

Government Pataleshwar College Masturi District- Bilaspur (C.G) -495551

<u>1.3.3 Percentage of students undertaking project work/field work/internship</u> (Data for the latest completed academic year)

Programme name	Program Code	List of students undertaking project work /field work /internship	Percentage	Link to the relevant document
B.A.		140		
B.Sc.	03	75		
B.Com		38	359x100	
PGDCA	72	60	/1040	
Geography	473	9		
Zoology	551	20]	
Commerce	594	17		
Total		359	34.51%	

GGOVEAN Masturia Dist

X * * **** * * * * * Savida Name Lahare * -* * class ** B.A. I year (Regular) Environment project * * Subject ** * Collage Gout PataleshiDar * -* * * Collage Masturi (C.G. ** * * * * * * * * * * * * * * * * * * ..

***** * -Roll No. Date . * ÷ * ÷ X * प्रयाग क्रमाषु . 13 ·X-* 0 0 X ð उददररा हु संबधा रन्त्राध 3149 SUPPORT * SI G 21 * yICIGGO 002 くみえり POISC -X-* वनय -X-* 0 * * गामीव सत्र IND अता aro G रेवरनपट BI)(* * * याम भर-पर * भरतु परित * * भरत् राना * * मरन्दर 0013 * विवासप्रि Wa * * 2/02 173 राफ * * * मरत्र 12 64 100 61 (1q विल्रार 12 E * -0 0 . × आता अंतर्गत 261 Q E 5181 GP aD * 0 मुरु * मजद 3 4 q E 020 0 करन C X व्यवस्पाय SA alsa भ alda 0 B * x * युहा E छस्त U Q, 15 BC 00 20 * 0 Elle 1)8 × आाद 6 इसके 3112 रमास * 0 अलस शरस्र Eld. 21115 211 * QUR. WIC * * * परा) आकृतिक 920 d 0'0 रेष्रग * 0 821 * 4 KCJ 0 * की 30 सत् 6 गुराव्रश 550)(× G 0 SC Ж गर्य 24 US ादा क्शार all 4 U * 3 S * 6 प्लसम हरियाला 2641 8 april सुन्द * 告 쑭 ÷

**** Page No. 2 **** * * Date. Roll No. * * * * * 30-65 01-1 * 1621 alci Ø * C * 00 * 61 **b**X 0 1610 2.6CT * परावरम 3 * -** 5501025 Es-20102 ons * 3 197010201 * * 0 ¢ * Alapel 012 0) 191159 21 * * * * * C * परावरण करके ब्रह्मारीयंग 69 * 810 धाइति 3 * * * लनय 58 549101 Pa * 96 00 403 0 * 0 e * 60 2110 पयोबदुव -X-10 42 () CD 6 * * 0 à, * 1150 Upal 1201 3 2. 0214 0 UNI * CO * cll * (d) * 31511 Uler 6 Qa-4 -X-* 61 6 -X-WIDE UQ 99 3-112 35 * * * × 0 60* र्का * হাঁহিলা 6-1 121210 विश्यक हत्र 3 0* (151) d50 -X--* * * SP 0 * 3 हीन C * उगवङ्यक स्रश्वन -X-021920 0 * -* उचिट 211 * É£ 6100 3 13 वरा -* * 4145 -X-19320001 0 414 on 21 UZ 920 * * * 9811q 98119 61 10 90 YV EHK * 三世四 * * * 6 Sled * * * * * a * 121 ल्यवस्थ 00 * 2 * * * * 0 0 * হিাম * 3 पुर 617 1 हमरि मर्र * * ** 1012/00 0182101 * 45 221 2161 न्युव C * HEI * 811 POS 921 ભિર 61 * 21 0 XX * * del 5122 12210 B 3194 Ħ 34 * * 02 * aller * मरत्ररा 6/10) 142421 07 4 e * * नही * ysch * untarc) -X-* * * * * ******

ACE

The property of the second sec 215 16 1970 110 idio pilu TP & Tet TITE 10 200101 TELDI: 1101 is fait 1 ET Ste Treet 4 Tet That's all 11 (155). Table TISICI 10 THU DE PUTTO LINE TIE

* 烀 127 2011 PD 110 - 201 Dans ---* Roll No. * * -3 % परीग antia * * * * * वाली 070 * ule 817 ·X: 0 पार 0 % × 3140) रिशलि उद दर्य 00 01 -%-× 3192100 41 31 * 0 X (b) 961960 42.00 * -X-20 3182121--%-051 -X--% ** on 21 * 900 C a ut. 05 -%-** 03 रशतिक UTR 31001 311 * Sa Se * ullo × इस् र मिट्रार * * 5-10-5 C ulla 36 Char 0161 धतको 31 * * a, 1 61 * (\mathbf{p}) 03 -%-21 UJOC 21 0 960 * * 3411 संप J * * 16 B 10 10 056 c121 * * 122170 0 ar le रामुद * Ł die -Xult 912 * * 6121 18 954 2 * श्राण * 20 031 0 1950 * (12) * 31 C10 a 22100 × * 1.10 y 6 Con * 20 * 0 211021 2 C * 1935 21 * 5 Codos -X-* * * system al-19 * 1101 195 600 21067 31 * किया -X-व्यवरय * Yq ठारो et 6 -X-Ø ECOgy Syste 181 * 00 0 0 * 8140 314-1 वल्छाना + * * SX 310 SP Э * * परिः 420 2-P tur ch2 * 3 -X-21061 Urch * UTIG co * 24 Eld allar ę, 2 31 * * रनर UT ould * 6 22001 * 20151 ear * * 6 Ulel wilde 28 uld . woll -%-* 279 * * * ·X-* * * * * * * * * * * * 쓹 * 休 **** Ann

***** * 1% Roll No. Dato * -1/2 * * Q * * BILLAS 2 * -X-·%-* 0 1/2 X X CX C 0 * उदरेर्ग हो ulle dy dia ar 3140 9 1% 00 × * ~ रागरन्य * 72901 परा a 811 920 * * * करे **पुरन्तू**त * 0000 31 Ų. * * *** × ৰিতি o 9500 * de पारे 817 9690 6913 * * * 010 6 * * 6 29 * X 0 0 * 3 3 * do step * AZdo नरेवेश 00 ed 11 2010 * χ Ş * BE * * wich 34 C * 314-31421 317 19661 -1] 5 45901 051 a) * * * 9 * आगित 10x1 869511 12 N * * * *** 0 Cp 0 * 31 111 0.0 Ð 6 3107 * HOKda राह * * 2 00 0 * -X-रगाधारण JOBIS 05 ** * 5 S 011 6 * * 0 -X-C الم * g e 31 * 21 સન્યુ 00 G 2 QX10 * * C 5160 करन de उर * * 50 * * -X-6 ହୁଡ଼ୋଧ 0 अवाहित 5115 * ar Q, * * * * राष्ट्रीक 31219 4 * 3-1-3 00 05 * 3 17105 * * अनुप्राग Collo × * 26 * 0 * रार 960101 × 8 * * * * * * * * * * * * * * 쑢 ****** ACE

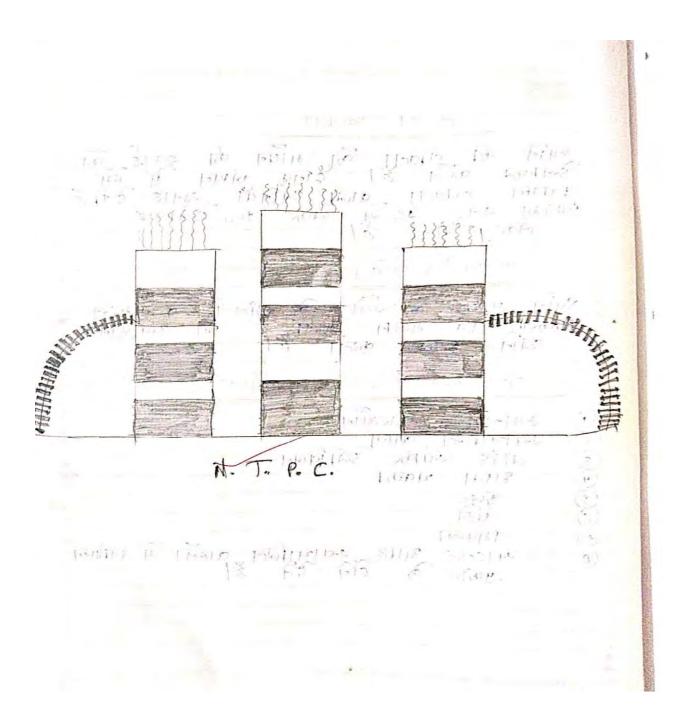
Page No. 5 ***** ****** * * Roll No. Date * * * * * * 3 प्रबातित 0 PO * * ·X-* 0 * * X * 3 5 9 मापन 20 sa ·%-¢ 7 lide 3 *** 0 * ulla 100kg 1010 066 3 0 * * * वाल 53 6 chạc 0 G đ 000 4 ĮŞ * * 19 2 लेकर SAIORA * 000 10 * 100 20 ·X-0 * Clas 611 6 * * * * * 0 * 0 * * Solle 9 00/10 * * * * 0 0 * ह्यान * 9200 Soll SLAD & 0 218/20 6 0 d * * 340020 ·X-6 pa मशान SICIT 3191 * E 10 d S * * Cella Bayn करता E * × * * * * 0 0 कुरने 95 00 de affe * 22/1 * * * * * 0 *(7 * 012210 2012 Cala * * * 2 * al6. 2.014 lar * * डेली विजन 2-0 400 3 al. 35 . * *(* * भावा 2/000 4 * * S * * भुलूर * * 6 120 * * * * भिकस 7 * * 0 0 आदि * * रुवायालित 2112052 91601 19/02 8 ц ×6 ·X-* 2 YOR à, Gd 60 * * * * * * * * * * -X-* * ž * * 쑢 * ACE

***** ***** *** **** *** Page No. 6 * * Date * Roll No. * * ** * 9 93119 * 9500 801 10 ** * 0 * <u>S</u> 3 J X OFI सगता * * स्युनने F JIR **G**101 श्वत होंगे * * ast रममरेरा * 3 31621210 * 212 B 215 * ×. era 6 * * 2-12-31 1001 É * :0 WICH चिरापन 311 25 RIGC 1 * 6 * *3 2801 51854 Clelld A15-460 * ots Pà 24016101 *(0 051 हरकन * 82.4 * * 6 OUS UICI * -X-* -%-3 * -X-1012101 2 do * 9 6010 * * * * -X-0 0 ost 0021 onRalel * वाव -Xoxo T रार 3000 * * * 05201 * रुथापन * * 0 * × 00 511 3 * C1211 Jel 10 1011 -** 2य 1718 appl 21 23 21121 * * 6171 य इयरमक SUR 1676 * 94410 * 45401 * याहर * 9591 सुरक्षा 96101 पहनकर * * * * * * 92 0 ella 30 80 0 उचित - 2201 10 220 1-% g d5 * 5 1691 * * तथा Balc BRUDIE विकिया q <* 210 * dle 0 9 * 91601 हाकनीक * साइलेणर <u>क्याकि</u>र ch, C -X-* e 2430 * * केरा 191 028 रार * * * * 0 * * नियामता स्माफ 051 3432011 ard Hiel * a * 6 छिया PADE X ult * 0000 r1211 2-16-5 * * * * * * * * * * * 쑢 ******

होगे हैं। योज कोले जाया । । । परानिद्वा पड़पदा की जाया । । । अत्यवत्व अञ्चत जुरी (41)5 116 1.51 17424 जील जील SPE! 14.11 Sound Sozend Je 17 and -1 1-11/115 1 11/23[pr] -फुरला (0)। भी में लि ISTER ON LOTIO DIL 2100 110 W101 PP 112 . STTG TE WID FRO LOALS 15311518 741 £ LEISIS JULY AND A DE DESTRUCT 21=12111) 64101 12 (toplayer are 12

***** ***** Page No. 8 % * Roll No Date * *** * G % σ arriado 31 UT 061 locy 1 Ch * *** 5.191 Ullag * * Ge * 0 pd Jakgenu मेखीवक 12010510 0012001 * 3 * * লির * RD U1222160 9601C 6 0 1210 * * * * * 0 0 0 * 2 d6 % 0:0 U 00 121 d) 200 21 * 010 610 -% * 0492-21 * U * Ø * र्रियमे 12/19/0 * 31 8 9101 Pg 0120 * * 0 0 * USS 6 9,0101 610 alda * -%-* * * 0 * F 017 2100 0 ALLS * H SHK * * * Pa, * 0 * * 1971 (1) 6 1012100 * 0 110 20 022.6 6 * * तरा 310 3 * 31618 wal 29 या 46194 * à. * * 23 पय वरण 610 und 6110 * * * * * * SPEC あ 06 2 * 019 4501 310 J-21 C12 UT * * 10 * JOSK a YIP * P * * 0 6 5-1051 SIDK 1205 6 3 * UR ED. * Ó % ततीय महाततीय age * d 405 10/01 * * * 6 49C * F * के * 3/00/ पारिरियनिक TEN py * * * * 10541 6 971200 wirt 到时人 * * R-211705 * d< 3 31811 CI * वातावरष्ट (12) * * C 311-11 G) 19911000 0721 * 31 ch) * * 푻 2021 6 WI * * * * * * -%-* * * * 쌹 * 公

ACE



***** ***** Page No. 9 * ** Roll No. * Date * * ·X· T X 9195 रिश्विक 07 07 31 ch) ar 0 % × रुवतः ही * 9100100 * 61 * * 0 3192-21131 HIGKY ** ab SISKIK खुगत 6 -%-Childell * 93 31-13 माधाई 0रि0 -%d' * * भागो * ut KD 31 221100 G * * * 93110 941 6 UNIC * * * 6 MAR T 220 app * 417 * **** * * 1011 UTR SK C 2 - Rin 110 41010 9 25 1 * * * 17/51 0 * 1424 * * 5 जिम 2-211-705 * 411 on 91 रन्यतिक CD * * * 6 * 060 * * * * 60 * * 212210 0 U 2-21 ED * * * * 0 * 8 * 5 701 (7) 21100 * * 0 C * * e IC W1 हारक 0 * * * Star lais हारक 6 तय * aa * * * *** C C * जीव रेया as इनमे 48440 धा Elda S V * 1 de 10 * 1921 6 रममितित olla * * * * * 0 ,0 * संबंधो 0 मीणह *** धरर-प q 3 * KJ * 3 Ch पावूर 5100 QU KC * ** H JA18 P1 षुरको * (h) 3 91 Ch 1qb 5 * ÷ 121 आपहालक 3481001 304160 गय CG * * * * * * * * * * * 츞 * 势 ****** ACE

* Date -* * Roll No. X × C अपहरक * 725 उत्तराकत × * 300160 *** * 0 तंत्र की g * Р स्थातिष * * C Beulage 3,0 05 **** 29 हारके स्रायग X AM मंदलेखा C * * AUR 3 12/12 or R 0 0 नम கு 911010 0 * * SIL anu No * * 6 0 56211 300160 * * 6 * * * * Anto 0 0 छोत 551 d * * 50 2 Q) H 30 90 0 * 1100 ्रमुपन * C 01 6 * 310 0 × 0120 * C * 60 द्धमत, 9 ch, * 95 9 Lick * 45 5 या * पाढक 2055 * 80 0 H 0 * 02 Sre * डूसी ore * 6 0 * Ъ 0 C * 61202 GI 01 * S 97 * d2 42 NB 0 * 6 * 06010 3481901 W * 6 960 * * * 1 0 * * 05 हारफो सृत्यु * 193 3 ZUZION 0 * 0 भारतिक 0 * * q 410 पाय P 46 0416 * * C 00/19 * * wid log * Pq 300 Q U H * वुन: Pd 46 S * अपध्र * 3 61 121 UG x * * G 6 0 484 4 * * * HOSA वाय * * * * * * * * * * ·X-* * * * * * * * * * * * ÷ * 备 * 츞 ****** ACE

***** * * * * * * * * * * * * * Page No. 1) **** * Roll No. * * Date . * * * * C* प्राग 20+10 (4) * * ×-0 * 0 वरिंग 0 ÷ ·X-3द देश्र ? 0 adle भूपने 2× 10/10 * 2 * colo * 17 अहिलहीय पुतिवदेन पोध्यो 3 * 샾 3 -** * Refe * * * * CP पश्चि 0 * 0 * 302177 क्र 19 0 0 7 9 3 d ·*· * * * * * मारतीय * यह 12/10/ 27 त्रवरग 6 on ÷ 4 101 149 * जानिक * ALA Q ETI WXID * 6 C * * र विंधमू 31154 * -11-केमय 216 311 61 * r * 0 डरनुम * 055 3 21021 4 * पाय WICH 65 0 * * 241 िया * 6 WM * * * * 0 र्वीष्ट्रा * 0 रूनमो 8117 * उपयोग 9713121 0 SU * * हमार्ट * 1611 yla Ond * MS Pg * * एक्तिय 01 SKIDS 31 * 344 B -X-3 Alar * * 210 जुखार 201 12 Sortug 0h * उपयोग * * * 6 10521 win * * * * वैलानिक * नीम * 201000 STRAT 002 311001 00 * * ** सिलेनलिस E * साहि * * * 8 * * आयोगद्र 30) 2301/31 0101132 अविमा * * 0 *** * 21819 274 N 4120 shy 210 * 0 3105 2-91222 ÷ Pa SKR ula 6 A * * C * 6 * 2601 * * * * * * * 쯩 * 춗 ****** ACE

Analysis come for the Charles Pro-TISTE 1 6)] ! = 1 · . ! · ! 140 1.5 1 Trult-144 for I fin to 111121 1.7.1 14.1 The Party FILOPS PERTON 124+111 1 35 Fee F1 32 1 della 14 Sp FFIId 18 1.6 11 1 12/16 1-12 51610F 171.10 SH TREAT VELON 10 ~ का विद्या म FIL CLEARA 150 (3º 14 1,0 1 84511 10/10 350 14/123 10 ia Prisp BNINCO Tint 51 ERJIG. LAIF ताधा 8119041 31

***** ile 놦 Roll No. * Date 14 * 疣 CP * बहराव विया * 254001 विज्ञानिक TYC * 14 32 * a 100120 10 * * 1/2 7:-0 ्रुप्रेप्र * मुखे 0 310 81 डपयोगह * उपयोग 3 -17-6d -20 * BUZR 0318 8 SILL 05 1 वावासीर * * * ित्रा GIT 6 ULC * * * * र्तिङ्गानिक * -26-रामिनबिष भीम SHAT * * 量学 * 1 21391 * * * * की * क्रमा मुजून वासकर उपयोगह-* হমন্ত * Gizi * * SICI ul 61 WICH लनाया * -5 C 3 aint * * 3 Pd मसरी -21HODEK. * * * * 99/21 C मालवान * * Ye 0 X * * र्वज्ञा निष्ठ MIGBRI भमि * * JAIDI 312971110 * * Xe * * C ** उपरागि ह * UFT लनाया 07 201 415 2243 * * उपयिमा डानियमित (121) * * सुभग ukin * * 0515 <u> अल्</u>य मान्याया दुमा * * STOR HEIK * * 194 1019 101 Ech STIFE मिरगा * * * * 61 UNICIT * * * -X-रीजाही * * 1207311/121 31 1910 -175-32-103) * ** * * 0 5 0500 * * 25 * 0 * * उत्तीगह यलिया 021 उसक SK1 612 * * * * कीरावी 65 342127 01813 * * * * 4 -14-******* ACE

***** * * Roll No. * * Date * * शीपल्ट * -X-जाइकर N a Be 00 dS 9 9 * * C C Ha ममिट * 6 64 -X-* ·* * 00 0 C 02 8 Co मि P Palders * × Pal आवही ų 61 O, * * N लोगारे 5 * गुनुके 0 es Ca IC 6 U X * 7 017 आटा 0112109-1 * ÷ 6 16 9 010 G 0 * * a 0 CKE 99 6015 Gr 12 * * द्विना 0 B * ** ** उपाइ 392 3 \$4G 0 0 * 0 0 E ERI अहितितर * Ð * Z पाध art * Ь * 4 वगाय 010 ·X-6 * * * * ge Se * C 0 cC उपरा उपरा 216 105 * 81019 72 WY SZIG * P * * आधिषु 3051 6 WI पाद्य वाहुत * de * C 0 THE * काम * MED 3 14 * * आहि R राभ * अगि 22 Ud 6 6 * 8 0 * * 6 वीमरी उपरा) BILL 5245 5 * * * * * वमीन * 0 0 3 * 57-65 उपयोर त्वया 429 * chet * 0 Ò किया * H 911 31 6 व्युत्वो Ut (1) * 4 * C * ê * 3027 1541 WICH 52701 * × * * 쓳 -X-츞 * 쑢 -X-****** Ann

17 1. Carlos plat 1-1 11 E.T. 131 7 1.1. 1.1 · T. T. FL m 1 15 20 TITIL TANK STAR 1110 0- 511 8 - 11- DIA 1007 This TOPE 861 a Ter file 1STP cidi Sistema ino 1510/0/6 1011-40 13 marian th 101-2ada PRID SUPIL OF 415 210 314701 Sice-115/10/0 5167190718 Tick 10pts Only 7913-116 1501 05 51 (51 15 L'AR 4.613 31195 1-10 176-16 tivito (6- J)0112h 120/21/10/1" 14/70 36132 16501 2 () P (0) 1 (0) 1151-112. 513 11:15 Lanz. 87到1-TOP a.

**** 쓹 Roll No. ** *** Date . * * 0 * पर्याग PH10 5 * -* * * सित्र 0 X X * 0 X 0 * उपदरराष्ट्र da 344 पारे ¥: 1019 * 2 * सुची 34 विशिन 01.1100 पहिंगी 31 * * * y Jerge * C dC+ dy r * * * * OX C * 200 a * 2210 पविश 051 3 उनके * माम d * * * * * * -X-0 O * * 2210 0 267 पशिया * 200 G 012 ** * * 0 **** मु * EIXI Pa 61 90 29AK * H Cher) GILI * 19 901 2) * 6R Pg * 94 कॉआ * 3 * * H णब्र Unsol * * (4) * WIDAT নাৰ * 0 S * * पानी H 9 ert * and * c G * * uld 34 जुरीला **** 7 * F Q 5 * कार्यन 8 A. * चिठ 052 &)ed) * T * * पुरु) H zaes yel * * 10 + * 0 X * 0 * 30 प्राचीनकाल 41844 9 Park1 * * 00 Bay T CK * * स्थान হ र्भर PB रे CPI 3 * *= 251 * 195 * Sphot पद्वचाया ulch no 2-211-* * 6 1 * * gock URI 216 20 \$ खाडुता * * 0 ILY 6 46 GENT cellel a 4141 * * 001 2 0 0 * * 6 61-11 1212101 * On * * * 춯 * ******* ACE

卡希蒂斯基米米卡卡米米米米 Page No. 15 ***** 34 Date. all wells 26-गोवल गई कीहा मादि। * * लोगा कि लाइत ही सुन्दर प हो यह हरिंग त वना भे हो सीटे स्तर तरि, होते क लोलगा, यि साता हो। ते में जेरना तुम कुहोगे क्रेस में जेरना तुम कुहोगे क्रेस में सुद्धाना हो। यह हरा, लाल, * े लोता * * * * पाया जाता. * * 1.201 उसे * स्पटनान × * 6151 * 102 Iguir * * यपद जादि * * भोजन ? यावल. गिर्च, स्वार सारि, ज्वार इनकी युख्य मोजम है। * * * * * काझाः यह तेउ पहिला में रखेले हैं। मान जार, जजबी में पाया हो यह कालों रंग का होता है। खरा में काल काले, व्हेके गेहमान का रगदेश देता. हो हिसा जाना हो मागला गेलल ही * रखते हैं। ये * 24 * unin * TEO -26-* 3111 * * ulla) * * × 쏭 Filar-18-नावल में भांस आदि। * -36 34 पनइली है तैझामिफ नाम डेस्तर्यह है यह एक है उडता है। और ताला के जो तेली के उडता है। और तालाक में त झील के जासीय जीब की पुण्डकर इड़ जता यह खुन्नी खांगल में में भी स्वता है यह जाली रंग का हीता ही * UNSOIT * * 长 के जलीय -26-U * F * -24 -20 35 ***** ACE

* ·X-Roll No. Date * * * * 0 20 0 66 माजमु क्षीत * 3 * 8 aloch allo ulld * * Х × ** 0 0 * ave rdales 416 IJ 051 रीब ह 8 41 र्रसर u * देखने * C दिखॅूते 812111 051 ** ङ्सुबु C -X-* 0 * 9, also 31 ð, 31421 UK! × S 24 * * -X-219G richalt ~ श्रोल a 26 * * * Ê 610 * 3 31 112 * * * * * C * 31112 T महला मार्य 10000 * * * * G * * 51100 0192 S * (C)(0) 00 01201 alight * * ulbia * e 46 * 12 10110 21 6 * 0 * 2 05 J 01 * 5412 AJ UK 2d * 2 * 03120 * 64200 3 पाय। ulters 6 216 * * भूही 25 * 52407 Ald C 0 * 35 1914161 * * E erri 2-146 भूर 31116 * * * * * * मोलन * 18,316 2116 05-211 * 00 21 · yidd, ** * wild 12 MAN 07131 महल 31 * * * G × * र्वडालिक * * 13 Ra 6 ander डर्मफ) 3 * * C 54 ER 2240 लास्य विय B 1 Q * * * \$ FI 3 619 U ICHO R यह Id * * C 3 C र्शका * * UM 5 J 2402 ulal 051 * * 6771 6 * * 05/07 * * ** * C C * 315 31114 4601 3-21 -1190 21 WH? * ** * * * ų, * 45 * 备 ACE

110 D White Service 11-10 18 1-13-11-1 Section 1172 213 石口些 64 14 P ताता 11-10 1.5 1021-17 动的 DIT? 1 nie 10/1-15/2) [1-13.60 Noox-छ।पूर्व फ्राह्याच्या 1936- 1996 (0) 10118-(On 行夏愈 106761

* 法告告をちる 101/11/10 5100 1131 1 1120 DTT: 150 hill his 2-1 वगुवामा गा 10 THINK 15 1 - 19 - 212 10.05 リー・パー 10.15 SALE DITE 12118 10.5 10110 31 5 1251 5 1251 7 121111 212 ht. -19 5020 Trille 11-116 1 $\delta f(p) = f^{\pm} f^{\dagger} p$ शाच्यानि i millio Trefa is 11-21-42 La Martine Alie Notably In In The Alient King a Silv. 11528 A lindia ो छ सह 5110 Profes and motion and

35 रा J T the site of 3) 3) 31 司 35 1725 9 0 3 围 - IT-TAK LIFSIG PARAS 114 921124 denting attac 1,01 1110101 Terr 2 11 14 11 र्याग्र 1310 USII THE [sapente SUL131 135 1 10001011 UPS FIDE 12/10/18 TESAJAN (P Met (=) 340 12 नीधा का यह

15 First of white prise first 1 -1 -11-215 21. 13 March 10 1. 10 . 1 11-14-16 1.00 1.10-5 10-14-10 - 51 10-5 11.5 1.12 1.6 11 SUIS 122 11-19 i isi i r Disc 11112 1 6.316 15176 Tiskitie ----15710 millo! h TIER Toste e COLL TALE 28 TALAS 12 10 100102 talle Prate Trade and alle there 1. 12 5 1016 I STIN HE MODIL STE LOPING

****** * ***** Date Roll No. * -%-Se **** कारालः \boldsymbol{c} पदा 40141 2118 291 q राह Ce 0 02141051 हारिला-पोधा P 216 * U इस्रा as ****** 34 * 216 6 नुहो Recl 705 * 0 031 OR 8 46 **** रुकी 280 31 61) हाता 6 * भाषन आदि 0 ** * न्गतिल. 115 00 * * र्षु ह्नामिफ * * 6 * CHIN 0[] 21 सरम? 52-021 * ************ el Jed 2 -16 219 (2) 20) 21) 201 इरन्फा ****** 0 Se ê 22105 6 CRI ala 17(0 B 221 5 भरा स्य 2 0 0 wia हरि कीट, 1G Eld 211 HEMT Himp 00 ** * * 5 -%--X-2 021 -X-**** * -X-* * ** * * * * * * ** * * ** ě 5 * * * * * * *

BSC.Ist YEAR

**** Page No. ****** * * Roll No. * Date _ * * * * * * * * * * * * * * * शास कीय -X-पाता लेखन भहा निधालय * भस्तर * * * * * * जिला- बिलासयुर * * * * ६ - ग.) * * * * * * * * * * * * * अगवती * निषाद * नाम * * * * * B.Sc. Ist * * OGI dear (Bio) * * * * นน์เลงอา * प्रायोजना विषय * * * * * * * रोटा 762572 * б. * -* * * * * * * * * 91210 * * * दात्र/ दात्री 97 * OT ESCHERT परिवेद्यक * * * ENGLAT * * * * * * * * SAMPLE * * * * * * * * * * * * * * * * NM news reporter Viver Fandar *********************** ACE

非非非非非非非非非非非非非非非 Page No. 28 非非非非非 蒙 201 24 284 240 20 -01 Roll No. 46 10 Date . * * * * * -1/ 꾟 -11 * -11 * * 볶 * ** E D 3140 21 जीवे वाल an * * 077 alla JACIO 쑸 सी -11 * 2424 ETT 01 पतितत्व 92-CT ·% * * すう * * * * 柴 *** * 3662 20 डा ant HIDA * 볶 101 201-रममझ En Id ******** * * ********* S स्मापने 31 aller 3 वाल 9HS1 alsa जाता d व्युची बी जातिया 6101 101Z yorg 16/18/2 तेजानिक उस्व 012 5 × * * Seca 'आयम) 812 112 जान वाल * * (a)d dn मेशिन 1 Metta d 511 5 C * * FIELLIO 201 वग * * * 32-10) सहरायन काविए and A * * * * * * * SAMPLE * * * NM news reporter Vivek Tandan * 샋

******* **** Page No. 02 16 Roll No. Date 꾶 निम्ल हैं:-4200 क) कारन वाद * बहुता * - Alack अानाद 00 जरा Ceal 4 (1) * * ATTE . HAZIGUI A रही EI den 25 960 200 * 29600h att * 246124 Hal Ha E डसव) ଗ୍ୟ 418 240127 GISI * * पार्शनिक मसाहाजा 01201 all अधाद्यन्ट जगयाग 1013 꼱 समहता शहरा × UEC ZE (0) * 13 1HC de C (d)0 * * SEI alle 319-SE STATELL 20 GEICL 016 सावादा ଗ୍ରେ क जारम सा 201911976 H 311 आरा बहात्रा िलागा ना ्रीलगार मुह्य 0210 85 Top di det E RA SSEGI जहराला A (0 d) c (0 alell * ear वा दावत वाट ot वाय 1941 EI * * * * 12) उद्याग - यह कहा जा अकता. GLCC 8 * * * d alt Bagel 240127 लिस 0 8 नारन SHE. GGC E2 JEIJ 10-00-01 de * वायु वा। अद्वांधल atoky * OT 6-216 ावग्य, वहन्द्रयाद्वाता * * अभस्या ह 25161 Idd) Walte 0)1 Gall * * a) 060 OHI 10 3116 HRC azs SETT d) aller CHIGH 0210 a * 米 * * Golg 30 21821 म व्यास लाल 1216 61 * * * * * * * पोर्क्वा० हमल आपसा 922101 00 0 H 0 H 02 d B × * * ्तृहाया Vap SKY ale. * 0 * ्राभा साट होरायारे नाय लडाइयो di केरल लाहाल * a * * * , dule हाडू लग गया ूलागा में परमाज लम ·SA * XT * *** * जेसे बहद वातन सार प्रदूषन वाला होबा था। nella * * * मिला गया * * * * reporter Vivek Tandan ***** *** ***

*** Page No. 03 ********** * * * Roll No. Date व्याहान स्यार 9 (81 SIG अविति 쑸 GIECU 쏬 a11701 मचार d)a (200 র্চির অভ্রন রায়ক, ्माहाल 31 ET de 00 ×12नि H ZE **BEERL** BIEL 2001 aly ्रमा 3144 an ×13216950 det A SECT-OT RE 245-11 13140 aled ELD DX9 * alutose A ablidit अभ्य तहाल que ale all * alla ant 28 * * * 쏬 5 मझी * लना a) संधाद्यद्य DSP -EH मन्छिया * 쏬 ञ्चयना aton 51 * 0 * Tere ALLO EN a de अधाध्य 0 * 021200 d7. * * E GHE * al 42901 ê GEI GHIEL 26 0-11 * * * oto anytosc 3600 a QUI 10201 * ant a * * 01134 वास * 112 EAT Elel allos 12 diac * ट्युम्बर्म हु माजन and 9 a 91 91801 000 * * HOOLSIKION 12 अविसाजन 4210 काल * * * * 0 * 9400 N वने ala 9210 0 3010 07 00 6 * * de 5181 ELE * आनय a * alar 9 द्याहर GHOI are ana * * 2419 2919. 2012/210 212all * q * * * नेहत्वी भावर di 80 चाहि olla. 1g) dell a)| 5 * * C * 85 विक्षी जातन यास कर Call * ala C 24 * * * all 4100U 2122 alaro 27 a)[0] all 9 100 alla * * d 0201 E d 4 alutin 02217 SEITIN di * * * म्रवद्या * an 300002 021011 211180 * * * * * SAMPLE * 쏬 * NM news reporter Vivek Tandan 꾟 *****

·林林林林林林林林林林林林林林林 Page No. 01 米米米米米米 Roll No. कारकानों को आहरी सेत्र जे दुर स्वाधित वाला न्याहिट ज्याच ही रेग्सी लकलीक उपयाग में (3):-लान के लिए जाह्य जाता चाहिए जिसेत कि बुट जाधिकतट झांग अवश्राबित हो और अवशिख पढ त गैर्द आदाक मंत्रा के जाता के जाता के ्ता YAR आंदाक मात्रा में वायु में ल मिल जन केरुया जिला की जीवत व्यवस्था (4):-911 जार लागि जनसंख्या हाह्य वा रेता र जाए। वाहनों में ईहानों से निकलन वासे छाट्ट (5):án रेखे. समारोगित काला होगी जिसत वा वाम स - काम हीमा बाहट ानकली रेखे र्डरान के उपयोग की सलाह दी जाह उपयोग करने से उपया क्रान्साक्सी कहा 14(40) जाए व धुआ कम- की- कम निकली निर्द्यम् युन्हे त सीर उभी की लगतीक की (7):-मोल्माहिन नार्ह्रम और ज्यादा उन्नत रख लाइन * स्तिभ जनामा नाहिल * 140 ews #eporter#Vivek# and ah * दन सभी चीलों की नड्यों के प्राट्य कम रामिल् करवे। ब्राक्त्या अर्थनेवा यात्र यतन रेख लाग्रेल जलोड जाल लाहिल ** ACE

Roll No. Date प्रायोजना क्रमांक -02 प्रमुख मानून झांधनातां की जमसाल 36222 :-= अमुख मालवाधिकारी के माम जिस्म है:-क्त अनिव आधिनारों की अभियारा " मोलिक अधिकार * हकदार है। सोधनारों उख उद्वतंत्रता हो के उदाहर * के केव में जिनकोर् भूजना की जाती है उनमे नागरोक सोरं राजनीतिक आधाताट साम्मालित हैं। जेरी कि जावन और आजाद रहने वा साधवा - अभित्यावत वा रुवतंत्रता सोर वान्झने वे साम नागरोक सोर राजनीतक आधागार मप्तानता रखें झार्चिन, सामाजिक और सारकोतन अधिकारों क सम्बद्ध हो सार सारकतिक गति-विधियों में आग लेने वा अधिकार, ओजन का अधिकार काम वारने वा अधिकार रखे * * * ाशिखा का उत्तरिकाटी **** () जागरिक सीट जाजनीतिक का अधिवार 00 हमार चहाँ कुद बुनियाद्वी मानवाधिवारों को किरोध क्रम को कर खावत का राषा है। जिनकी प्राप्त हिंदा को हर त्यावत का रानी याम्हिट, रेप्स ही कुछ मुला भ्रात, मानव आधिवारों क विषय में यया का गड है। SAMPLE

*** Roll No. site site site * * Date mara childe 01 atter No RDDY XI 0 मानव 8 di de 24 JU 91000 a) daden -021G171 A loc 3 × Glecto C र्यतत्रता Idais × 317 di 0 a 3000 00 9 294 21012 * 312 28 * 31 d) 10/212 × SHE साधनार (\mathbf{q}) 2151 * या 201 axist EFUR X 91 ado alla * 294 34 31 any * N clotter 210 CO an * 31ElaTT * आर रुदिन 91 31 * 24124116-100 ALLE डाह्यता * 9 आर साम 100 * आदया माहीवार gn * 5 ST Sel-1 do a आंभ ट्यार्वेल * arcit 8 2174 alle * * * Elelia alleto So सहिवार Sold * a 2121810 * alle 29 as an SUN SER, * 218 तन **(a**) Hank * 9 SPIZ SI 2001810 19/211 जात * Elet HINGILE di SECER * di a नजा * 2010 OT) 1010 a)2 8130 जनार * JTP * et 2 10 on 2 hate da all a 10 * Red 30 * RE e * * * न्द्यात देखेला 000 22 6 on a 120 * * 60 D erl 0) 2 मानव C 51 * LET * an an 10724912 Elc de * संपत al da Zanuzit d) a * or * A1019 साहावा 600 a d)Lo mo * * ***** ****** 3% NM hews reporter Vivek Tandan

32 Roll No. * Date 끟 * * * 010 ordir 8010 SMIG * * al 24102 मोनार्रत 10/21 * * प्राम योहिए Vá 31 q 21819 * त्यावेतेयां di उनन मानव * अधिवारा all SIRC × * EI * * * र्यात ओमिक * साधिबार भानव * Ø, * * * ित्वी - भाजादि जीन सोर निजी * 2h2ET * an 1) * मधिकार * * * **** समानता सांधनार * arr 2-* 218024 न्याया 12/01/0 Selt * तयाव a 3/12/01/2 3 * aloto a 2179 9 मान्यत and म an * CI * * HIZAIL * * * भुदुभुषि 27 * र्वतत्रमा * * 5 * Solta SILAU 2997ता 27 * * *** स्वतनता अत्य * 2 Z * मम DIZUNCIZ * Herflot सा 8 0 d 20 * * 27 * BKH265 * * * * * * * * SAMPLE * × * * * × * * * NM news reporter Vivek Tandan * ********************************

**** [Page No. 0] ******** Roll No. 操语 * * Date प्रायोजना क्रमीक - उउ 볷 × * * * * आपेक क्षेत्र * -3 15655E योय ज्याने में यह * उनावक क्षेत्र में याय जाम काल पुमुछ याढव ज्याति व जन्छ झां का ताति १८ उद्यवे वेडाालिक नाम लिखिली * -36-*** an मचा * alotant * * => हमार क्षेत्र में पाय जाने तला यमख्य पाह्य जाति व जन्स जाति की अराच का उसेल वेडालिक नाम * * * * * * * * * * * * * * पाढप जालि * वैज्ञानिक लाम * * * * * * * मेग्नीयोरा उंडिंगा सोरिजया मेटि * आम * * * मा मेरिवाड स्थार्ट्टालयम ह्यान रोह * * * * द्रिार्वटकम् * * पि सम से टिनियम के रिवा कम्प्रेस्ट्रेसिन ने लेबा ह्यू सिंपी सांगति पाडकस के द्याले सिंह * * भटर * * * * * * 0मल * * ***** * 02919 * स्मुगेरूरन सौणिसीनेक सालियम सिपिया गेर्स्ना पीयम रखेराकर हाइजोपिया सोषिसीनेक * 210011 * * CUTH * * 100ar ** DUILY मंगपता कार्या **** *77 काणियां स्रेरेलिमा * //vek िया अछनेनिसरा 212 * * विस्टियर् संग्रूर हल्या * orter ** * लोंगा युद्र युमा * repo ** * * ews ** * ***** * * ACE

×. 米 Date_ * * जन्द जाल * estal * वैज्ञानिक लाम * * * * * * 110 * GIEI U * and * * * मोर 10 * da * * * 312 a) Her * * JUA * * 212 Ũ and 102 * * चीता 212 * * a S * * 3247 टम्य नामीतरा HICL * 9 * * * आखित्रालगत 212012 * . ष्ठानकुलम * * 米 1822 adde Pellup * 0 * * CUAS d) * नाड * * e1353 E * 1201 S 2 * * * Hage Hzan STATEZAT * * * 21071 HEAL गिम * 12 * * * मिरिटम GORT MICIC 3 * * 0 * के मिलियत्र * न्त 0 10 R * * * * * * 4160 21 312216 HIGHDICT an 20 G * * =7 * * ्रम्थलेखन् Edia yana 020 म CH20FD 822 * * * * 9-1 2 Ha 2 0 6010 202 E * * HIZ * 212401 0) Ranc 86 C 201 ote 1919 * * * addie 8 alleg E erald EN * 4/20 31120 * * gloh 9 er 쑮 ulat F ada 8 1 5 C 822 d Cr 1 * * Stocharcy * पुजगलव AB 0) म 412eur * OTE * * 8 Taloch 0000 210/01 0)/04 **** 2321 d a Ba * * 2 C113 201 21 20 3 10) 8 Q 912 orte G 910 * GHAD colo B ylay * d) SIL YOHIC d * dilley de * 20 GIU

************** Page No. 14 IND. **** ***** Date 2 * * * हरी हारू हमाडियाँ 21HECT **** मंत QR (30URD) * भारा जेल . शोडा गांधा केर जन्म भीव * * t (प्राधामिक उपमोक्ता) (शामद्मी) भेडिया, लाळहन्न गहा, जोसा, लोभडा, भोद (दितियक) उपभोवता) (माशाहारी) * * * * * भोर, लाज, घोर, सादि 兴 **** 240 * ल्हालयक डवझोक्ता (सर्वाच्य माझाहारी) * * * * * * * * * * कवक, जीवाण्ड, २०करिनेमिडिसीट्रम * * * * * * * * * * * * * * *NM news reporter Vivek Tandan * * * *

B.COM

PGDCA

GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR

4

PROJECT REPORT

ON

"BUS RESERVATION SYSTEM"

SUBMITTED FOR THE SESSION

2020-21

This Project is submitted in partial fulfillment of the requirement for the award of the Post Graduate Diploma in Computer Application (PGDCA)



Submitted To

Atal Bihari Vajpayee University, Bilaspur (C.G.)

Guided By:-

Mr. Anil Kumar Patel Mr. Sandeep Kumar Sahu Submitted By:-

Manish Kumar Patel

CERTIFICATE

This is to certify that the project entitled "BUS RESERVATION SYSTEM" submitted in partial fulfillment of the Post Graduate in Diploma Application (P.G.D.C.A) to the Atal Bihari Vajpayee University, Bilaspur (C.G.) from Govt. Pataleshwar College Masturi, Bilaspur (C.G.), done by "MANISH KUMAR PATEL" is an authentic work carried out by him under my guidance. This project is carried by project members.

<u>Guided by:-</u> Mr. Anil Kumar Patel Mr. Sandeep Kumar Sahu

Govt Pataleshwar College Masturi Bilaspur

SAMPLE

SELF-CERTIFICATE

his is to certify that the project "Govt. Pataleshwar College Masturi, laspur (C.G.)" has been completed and requirements are fulfilled and bmitted by "MANISH KUMAR PATEL" under the guidance of Anil Kumar tel & Sandeep Kumar Sahu department of Computer Science, Govt. taleshwar College Masturi, Bilaspur (C.G.)

This report has not been submitted to any other University/Institute for ard of any other Diploma/Certificate.

Submitted By:-NAME: MANISH KUMAR PATEL

e: Bilaspur (C.G.)

2:

ACKNOWLEDGEMENT

e take this opportunity to acknowledge the sincere co-operation extended to us, ring the course of our project and **P.G.D.C.A.**

e express our sense gratitude and appreciation to all who are indebted on ious accounts. Thus we endeavor to enlist a few of them. We extend a sincere titude and profound sense of appreciation to Anil Kumar Patel & Sandeep mar Sahu Computer Department Govt. Pataleshwar college Masturi, aspur (C.G.) for excellent guidance and meaningful co-operation extended by in perusing our project.

also express out thanks to other staff member, colleagues for their coration. As without their kind co-operation and guidance, we could have upleted this project.

Name of Student

MANISH KUMAR PATEL

SAMPLE

SELF-CERTIFICATE

his is to certify that the project "Govt. Pataleshwar College Masturi, laspur (C.G.)" has been completed and requirements are fulfilled and bmitted by "MANISH KUMAR PATEL" under the guidance of Anil Kumar tel & Sandeep Kumar Sahu department of Computer Science, Govt. taleshwar College Masturi, Bilaspur (C.G.)

This report has not been submitted to any other University/Institute for ard of any other Diploma/Certificate.

Submitted By:-NAME: MANISH KUMAR PATEL

e: Bilaspur (C.G.)

2:

ACKNOWLEDGEMENT

e take this opportunity to acknowledge the sincere co-operation extended to us, ring the course of our project and **P.G.D.C.A.**

e express our sense gratitude and appreciation to all who are indebted on ious accounts. Thus we endeavor to enlist a few of them. We extend a sincere titude and profound sense of appreciation to Anil Kumar Patel & Sandeep mar Sahu Computer Department Govt. Pataleshwar college Masturi, aspur (C.G.) for excellent guidance and meaningful co-operation extended by in perusing our project.

also express out thanks to other staff member, colleagues for their coration. As without their kind co-operation and guidance, we could have upleted this project.

Name of Student

MANISH KUMAR PATEL

SAMPLE

DECLARATION

hereby declare that Govt. Pataleshwar college Masturi, Bilaspur (C.G.)" been duly completed in the project is substantially and only submitted for the Graduate Diploma in Computer Application of Atal Bihari Vajpayee ersity, Bilaspur (C.G.) and has been carried out under my direct vision and guidance. This report or a similar report on the topic has not itted for any other course undergone by the candidate.

(Signature of the Candidates)

FORWARDING CERTIFICATE

This is to Certify that "MANISH KUMAR PATEL" a bona fide student of p.G.D.C.A. at Govt. Pataleshwar College Masturi has carried out his project work as mentioned in this project entitled "Bus Reservation System" at during his PGDCA as a part of a curriculum for obtaining the diploma of PGDCA from Atal Bihari Vajpayee University Bilaspur(C.G.) to which the institute is hffiliated.

This Certificate Issued by the undersigned does not cover any responsibility egarding the statements made and work carried out by the concerned student.

The current dissertation is hereby being forwarded for evaluation for the purpose for which it has been Submitted.

Mr. ANIL KUMAR SAHU Project coordinator

MASTURI BILASPUR(C.G.)

Dr. D.R. SAHU (Principal) GOVT.PATALESHWAR COLLEGE MASTURI . DIST BILASPUR(C.G.)

SAMPLE

CERTIFICATE OF APROVAL

his is to Certify that the project the entitled "Bus Reservation System", carried at by "MANISH KUMAR PATEL" a student of PGDCA . At Govt. ataleshwar College Masturi Dist. Bilaspur (C.G.) is hereby approved after roper examination and evaluation as a creditable work for the partial fulfilment of the requirement for awarding the diploma of PGDCA from Atal Bihari ajpayee University Bilaspur (C.G.)

(Internal Examiner) Jame: Designation: ollege Name: ate: (External Examiner) Name: Designation: College Name: Date:

Index

131842

. Hines Prover

1. Hemores d'U- Larguage

Bassic Conscept (14) Dup Warranities Domining and Teccsion Wascing (Constro) Scinterisent Array

B. Handware and Software Specification

- 4. System Implementation.
- 5. Source Code
- 6. Future Entranciements
- 7. Constitution

NM news reporter Vivek Tandan

Page. No

BUS RESERVATION SYSTEM

Introduction:

This project BUS RESERVATION SYSTEM is windows application in which we can enter details of telephone number of customers telephone number, billing information are entered and we can store details of customer telephone numbers. Which can be later viewed and modified as needed. We can also print the details. This is a menu based system in which once given training can be easily be made workable. This project is totally made in C++ and coding is totally based on principles of object oriented programming concept.

There are 5 pages which are menu available in this project. They are:-

- To add new records
- · To see the records
- For enquiry
- For modification
- For exit

NM news reporter Vivek Tandan

SAMPLE

Module Description

Enter Customer Details

The input is telephone number. The name of customer, address, billing reading, credits, debits etc. Once we enter the details of one customer it asks to enter another record if so.

To View Customer Information

To view the information we have entered in previous module we can switch to this option which displays the details of previous module.

For Enquiry

We can search for the information entered through this module which will display the information if present.

For Modification

In we want to modify the customer information then we can do it through this

module

For exit

To exit from the menu based system we can used this module.

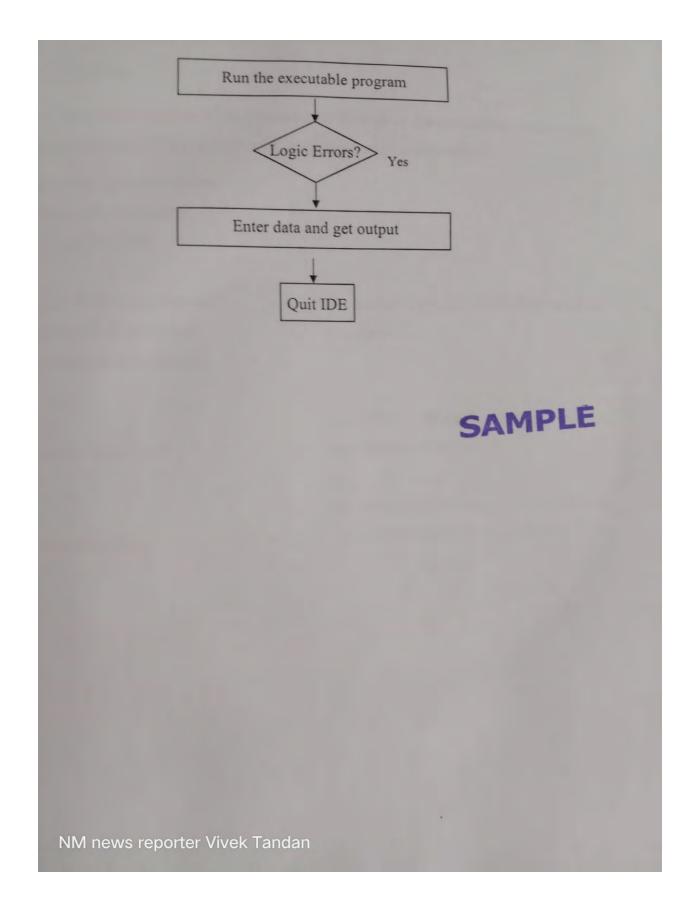
What is C++

C is a programming language developed at AT & T's Bell Laboratories of USA in 1972. It was designed and written by a man named Dennis Ritchie. In the late seventies C began to replace the more familiar languages of that time like PL/I, ALGOL, etc. No one pushed C. It wasn't made the 'official' Bell Labs language. Thus, without any advertisement C's reputation spread and its pool of users grew. Ritchie seems to have been rather surprised that so many programmers preferred C to older languages like FORTRAN or PL/I, or the newer ones like Pascal and APL. But, that's what happened.

Possibly why C seems so popular is because it is reliable, simple and easy to use. Moreover, in an industry where newer languages, tools and technologies emerge and vanish day in and day out, a language that has survived for more than 3 decades has to be really good.

An opinion that is often heard today is - "C has been already superceded by languages like learn C today". I seriously beg to differ with this opinion. There are several reasons for this:

• I believe that nobody can learn C++ or Java directly. This is because while learning these languages you have things like classes, objects, inheritance, polymorphism, templates, exception handling, references, etc. do deal with apart from knowing the actual language elements. Learning these complicated concepts when you are not even comfortable with the basic language elements is like putting the cart before the horse. Hence one should first learn all the language elements very thoroughly using C language before migrating to C++,



C Instructions

Now that we have written a few programs let us look at the instructions that we used in these programs. There are basically three types of instructions in C:

Type Declaration Instruction Arithmetic Instruction Control Instruction

The purpose of each of these instructions is given below: Type declaration instruction

To declare the type of variables used in a C program.

Arithmetic instruction

Control instruction

- To perform arithmetic operations between con-stants and variables.
- To control the sequence of execution of various state-ments in a C program.

- A variable name can be of maximum 31 characters.
- Do not use a keyword as a variable name.
- An expression may contain any sequence of constants, variables and operators.
- Operators having equal precedence are evaluated using associativity.
- Left to right associativity means that the left operand of a operator must be unambiguous whereas right to left associativity means that the right operand of a operator must be unambiguous.
- Input/output in C can be achieved using scanf() and printf() functions.

SAMPLE

pecisions! Decisions!

In the programs written in Chapter 1 we have used sequence control structure in which the various steps are executed sequentially, i.e. in the same order in which they appear in the program. In fact to execute the instructions sequentially, we don't have to do anything at all. By default the instructions in a program are executed sequentially. However, in serious programming situations, seldom do we want the instructions to be executed sequentially. Many a times, we want a set of instructions to be executed in one situation, and an entirely different set of instructions to be executed in another situation. This kind of situation is dealt in C programs using a decision control instruction. As mentioned earlier, a decision control instruction can be implemented in C using:

- The if statement
- The if-else statement
- The conditional operators

Few Points

- a) There are three ways for taking decisions in a program. First way is to use the if-else statement, second way is to use the conditional operators and third way is to use the switch statement.
- b) The default scope of the if statement is only the next statement. So, to execute more than one statement they must be written in a pair of braces.
- c) An if block need not always be associated with an else block. However, an else
- block is always associated with an if statement. d) If the outcome of an if-else ladder is only one of two answers then the ladder
- should be replaced either with an else-if clause or by logical operators. e) && and || are binary operators, whereas, ! is a unary operator.

pecisions! Decisions!

In the programs written in Chapter 1 we have used sequence control structure in which the various steps are executed sequentially, i.e. in the same order in which they appear in the program. In fact to execute the instructions sequentially, we don't have to do anything at all. By default the instructions in a program are executed sequentially. However, in serious programming situations, seldom do we want the instructions to be executed sequentially. Many a times, we want a set of instructions to be executed in one situation, and an entirely different set of instructions to be executed in another situation. This kind of situation is dealt in C programs using a decision control instruction. As mentioned earlier, a decision control instruction can be implemented in C using:

- The if statement
- The if-else statement
- The conditional operators

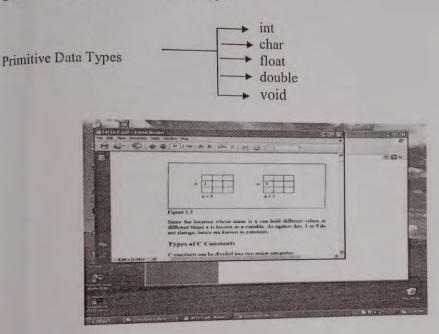
Few Points

- a) There are three ways for taking decisions in a program. First way is to use the if-else statement, second way is to use the conditional operators and third way is to use the switch statement.
- b) The default scope of the if statement is only the next statement. So, to execute more than one statement they must be written in a pair of braces.
- c) An if block need not always be associated with an else block. However, an else
- block is always associated with an if statement. d) If the outcome of an if-else ladder is only one of two answers then the ladder
- should be replaced either with an else-if clause or by logical operators. e) && and || are binary operators, whereas, ! is a unary operator.

- In C every test expression is evaluated in terms of zero and non-zero values. A zero value is considered to be false and a non-zero value is considered to be true.
- g) Assignment statements used with conditional operators must be enclosed within a pair.

Variables in C

Basic of Simple or Primitive Data Types

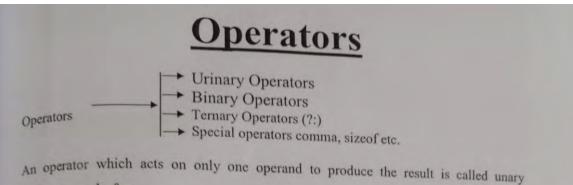


Types of C Variables

As we saw earlier, an entity that may vary during program execution is called a variable. Variable names are names given to locations in memory. These locations can contain integer, real or character constants. In any language, the types of variables that it can support depend on the types of constants that it can handle. This is because a particular type of variable can hold only the same type of constant. For example, an

integer variable can hold only an integer constant, a real variable can hold only a real constant and a character variable can hold only a character constant.

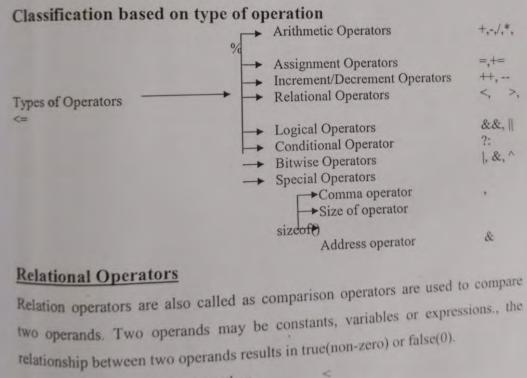
SAMPLE



operator. -a, -b, &a

An operator which acts on two operands to produce the result is called as binary operator. a+b, a*b

An operator which acts on three operands to produce a result is called a ternary operator. a?b:c



→ Less than < → lesser/ equal <=

Relational Operators	Greater than	>
\rightarrow	Greater/equal	>.
	Equal	
\rightarrow	Not Equal	!=

Assignment Operator

Before manipulating data, the data has to be stored in memory. The data can bestored in the memory only using the assignment operator. An operator which is used to copy the data or result of an expression into a memory location is called an assignment operator. Copying or storing into a memory location is called assigning and hence the name. The assignment operator is denoted by '=' sing.

variable = expression

area = l*b;

area = 3.1416;

Shorthand Assignment Operator

+=	a+=2	a=a+2
-=	a-=2	a=a-2
==	a=2	a=a*2
/==	a/=2	a=a/2

ARRAYS

Ordinary variables (the ones which we have used so far) are capable of holding only one value at a time (as in the above example). However, there are situations in which we would want to store more than one value at a time in a single variable.

For example, suppose we wish to arrange the percentage marks obtained by 100 students in ascending order. In such a case we have two options to store these marks in memory:

- a) Construct 100 variables to store percentage marks obtained by 100 different students, i.e. each variable containing one student's marks.
- b) Construct one variable (called array or subscripted variable) capable of storing or holding all the hundred values.

Obviously, the second alternative is better. A simple reason for this is, it would be much easier to handle one variable than handling 100 different variables An array is a collective name given to a group of 'similar quantities'. These similar quantities could be percentage marks of 100 students, or salaries of 300 employees, or ages of 50 employees. What is important is that the quantities must be 'similar'. Each member in the group is referred to by its position in the group. For example, assume the following group of numbers, which represent percentage marks obtained by five students.

If we want to refer to the second number of the group, the usual notation used is per_2 . Similarly, the fourth number of the group is referred as per_4 . However, in C, the NM news reporter Vivek Tandan

fourth number is referred as **per[3]**. This is because in C the counting of elements begins with 0 and not with 1. Thus, in this example **per[3]** refers to 23 and **per[4]** refers to 96. In general, the notation would be **per[i]**, where, **i** can take a value 0, 1, 2, 3, or 4, depending on the position of the element being referred. Here **per** is the subscripted variable (array), whereas **i** is its subscript.

All the members of any given array must be of the same type. i.e. we cannot have an array of 10 numbers, of which 5 are ints and 5 are floats.

- a) An array is a collection of similar elements.
- b) The first element in the array is numbered 0, so the last element is 1 less than the size of the array.
- c) An array is also known as a subscripted variable.
- d) Before using an array its type and dimension must be declared.
- e) However big an array its elements are always stored in contiguous memory locations.

marks = {80, 90, 45, 99, 100, 36, 88, 96, 67, 92}

80	90	45	99	100
Marks(0)	Marks(1)	Marks(2)	Marks(3)	Marks(4)

In an array it is not possible to have a group of items with different data types.

			00	100
80	99.8	"Delhi"	99	100
		1(2)	A(3)	A(4)
A(0)	A(1)	A(2)		

Is invalid way of storing the elements in an array.

Single Dimensional array (1-dimension)

What is a program?

A program is a list of instructions that described a task that you wish the computer perform.

The following figure depicts another definition of a program

Algorithm + Data Structures = Program

A program can be defined as the combination or clubbing of algorithm and data structure together into single unit. Here the algorithm refers to the procedure containing primitive stops to solve a particular task. (defining the logic of the program in words). Data structures refer to the modeling of the required data to solve the task.

In order to specify precisely your intentions, the instructions are limited to a number of core words called **keywords**. For example, a common keyword is **IF** which is used to tell the computer you wish to do something, only if something else has happened.

This language is not understood by the computer, which uses a very fast and simplified language designed to work well with the electronic components of your computer. This is called **machine code** or **machine language**. Few people program using this directly, unless of extreme masochistic tendency.

This means that you need something that will translate the program that you have written in to machine code. This is done using a **compiler**. Instead, you could

INNI ILEMS LEDULLEL VIVER LALIUALI

just translate the program straight from the source code without converting it to machine code. This would be done by an **interpreter**. Java uses something inbetween the two of these, called an *interpiler*.

Large programs can get very difficult to follow, and are thus split up into logical steps, each of which are called **functions** or **procedures**. These functions may be able to be reused in different parts of your program, thus reducing the complexity and time it takes to write your program.

Most programming languages come with a number of commonly used functions, so that a lot of the work has been done for you. These functions are packaged-up and put into a **library**.

SAMPLE

OBJECT ORIENTED SYSTEM DEVELOPMENT

INTRODUCTION

Object oriented Programming emphasized on the data rather than the algorithm. In the OOP, data is compartmentalized or encapsulated with the associated functions and this compartment or capsule called an object. In the OO approach, the problem is divided into functions.

OO language allows localization of data and code and restricts other objects from referring to its local region. OOP is centered around the concepts of objects, encapsulations, abstract data types, inheritance, polymorphism, message based communication, etc. An OO language views the data and its associated set of functions as an object and treats this combination as a single entity. Thus an object is visualized as a combination of data and functions, which manipulate them.

During the execution of a program, the objects interact with each other by sending messages and receiving responses. An object communication with other objects need not be aware of the internal working of the objects with which it interacts. An object can be manipulated through an interface that responds to a few messages. The object's internal structure is totally hidden from the user and this property is called data/information hiding or data encapsulation.

- There should be no doubt that OOD is fundamentally different from traditional structured design approaches, it requires a different way of thinking about decomposition, and it produces software architectures that are largely outside the realm of the structured design culture.
- There is no doubt one could arrive at the same results using different methods; same time but it is revealed that from experience that the thinking process, the discovery process, and the communication between the user and analyst are fundamentally different with OOA than with structured analysis.

On the other side the synthesis's states the following:

- Object oriented structured design methodology is essentially an elaboration of structured design. They state that the foundation of OOSD is structured design, and that structured design includes most if the necessary concepts and notations for OOSD.
- There is no doubt that object orientation has been touted as a revolutionary approach.
 is a complete break with the past. OOA is a refinement of some the best software engineering ideas of the past.

The design of an object appears over a sequence of stages. It's helpful to have this perspective because you stop expecting perfection right away; instead you realize that the understanding of what an object does and what it should look like happens over time. This view also applies to the design of various types of programs; the pattern for a particular type of program emerges through struggling again and again with that problem. Objects too have their patterns that emerge through understanding, use and reuse.

- OBJECT DISCOVERY: This stage occurs during the initial analysis of a program. Looking for external factors and boundaries, duplication of elements in the system, and the smallest conceptual units may discover objects. Some objects are obvious if you already have a set of class libraries. Commonality between classes suggesting base classes and inheritance may appear right away, or later in the design process.
- 2. OBJECT ASSEMBLY: As we are building an object we will discover the need for new members that didn't appear during discovery. The internal needs of the object may require other classes to support it.
- 3. SYSTEM CONSTRUCTION: Once again, more requirements for an object may appear at this later stage. As you learn you evolve our objects. The need for communication and interconnection with other objects in the system may change the needs of our classes or require new classes. For example we may discover the need

It is necessary to understand some of the concepts used

extensively in object - oriented programming. These include:

- Objects
- Classes
- Data Abstraction and encapsulation
- Inheritance
- Polymorphism
- Dynamic binding
- Message Passing

We shall discuss these concepts in some detail in this Section.

Objects

Objects are the basic run – time entitles in an object – oriented system. They may represent a person, a place, a bank account, a table of data or any item that the program has to handle. They may also represent user – defined data such as vectors, time and lists. ^{Programming} problem is analyzed in terms of objects and the nature of communication between them. Program objects should be chosen such that they match closely with the

real-world objects.

is associated with a polymorphic reference depends on the dynamic type of the

inheritance every object will have this procedure. Its algorithm is, however,

each object and so the draw procedure will be redefined in each class that entres the object. At run - time, the code matching the object under current reference will be called

Message Passing

An object - oriented program consists of a set of objects that communicate with ath other. The process of programming in an object - oriented language, therefore, gualves the following basic steps.

- 1. Creating classes that define objects and their behavior.
- 2. Creating objects from class definitions, and
- 3. Establishing communication among objects.

Objects communicate with one another by sending and receiving information such the same way as people pass messages to one another. The concept of message pressing makes it easier to talk about building systems that directly model or simulate anda her real - world counterparts.

A message for an object is a request for execution of a procedure, and therefore "I invoke a function (procedure) in the receiving object that generates the desired result Passing involves specifying the name of the object, the name of the function

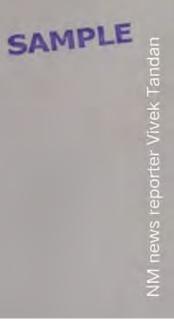
(metage) and the information to be sent.

POLYMORPHISM

polymorphism is the ability to react differently when presented with different information, known as parameters. In a functional programming language the only way to complete two different tasks is to have two functions with different names. In our project Operator overloading is implemented.

CONSTRUCTOR

Constructor is a special member function which initializes the objects of its class. It will have the same name as its class. It is called constructor because it constructs the values of data members of the class. In our project the values of data members are initialized through constructor.



Compilers

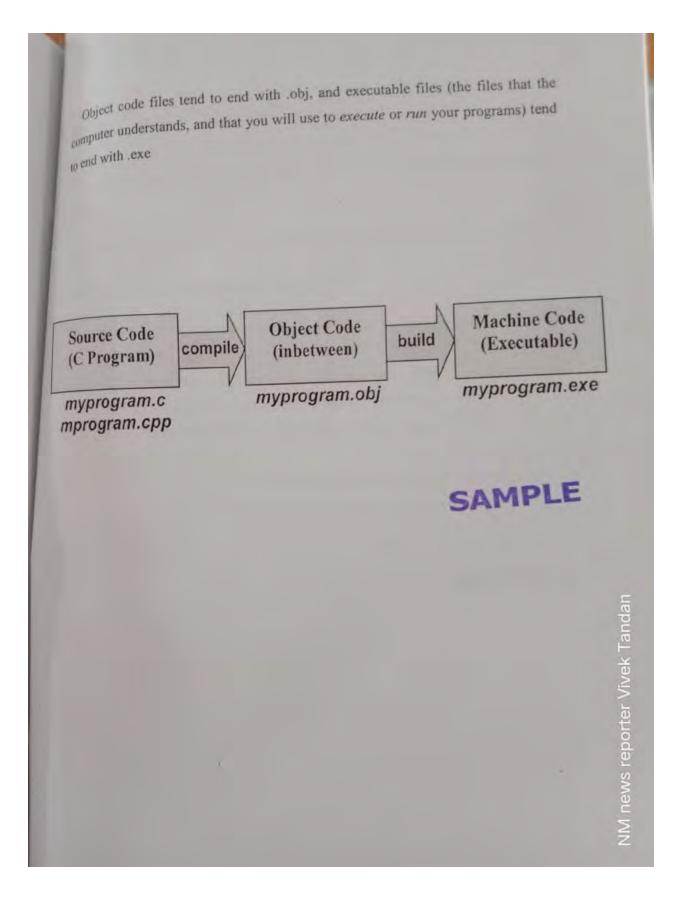
When you write your list of instructions for the computer to perform a task, called a program (or *source code*), you can write it using one of the many available programming languages available today - Java, C, C++, Pascal, Perl, BASIC etc. etc.

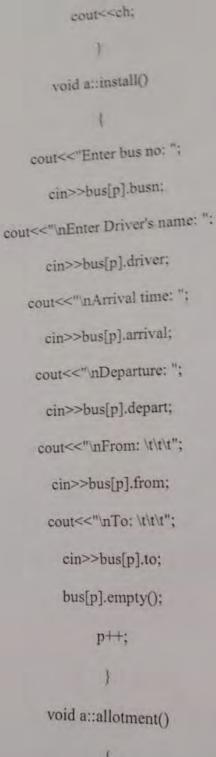
Once you have created your instructions, you will need to start a program called a *compiler*, which will take your instructions (the **source code**), and translate them into a form understood by the computer that the program is being created on effectively, it translates a language you can understand reasonably well to a language the computer can understand.

Many compilers have an in-between stage, where the original program (source code) is converted to something called **object code** - this is often used to package up procedures into libraries, so that they can be distributed to other programmers, without them being able to see (and thus copy) the original source code. It also tends to be a lot smaller in size than the original source code, and can also be scrambled for extra security.

This object code can then be converted into machine code, which is the language that your computer understands inside its circuitry (i.e. central processing unit, or CPU). This is also known as an *executable* file.

On your computer, C source code files can be identified by their ending – they end with c or .cpp (for C or C++). Note that C programs will generally be understood by a C++ compiler (C++ being the next generation of C).





int seat;

char number[5];

break;

3

else

cout << "The seat no. is already reserved.\n";

}

if(n>p)

{

cout << "Enter correct bus no.\n";

goto top;

}

void a::empty()

{

for(int i=0; i<8;i++)

ł

for(int j=0;j<4;j++)

{

strcpy(bus[p].seat[i][j], "Empty");

}

}

1

void a::show()

SAMPLE

<<"4.Buses Available. \n\t\t\t"

<<"5.Exit";

cout<<"\n\t\tEnter your choice:-> ";

cin>>w;

switch(w)

{

case 1: bus[p].install();

break;

case 2: bus[p].allotment();

break;

case 3: bus[0].show();

break;

case 4: bus[0].avail();

break;

case 5: exit(0);

}

}

return 0;

CONCLUSION

There is a great scope for improvement over the manual system which can be affected by local interference. . The computerization of the system has sped up the process. In the current system, the storing and retrieving process is very slow. The Pelephone Billing System was thoroughly checked and tested with dummy data and thus found to be very reliable.

ADVANTAGES

- It is fast, efficient and reliable .
- Avoids data redundancy and inconsistency •
- Very user-friendly
- Easy accessibility of data ٠
- Number of personnel required is considerably less ٠
- Provides more security and integrity to data

SAMPLE



विषय () विषय () विषय () वितरुठा मानचिक्र भूममाम रेखा मानचिक्र कान्छ विद्यि प्रमुक्त जिन्छ माना रेखा पान चिक्र पट (6) भूवेजालिक मान चित्र पट श्रोत रू १२४१२मां को भुन करना ATVINAJ VENAT YOUAR UNIS. 7 (2) भौगोलिन अख्ययन से सगलम SAMPLE

SAMPLE

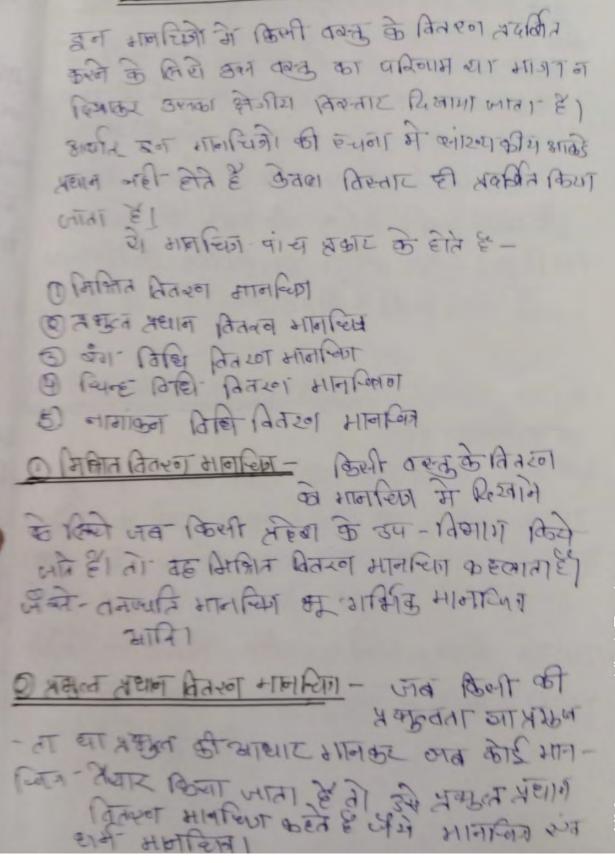
ा जबंधित संदेश का किली काम्सीज सहीय घटवनामा गया आतग्रका कुला ८ भवाायनिक छापाता भाइतिक विभागा स्तीमांस कांकित हो। 3 अब कित क्षेत्र या देवा के आतरगढ क्षांग ने भाग -जिंग असे - बिन्द्र तिहि के द्वारा जनसंख्या फा तित्रग सब्बिति करने के लिये र-पालाकृतिक मानच्मि, जिसमा नहारीय व ग्रामीण वरित्यो के कियतियाँ यो राष्ट्र हैं। इसी सफार प्रतितहन मार्ग के लिये-उंट्यायन्यं च अपताह मान् जिंगी की तथा जबन्ती का क्रित्रण विश्वलाग के लिये जलताफ न भुदा भान - िकी की आत्मार होती है। 2) आनिष्मि - व्यनामार्गी रंग सार्वयम् उपकर्ण

चितरन मानच्छि बनान के लिये निम्नक्रियित्त माज रमगान की आतवयकता होती है।

1) मामस्थित में सवलिति किथे जान वाले तत्व के ध्यही-

व्यही थ्यांख्यकीय आकेडे |

360 सधान 1तेतरू भागाच्या



360 सधान तितरु भागाचा

इन मानचित्रों में किसी वस्तु के वितरन स्वतिन करने के लिखे जल कर का वरिणाम या भागान REMEDE BENDE RADIE REMENTENTET E) अर्जीत हन गानियिते। की हनना में क्लार्ट्य कीय आर्के प्रचान नही- होते हैं केवला विस्ताट ही अवस्तित किया (गांता है। हो अलच्छित पांच सकार के होते हे-ा मिलित दित्रन मानव्यि @ त्रम्द्रत संधान क्रिवन भागिष्टि 3 जंग विद्यि वित्र भागिकित 9 व्यन्ह विद्यि वित्रकां भागिकित 5) नागाकन विहि वितरण भागम्बित्र (मिम्नात वितरन मानस्मि - किसी वस्तु के वितरन) के भागरिका में दिखोंने के किये जब किसी महेबा के उप - विसाग किये लोत है। तो वह भिन्नित वितरन भानस्ति कहलाताहे अर्चेन- तनल्यानि भागस्मि मार्गित मागादिमा 21771 2 महात्व मधान वितरन माननिग - जाव किली की भ्रमुद्रता जा भ्रम्स या अम्प्रेल दी आधार शानकर अत कोई भान ित्त - तेखार किला जाता है तो उसे अक्मुक प्रधाने वित्रप्त भावन्ति कहते हैं जैने आनन्ति रुंत

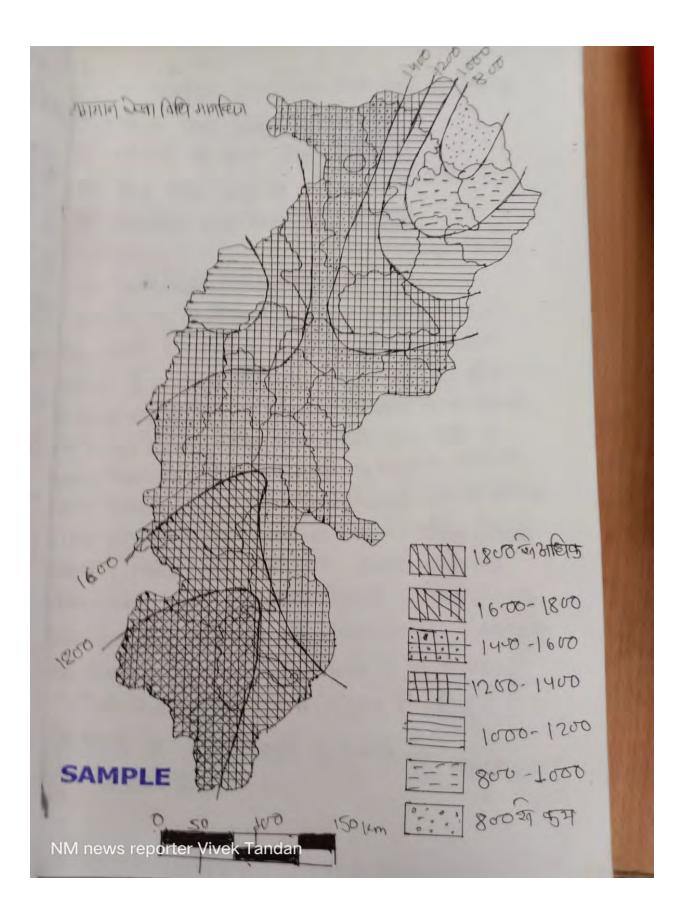
3 हैंग विश्वि वित्र भागिष्टियां - मह किली प्रभी To Amoi an ist के जिन्ह ज्व मानाचित्र में जेती का संगोग किया अमा ही ते। उसे रंग तिथि कहत है आमान्यतमा निचले भेवामी के हरा उच्य मेदानी या. निष्पेत य जरो में पीता, पढारो में भूरा तथा अलाकांसी में जीला देश संयोग किया जाता है। राजनीतिक भीतिक, हर गार्किक अर्ताट (काटरी मान-बिजी में केंगी की सद्वित किया जाता है। (A) सिन्ह तिकि तितरण भागरिका - तिमिन्न तरनुहो। अपत किसी रह तर्द के किन्ही तत्वों के भागरिंग पट भद्विति करने के लिए जब - जिन्हें का काहार लिया जारगे हानीतार के आकार में कि सा छे - 1570 विद्यि वितर्ग भामानिम कहलीन हे भेजे. कृषि - अपज अीट स्विभ नतेती के उत्पा-देन का डार विद्या द्वारा अद्विति किया UTAL & NM news reporter Vivek Tandan

() नागंकन विधि निसल मात्र पिन – विभिन्न तम्म का की दिखाने के निष्ट तरन, जा स्त के नाम का कीई शेवा जैवने , कपान हेतु के ' अवड आइलि को ' को को कित कर दिखा जामां छै। इस सिद्धि की ' कन मानप्लिंग का नामां छैन विद्दि! नितरण मानप्लिंग था केवल नोगाछन नामाच्यित कहते है कृषि उपज औरयोगिक उत्पादन और होनिज स्नम्यदा हेतु असी तकाट के मानच्यित कारी जाते ही

भागा सहात वितरन भागर्भका

मागा सम्मान तितरन सामपिनो हो किनी तर्द के तितरण की सहबिति करने के किन उत्सकी समाग या धनत्व की संदर्शित किया जाता ही इन सामजित्रो की फांस्टिक्की आंद्दो के आह्यार पत ते जार किया जार्सा ही MAR Reporter Vivek Tandan

म्हाह के गाम्पीला होका गाम किली की आखार के दिगार भगान का लगार भगान कि लगार	न में दी गई है। हम
. क. जिलाके जाम	अगिमत वार्षिक पर्वा निसी में
D GRAZ	1934.0
(2) Forder KAINZ	1449.0
3 दल्तेताडा	1913.30
(4) बाजली	1462.10
(S) zaf	1568.00
6 unounte	1224.80
(7) Matthe	1003.30
(8) años	1622.20
	1219.40
9 900001 10 2017211	16.06.0
11 250811	2070.0
12 216727254	1511.30
13 -21-4772	1221.30
14 21150	1403.60
NM news reporter Vivek Tandan	14.70.10
and the top operation of the the the	809.0 SAMPLE



या भागचित जिम्बलिखित मिल्न सकार के होते हो

- (D «INDIA QUAT AFET STRIFERI
- () तर्गमापी या हामा तिह्य अमितिज
- (3) And aler simple
- (प्रमागतिन हाना देखा तिहा भाग दिछ

रममाग देखा भागत्मा

गानिष्मि पर किसी प्रते के जमान मुख्ये या धनती र्दात्र जामा छा। कि किलाने किलाने कि किलाइ भ फार्ट कटलाती है। अग्रेजी आणा का यह जावद मीड मार्ग is 1900 etallion dell plethes (MTG) area of ARAGE ाणा हैं तला दरनेवा जाबिक हात कामान मान वाली या आगान केला होता है। देख परिशावा के अनुसार समितप साम सामदात रेखाएँ समाधल पामदितवाती देखाएँ समाच्य रेल्तारं सामकाल केखाक कामलतात। केखार सामिस केखार गाम्यकाए जेर्बार तरा भाषा पत्र पत्र के कारि शादि शा . हात्वा - किंग्न सकाट की कामान रेखाई हे तया इन्हें भान. ग्ला पर और उभी भागा की भागान देखाएँ हतेया इने मान पिए 42 जीक अभी अस्त बनम ही जिस सकार स्मोल्प देवाझों की बनाया जाता ह भौगोलिक अध्ययन ज अमुदा होती है जिनमे से प्रभुख इस YETT' &

(contrar (bog ?) white our will of 20न्वर्षे तेला का किलाने तेला भिष्ठा भिष्ठा हिंदी in Isotherm (आयमियार) कामाता war- जाता म तापक्षम वस्त्रि भयानी को भिलाने पर ताली देखता] 11) I.Sobasi (काम्रेले ह) एनमेशाह केरता - एनमान ताय, -मार तसे एकाने के जिल्ला ताली ऐसा।) 180900 (आदर्गामान) भामतित्वत्रग लेखा- एनमान यूम्ब कीय किंबलन ताले एन्यानी का मिलाने ताली केंगा।) ISOboth (अग्राय) भगम भारणाई केशा- एयान भग्रदी गहराई ताले भयानी की भनाने ताली केणा।) JSobalin (314 स्तालोडन) स्मालवन किया स्थान स्पर्क भी खतगता (स्वस्थापन) ताले स्वानी की मिलान don Starl ISON Octic (3113स्त)नामस्ति) भनग गहां नेपा-अमान इति के अतिकात ताले क्यमों की तिलाने 201 1 हर्ने आगानित पर दीछ उसी प्रकार विगीत ज्या जाता दि। जिल भक्तट भमोटन घेलाओं का जनमाम जाता है। NM news reporter Vivek Tandan

e all Break	forthe la thoras	िल्ली का भाग
BS में अधिक	7	भगाउँ प्रतिहर भगाउँ प्रतिहर
30-35	5	विश्वमान्द्र, म्होमी वर्भमप्ट गरियांबद वलीवा वस्तार्
25-30	-	-
20-25	2	भा जातीर न्वांग्या अस्ति स्त्राइन
15 - 20	13	व लीका-, वस्तट विज्ञेत्टा, 237 काकेट, कोठा गांत जावायपुर, राध्याह वा ज्वाद्य्यांत का- कार्या - ज्यापुर कार्या - ज्यापुर
10.12	5	दतिवाडा, श्वाममी राखाफ्ट कफुफ्मा का रिमा
1029 459	1	anno
		SAMPLE

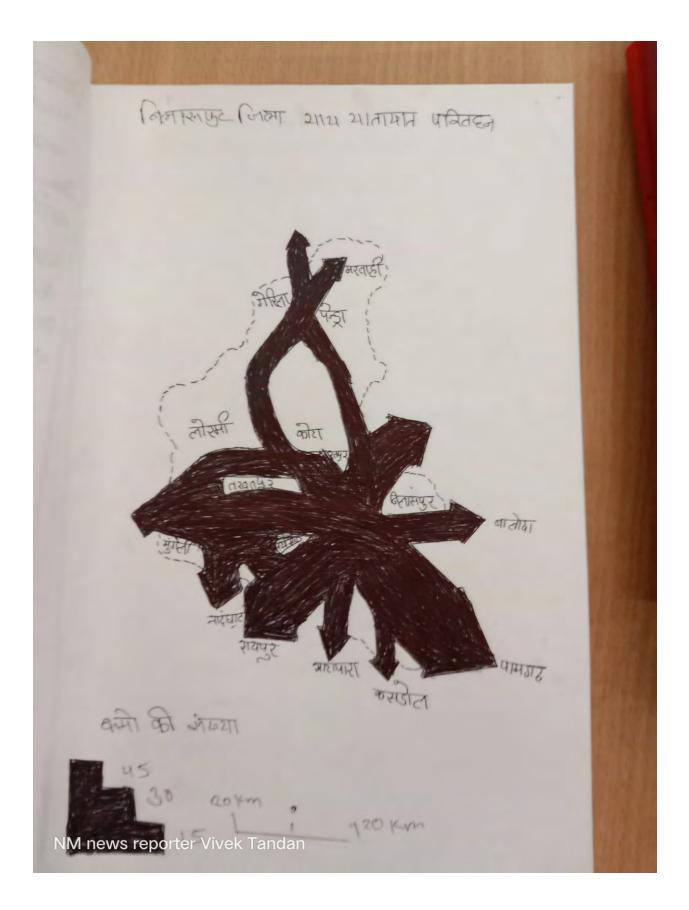
क विरुघरी के रिख्यानार मिता के तिरंग के स्माहत के कान्यलाद खायात्री को हलका जा समि क्रमा आवश्यक होता है ये ध्वमान्य हामा विद्यि के अलगार सेट बिरेन में कवि अभी उपयेश के दिसलाभा गया है करन भगनानित ही रूनही हिमार भग्रती गरी हायाओं को हरन सकार अंकित किया हैं कि अधेक भाभि अप्रीग करितेहा के भागी-गामा हो कह स्टी ह्या अठी- जाती ही सुछ र्जीन अमल्मि के सकाकान हो अपिया माद धन धेता हैं अप्र: फ़ल्ते आहि में वंगविय भागावान को लगहायमा से मिला काल सकाट के भी अस्ते जातवान - करिवन्दा कृषि पेरियाँ, जन्मी के देन भिरहीने के सकार लाँहोफिय पे हिंची त अगिम द्वित आदि का तितवना दिखलति हि विद्र ते के मान कि न तन मनकिंग हो किनी तर के कि का असीगा किया जाता है तो उसे विन्दु-तिहि कहते है अरते काराश एक विन्द्र का कोई गान शिविस्त कर के ही भारे प्रव्यात दिस्ये हुए झेन को अत्येक विद्याएं। जैसे देश, अाच्या, भना पढ़ तहसील ज्ञा लिका में यहा के भोकिरों के सम्प्रम कि महस्मी की सर्वमा आतत करते हैं के त भे NM news reporter Vivek Tandan

10 पर्यापत्र 318217वन के बिना कामान आकार के बिन्द काला कठित होता है। (छ) होरी- होरी लांगियकीय उकारती के आह्य पट अगके हपलाव्य ज होने की रहा ही बिन्द तिहि व, सारा विसी वरने के विनश्च की वास्त्रतिक द्वायी का यहाकर जिनका प्रताहार दन 3 विन्यकित भागापिस जगोन के लिए रेस् आधार गणानिमा की आवडमकता होती हि जिसमें आक्रमक लाफिय कीम ईकाई दोगों की जीमारें देखेंग हैं। नुकि दर्भन से काट के आसाट भामन्दिंग स्टेर्नेत अन्त्व गही होते ही आतः ज्वहायक आन्धिनों की व्यहण्यता का आधार भागवा श्नीमाओं का अकिन कहन 5 लिए अतिरिक्त परिष्ठाय क २७में की आ क्यक्ता पडती 81 (1) तिपय की मानकारी कंत दिये जीये होग के कींगोलिक जान के अगात में बनही - भाही किर्देग वामिकि किमा किनि हिंता ही 3 (केन्द्र किन समाचिन की नकन स्तिलिपी कनना किता होता ही 6 बिन्द्र को कित करने की अखिमी में भानजित्ति कार के द्वारा की गरी शरिशी की मानचित्र मे मित्र होता ही SAMPLE NM news reporter Vivek Tandan

्रियाकार्वात वाचा ठेट्वा.

िक्सी दिये हुए किन्द्र की अझान असय केने पहिंचना तीले करणीती की आधाषित में भिलोगे वाली तेरता की अभागाल के रातारों कहते ही प्रसिध कि विषय कार्यत मार्ट आ गढ के लीगतात र मिल्ली की दिये हुए बिन्छ हि अगग्य में क्री किन्दु लम पहुंचेगे में आमान आहाय द्वारा विष्मी केन्द्रीत अशान के शाने की मिडिल्ट क्षम्म के अन्तराल पट भाग का तेग सकट किया जाता ही- द्वीके मूखा की तेजा परितहन भाषान के अकाट पट िक्षट करता है 102 मुयानी ने ता भाग में जेंगे वरित्रे आगय को इतना कम कट दिया है कि उन्मि ज्यांगे घट वाम्यांने के धारा आज फेतला चंद शकी में पहुंच्या जा अच्ता है इनके लिसीम आम्न भी मेरनाट के अतिकिर सीह कि में रेजे बनेक प्रतत अकरण्डली त तेन रिजी हा जहां परितहन की आध्दानिक ब्लाहानी का कोई विकाल लही कि? ्ता अफ्ता ही अभकालीन भान देखा दारा श्चित कोर्ते लकार के देखी के भाग अंबहित विन्तता के 2.2115 , किशा जा भारता है NM news reporter Vivek Tandan

ञ्चः विवाम्सफुट जगा दे विसिन्न रिकालो भो आ प्यतने वासी बन्तों की येथना की अक्कालीन आना देखा की जिए।		
010727	VISTER TO THE	
UNDIG.	40 40	
केमडोल	8 8	
SII CTUTZI	34 12	
4127GL	34	
oniceric	18	
मेंग्रेकी	15	
त रवतेम्ट	24	
ले।रजी	15	
abiet	21	
गांवेला	24	
भावेला पेन्ड्रा	.10	
	10	
मटताही २ तेन फुट	15	
नर्ताख्य	.9	
NM news reporter Vivek Tandan	SAMPLE	

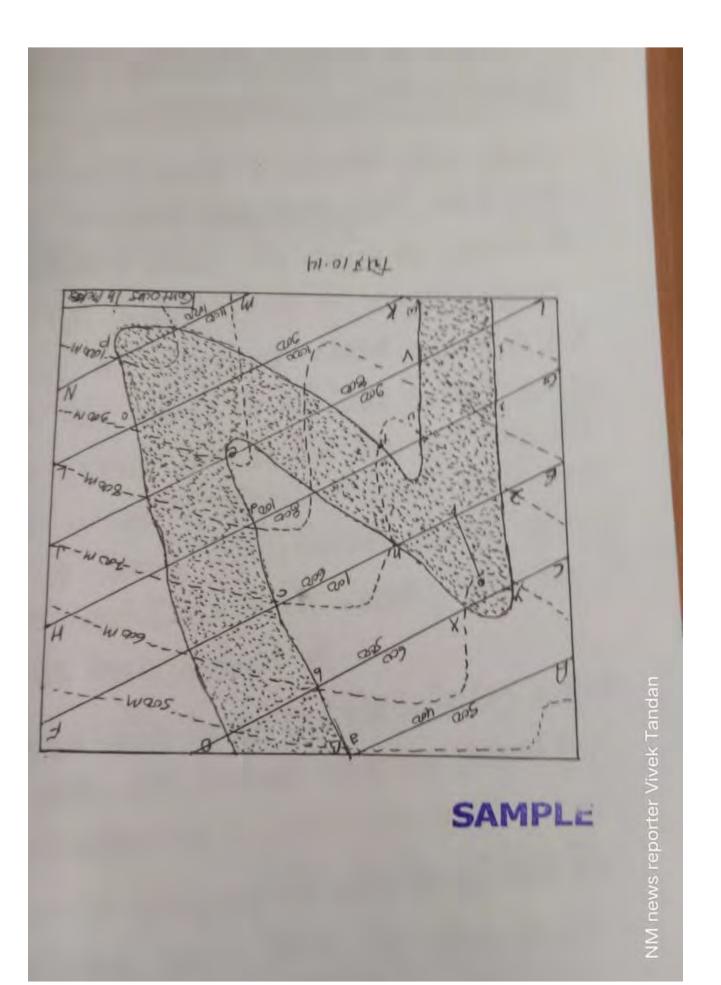


भून- तेडाान्ति भारतविम 101 CA 1-1 SAMPLE NM news reporter Vively Tandan -

) जावि केवला कक कार्यत्वन तिला के तीना more non thereford the they an initial THIS ATTO ZITILY TO ILASTO TO S IS INTA - गाहिल जिस्ते द्वार्य जेरते हा तन पुरा Ball the and 1 । यादी दल्योंका की एंग्रेमी केवल करते हैं तो संस्थ - 18TH TOP 10THO - 19TH- 10 TO 21 STILL TO 1970-त दिया जात हाली - ताहरे कोल - हर्गाती की न्त करते की निहि की कुछ उदाहरत के साथ न्यार्भ ने रहता गान राज्य खण्ड सीति - रिगाह later Asal viteaz of aller 200 alter है लगा आनिषिम पर उसके उत्परी योस्तरन FIN DEMINI X (600 ATEZ) X (600 ATEZ) TON 2 (700 ATEL) ATOT A-331) 42 Fran E (THAT 10.14) -4 (X doi Y (A-23) 6)-क्यारे पामान ही अतः इन्हें जिल्ही ताली 0 म्प्रेन रेड्रेन उत्तरी क्रांस्ट्रेन तता घट 600 केर को एक लतिलम्ब केच्ता होगी। हि चे विष्ठु किल्ला- किल्ल छेंचाई वर्ति होंगे-ता पहले बतलाई उर्छ जितिन्दू तिहिन के सामा जति लाख के जाने के बनाई जनाई जा Mont of

उप सकार जिन्दी ध्रेष्टतवर्ग तल के लिये AB. D. EF, UN, U. KI AUT MN ALAGA 204131 के साग क्रमनी: 400 भीटर, 500-ATZE ,600 ATTE TOO ATTE ,800 ATTE JUCE BIEI (613 3194 0004 105 2594 00C वतलाची गई विहिं क सम्ध्यार भागित्या मे फुन: ज बिन्द्र जात कीनिये जहां केर नवीन मान बाधी जलित्मन केरना अपने भगन के वसवट मान ताफी किसी एसोट्य जेस्ता की सतित्देद Mat 21 Hoter IT K, I, M, N. 0, P, 9, J, J, S, , 4. V तया w केरे सतित्द्वी विन्द्र है। उति: K, 1. n. 0, P.9, 9, S, C, 4, V dat w (dezzi) & Alle में के हारा जोडकर ऑस्तरना का निचला भरितरन 70- 1057-1

SAMPLE

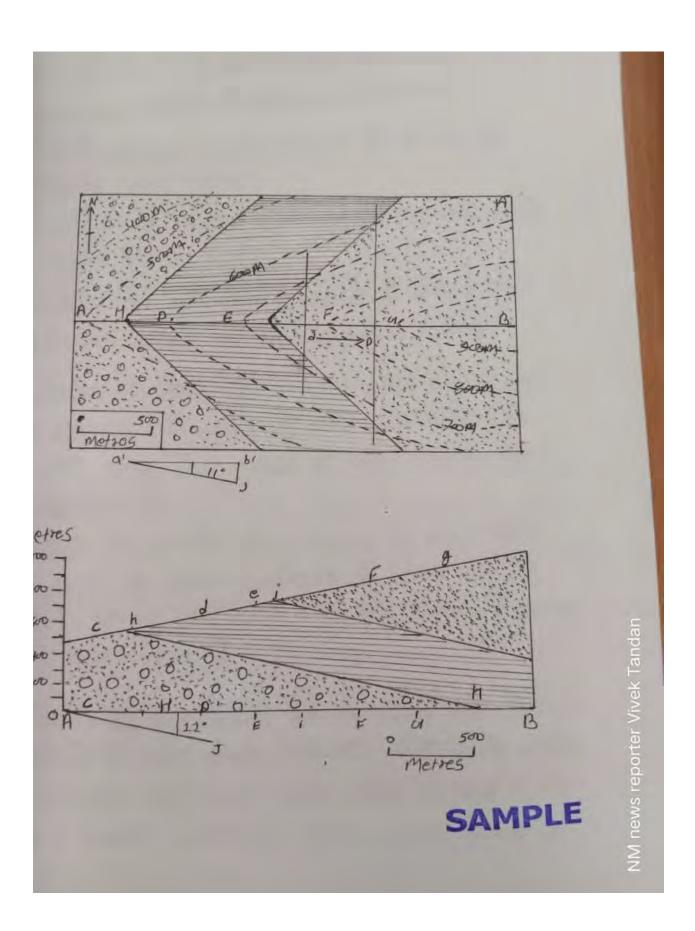


(constanction of meological decisions)

इन्हेगानिक मानस्ति में सतिदालीन केंसा- भंस्तरों के अन्द्रकामन आद नमन मांहारे, मारारे तया अन्द्रका के सामसेने के साहमानों में। स्वाहनी प्रवायते की सामसेने के साहमानों में। स्वाहनी प्रवायते (मलती हैं) तजन्तुन: आन्द्रज्ञानों सामे का अद्देब्र चार कतिसामा जनजानों होना है कि वादि फिसी दी गई ऐसा के फारे शामति के अहताशर दिगा के नीचे तर्फ काट क्ष्या जोम ते शब्दाल के नीचे किंधन कील - फॉस्टन किर्प में शब्दाल के नीचे स्थित कील - फॉस्टन किर्प में आवलाई पेडींगे । मानस्ति पर श्रीनी उद्धे जोई ह्या रेखा। जिल्लेक काहोर क्षत्राणां लनामा गया है, कार रेखा। जिल्लेक काहोर क्षत्राणां लनामा गया है,

अन्त्राम बनोन के सुरे दिये जोगे अप्रदेशानिक मानचित म सार्थी - ऑरी रिखीक्षन के के चाह निविधान कर ना - थाल्थि कि

भानन्धित की अभ्र अद्धिति बनाने की छत्ते दिये गो। असिरानिक संस्ताट द्वीतिल , नंत, कानित या आकर्तिन



All d'ambre analant ab abla - Alle (Method of Describing the uneo logical Maps)

भिण्णी मोर्द्रसाम मामविद्य का तठनि नि कि क्रम के अन्यत्राह्य अल्ला - पाहिल :

आनको को न्यारना एक्या भावनी कंत अलम उलमें अद्यित होग का नाम ।

भागवित पर वनी कमाच्य केरताओं के आधार पर हारातलीय लगावर का पांसिदा उल्लेख कीलिए।

भागविषा में कितने कीला - प्रमुष्ट (आधरि काभाग आग् त संवरपना केले संवरत्ते के जामुट) दिखलाये मये " तथा सामेक कीला - काम्राट जे कितने संबर संबर कामिगलिन द्वा

माननिक में अदलिति सत्येक स्वारुग्र के नमन की आ, नगन को दिला व नतिलग्र्स की रित्या का है? मरक्त संस्तरेग का नमन कार स्वम्न स्वान हिं आपता भा जिल्हा है?

संगतने का आध्याणायन क्या जतलाहरी तथा तिभिन्न संगतने को इस क्षकाट कार्तियत जीलिस के आबसे हराने एंस्तर की जिन्धति स्पत्नसे नीचे हा तथा उजक उर्जर क्रमरा: उत्प्राकृत नवीन संस्तर निथन हा NM news reporter Vivek Tandan जासले उन्हें ये कोने गान हो यह सात हो कोई की हे पंषस्तर अन्य कोर्क्ति की खुलना ने नतीन ही नयाता अप्यीन ही तथा उत्यका जिमलि किनकार्यन्तर न के तथा किन लेखतर के प्रक्रयात हुआ जा। त्रेल्क शंहतर की गोहाई लिखिली]

) गानस्मि मे सदावित देन की मुक्ति मिक संस्थान लिखिये तथा व सह बतबाईशे फिक्सा वहाँ तबन, भ्रेजा आपता विषभविन्यास विद्यामान है। यादि वहाँ दबन आपता भ्रेजा है तो उनकी तका क्या है?

) फाका में स्नानम्हात होग का भूतेंग्रांनिफ उतिहाल (क्रिये तचा उप्य होग की भीतेंग्रिंगलिफ भूतेंनालिफ (क्रिये तचा उप्य होग की भीतेंगलिफ भूतेंनालिफ स्वान्धो, जेंचे तलन न प्रांग कि किया, अपरतन, भ्रायिका त्वान तपा निमल्पन भादि की काला पुरुष्ट के सनुसाट तलाने हुए होग की भुद्धितालिफ एंग्र-भना पट उन धरनाओ का अभात समसादरें।

भूविनामिक भानविमो से भाव कियत आवठा क बाते। पट अवार करने के उपायन्त, भिन्न-भिन्न सकार के सेरतर दर्मित करने वलि भान-व्यि की पह्यानेने र्थत उनक भूवेसानिक अनुझाम बनाने की विश्वि की उदाहरन देकर समाआधा उम्मा है। NM news reporter Vivek Tandan

होतिल जेल - संस्तरों के बुद्धिा निक

[1] होतिहा संस्तरों की पहचान

होतिज कोल- संस्तर सदतित करने वाले श्वतेशानिक भानरिगो का मुख्य लहान राह है कि इनसे संस्तरों की श्वीग्राष्ट्रं श्वान्य केलायों का क्षतिच्दित्वन नहीं करती आणति भानस्ति में श्वान्य केलाएं तपा श्वास्तरों की श्वीमार्ष्ट छक प्रश्ने के करीन करीन श्वालर होती हैं। भानस्ति 10.16 में A.B लग द तीन शंरतर दिखलाये रामे हैं। इनसे के किसी भी विस्तर की सीमार्थ स्मोच्च केला हो कही कहती भीत विस्तर की सीमार्थ स्मोच्च केला हो को नहीं काटती भेत यह रख हीतिज कोल रंफ तरी वाला अत्वित्वा निक्त मान-चिंग हों

[11] अनुभाग- क्यमा भामचित्र पर XY कीई काट जेव्या किवीये 15स काट देखा के बशाब ट अनुमाग की आधार केरता XY बनारूथे । आधार जेखा के दोनो फिन्ने पट लम्ब उठाइये तथा दन लम्बी पर भानचित्र मे दी गई माधनी के अनुसार कार बेखा उद्याइगी के चिह्न भोकित किजिये । अनुसार कार बेखा उद्याइगी के चिह्न भोकित किजिये । अन ठेज्स बतलाई गई विधि के भोकु सार काट बेया व एसीच्या देखाको के र्रसित्त्हे रन बिन्द्र भो की अनुमान त एसीच्या देखा पर एशाकान्तरित करके धराततीय आज म्हार कार्या पर रशाकान्तरित करके धराततीय हारित्त क्या पर रशाकान्तरित करके धराततीय प्रारंद्ह रिश्ली की बच्चना की कियी ।

הוז שווה ה ואשתי ש D.E.F. א אשו באה-स्कि बिल्द्रेका का परिदेविका पर अमरा D.E , F', 11', H' त्या I' बिल्क्सी द्वारा संघट विजिला अत कि के अनुसार परिन्द्रिका पर अचित डन I Good as allow The A. A. B. W. B. W. B. W. S. C. L. C. L. S. C. L ज केवालें कलामामा में तिकिन रेस्तरी के बोल्तरता ल्ली का सकट कोर्जी। आलच्चित के सदाबरित काच्या-लाखहार उक्राक के उक्र माईने क्राइने गढ़े मूर्व की किये।

(1) 8 dan long care 211

अष्मुन उदाहबन में 11410,000 निरुम्पक झिन्न पर निर्मत करक अर्जेक्सानिक आगरिज दिस्थाया गया है। इस गानन्दित के कांग्रोन्ट्य केखंगतरख २०० औरट हैं। शरमनीय बनावर के विचार की गानन्दित में तीन कांग्रीकामा पहाखियों (रेट्र्यायाई दिती हैं। गह्यावती पहले की राठाद्वात को उँज्याई 1,000 भीरट को कुद् आष्ट्राक है जाब रोनों पहाछियों भह्यावती पहाडी की आष्ट्राक है जाब रोनों पहाछियों भह्यावती पहाडी की

भाननिज में मि, B तबा तीन होतिज कोसे -अस्तेरो दिखलाक गरी है। दश्रीर तट कावरोठ्या हे तथा बकाके जिन्दे B स्तर तट ही NM news reporter Vivek Tandan A एंगलर एकि मीचे कियत है। इस प्रकार C प्रंफनर बिरायमाए गये हे पक्से जवीन क्ंत A पंकरतर काकरेंग प्राच्चीन है। B एंगरनर का निद्दे। पठा C एंगरनर को घुवे तथा A पंगरनर के पत्क्वात हुआ था 1 C क्रांएनर की थायाओ मार्थ र पा गीरर तथा B रंगरनर की शारा मार्ट्स बल मीरट के क्याभग है।

भूक्तिानिक इतिहास के दृष्टिकीन के दन भंग्नेरी का जिहीपन किली भाग्य आदि में हुआ था जी वाद में सात्यान के पलाप्तरन्य काम्य की स्तरह की उत्पट उठ गये की । तरा शिल्यान हो भार तरी में कोई नमान उत्पन्न नही हुआ और ये एंतर तर अपने सूल होतिज कप मेवने हहे। तत्पक्सात संख्याती टीले के दोनो आह कियत नरियों के झारा इन स्तम्तरों का आपदन हमा । अपन्थन का प्लबसे साधिक प्रकास त्रेत्तत पर विस्वलाई देता है। इस एस तर की जादियों ने वहत अबिक काट दिला हे और इराका केल मेछ थेहा भा आग ही अध्यतती पंहाडी के कारि पर कोव पर वसा ही अपटला के जल रतरनप मे तया B शंस्तेर का जादी धारिशों के पाइती पट अनीवरहा हो अभा ही NM news reporter Vivek Tandar

नत अस्ति - श्रेरतेरों के अर्द्रतेशानिक भाषान्त्रिश

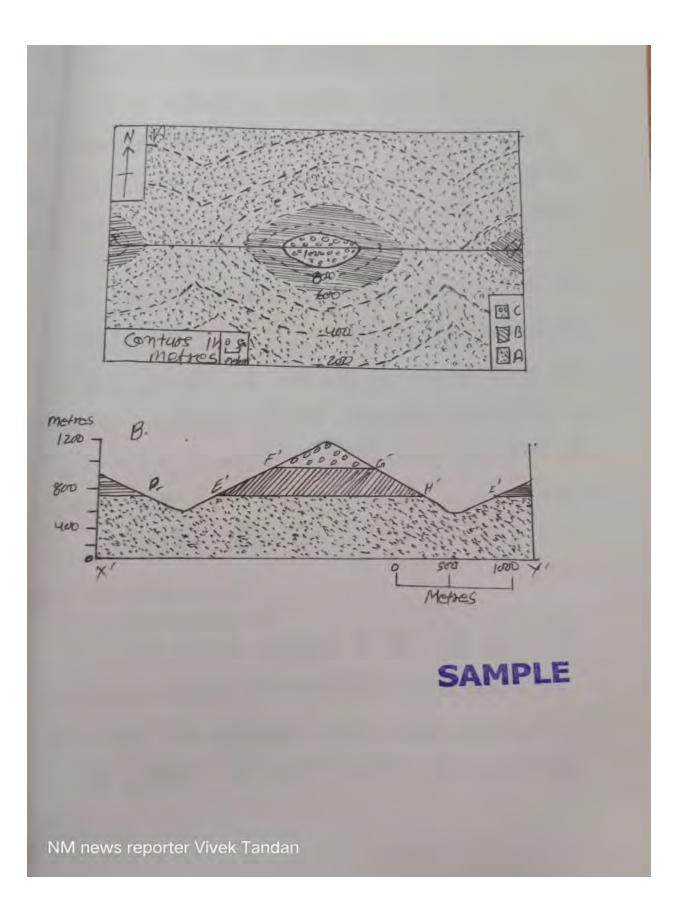
[] नता रंगस्तरों की पहलान

जिन कार्वेलानिक कामनिकों में कार तरो की लीगाई तकाकार बेखाओं के रूप में श्रमान्त के बांग को को की की काम के स्थान में को की को किसी के करती ही ने आगरिका जिकिस रूप के काम बंगरतर वाले होते ही नाम भारतर ताले भाजातिम में किसी शंगरतर की खोगों औगरें या वंग्लतरन में कर कु खुरोर के रोडे - बहुम भागान्तर होते ही कि एक खुरोर के रोडे - बहुम भागान्तर होते ही जिस (ज्या) 10.17 A की देसियो । इस भागान्तर होते ही कि . GD. तथा ह शंग्रते की शीभाई बहुन-खुद करत्यर शमान्तर ही तथा वक्ताकार के रुप करत्यर शमान्तर ही तथा वक्ताकार के रुप का भगी त्या के की सी रहेरा की की भाई के रुप कि सी भगी त्या के की सी रहेरा की की स्थला जिससे सेकर होता ही के ये का सी रहेरा का तन्त जिससे सेकर होता है की ये का सी स्थला करती हा जि

[11] अलमाग रन्यना

NM news reporter Vivek Tandan

नत संघतने की अनुभाग में दिमलाने के लिगे अवियम सामन्मि में सबिति किसी कोरत्त तल पर या नतिलम्ब देखारें खीन्यकर धोरते। के तमन की सामा ज्यात की जाती ही



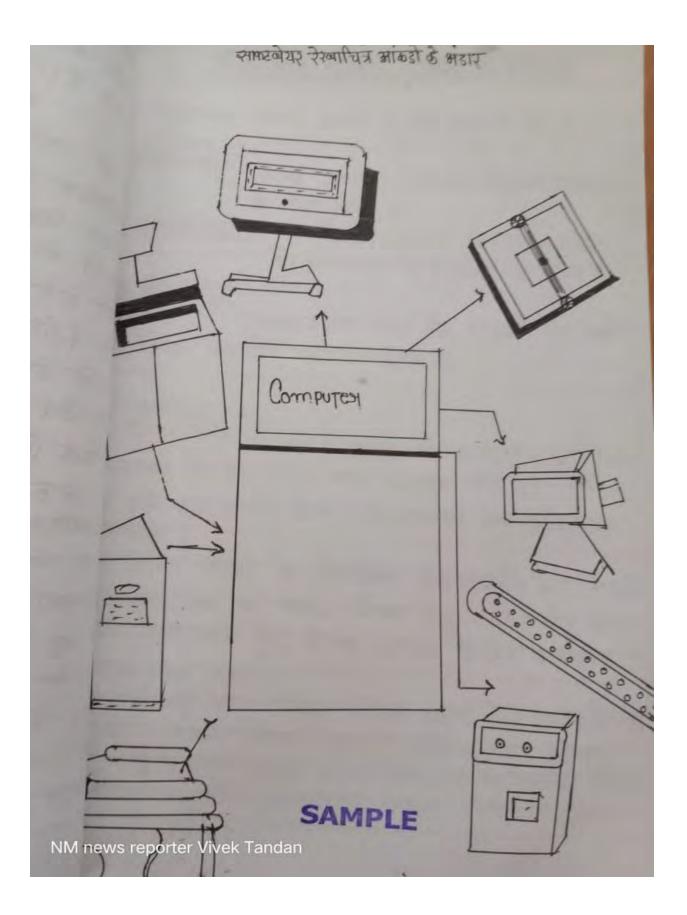
तथा सरीके उत्तार कियत कुझ्मा 'B, ८ , D तथा ह संस्तर उत्तीलार अपेवा कृत कम आयु के हे आवर्थ स्वतिमया म अस्तर का निर्झापता हुआ और उसके प्रस्थान कुमानुसाट B, ८, D तथा ह रहेस्तरी का निर्हापन हुआ 13 तथा C संस्तरे। जा प्रत्येक की अधार्थ मिराद्र 150 मीरट तथा उड्ट विहार आराद २०० मीरट हे 10 सेरतर की भाषार्थ ओराई 75 मीरट तथा उट्ट विहार मीराई 100 भीरट ही

स्रतेमानिक इतिहारा के दृष्टिकोन भे मे संस्तर अमविन्यासी है, क्योछि क्रमान नमन की भाषा भिलने को अफट होता है कि उपलेखन स्मा रेस्तेने का निष्ट्री पन कार्थ रुकु ही भूक्रिलकिक मुन जे कालार क्रम के हुसा आपस्मुम की स्तब से से उन्नर उठते स्मान में अंस्त 2 जा मूल क्य से हीतिज अस्मया में नत हो गमे]

SAMPLE

NM news reporter Vivek Tandan

gitations afreiait Foinar NM news reporter Vivek Tandan



Monusperter Marks को की की कारण की आफ्टतेय काली है जिसकी जिनका आधिकनमना विशिष्ट की मोलिख करवना हो। हैत अबहित करोगो के अम्रेस्टाको अव्याहतरण सब्बनि हे कु किया जाता है। अंद्रव्य क्षेत्रका की जीगोलिक अख्यना श्रणाती कित्रकी का अपयोग के प्रमोद्दा की की विक्रेले का अप्रति है जो की गिलिक विलिष्टता को के विक्रेले का ही तफनी क का अपयोग तीव्रता की ही जहा है अते की डनका विकाल सपक ामी जे ही हा श्हा था परन्तु वर्तमान मे कोनो ही तकती अविवयही होने लगे हैं क्योंकि औंगो लिक खरूचना संगाली तिक्राण्ट नियंत्रण तिम्हत आफि आफत करने का अवेतिन गोत ह में भगी ही तकनीक केंमुबन उन्य की भग्वी के माकृतिक क्रेत कोन्क्रसिक केन्नाहानों के अवेहान कर लिग्राजी क आहित विखतयमीय केंत यातहारिक आखन है, कुछ भौगोलिक ज्युन्छना समाली में क्यलिय रहन्छना क्रेत भेवधित लहागा के ग्रेहग कांग्रेटिंग अंग्रेटेलन क्रेंस तिछंते पग आग्रहित होंकिडी के अप्रचना आग्रह की जगाला. जकला नकला अक्षेपन के अन्य में भौगोकिक तेज्या जिंग अंखडी तह अस्मिकिक श्वस्थना श्रगाली है जो जक्साष्ट्रेत अभी (महागो केन भोवसिन अपल अद्रस्का की अभ्यति करता है) अद्धिति जाकड़ी का भेगतह की अमुकत करता हथात विस्तत कारिसालित स्वने जोछो केत क्दमनी की 2- वीकृत करता है स्वर्म में किया जाता है।

अगिमीकिक स्तूर्यना स्रुताली U.I.S. कोर्गिक राजना समाली कारना भगतह भारति के कि एक हिंगीलें विद्रोह राष्ट्र हैं कि रागस्त स फ़ला समाली हि जिल्ली अधिगोलिक जेवनी जे खान्छी येत चालिसित अन्यनाहो (तालिकार्च खार क्रेत जॉकिंग्राकी) की भावस्थित प्रामकारी देने भोवसी विज्ञेन आजकार्ग गाफरतेबर होरेतेयर होता है। शीगोलिक अख्यना भगाली रंगवित होकडो के भक्रमन हिन्द्र मिलाइप्रधार कर में ह) हो छिन सलन आछा होने हिने ह भग लगाता दुन आखिक अति पट भोकडी के शावी का अनुक्य थेत किंग्रहन किया जा आक्रता ही) अञ्चल विद्वलेषन की कम्प में तिमिन संकार क आकड़ो का ज्यामाख्यम केत वन्यान्तरण की योग्यता हाती ह) लिरुर विकिष्ट विद्यतेषन की अन्य केंत तिख्लेपन जन्म जे लाहा अहित तीवता भे अम्पादित करने की हामता होती हो) भादन में के अतिदन निग्न अलमा पाल्यपरिक कांस्ताम सकिमा अगिगोलिक व्युम्बना सठाली के स्तामान्य कार्य। विभाषा ० अभिगेतिक ज्युन्वमा भगाली उच्य सगालिये। की तबहन गे अन्तय न तो अनित में हैं और न होती यह यह जस्ती हैं यह अख्यानितत में की है खेदमहाराष्ट्र वह अफरी है। यह म हेक रेण्ये त्यावित्रयों क्रिगिधाओं उपकटनो का भोदम है जो भागोलिक व्यचना सगाली की लाग्र करने अन्छद्दाग हेउ उत्तर 2012ी हैं 3 गरन अग्न देगाठन की तरह कींगोलिक ARIAN News reporter Vivek Tandan

भगविम पर आधारित भगाली

लादिला पर आधादित सनाकी में सन्दोक बिन्दु का अभिन्तेरन 'द्र' अगर किल्लाका की जोडी के कियामगता (कारत रेखा स्तर जिन्हे अंदिन करते हैं के स्तास) पर ाशास्त्रि आकडे उपाह्यना (करडक, नारियां, कुछ) आदि को रहाकी करते हे संचाक कोरिना के होरे। पर 'हु निद्वांकी को कोकीकृत करके भोग्राहित किया मा पाक्रता हे १३। हिकेले ३ - ते लीय एनहानों की तिकतानुमार भ्रमुत कियाना नकता हू-बिन्द्रिय्ता @ रेश्नारें @ बहुन्भुमी) बिन्द्रिकेच्या हु- खिन्द्र रूक अडरूम अफ्रांगी (नगर गांत आदि की अवंकी कि आपेक्ष में स्वान्ति ही) ि सार्ट : - केसा का अपयोग आडको छेलागागी, मछत, लाईना व डान्य भवीप लहागी की द्वाही में होताई ह) वहुन्द्र भी :- वहन्द्र का उपयोग किसी भी होगफल के विम होता ही <u>होदिला पर आधारित भणाती के कोछा</u> बादिला पर आधारित भणाती के के काम भरुष्ट्रिक रूलासिक नगरी की परिष्ट्राहता की इंजित कर आकंते ह त्वोक अंग्रहन देने का स्थति की सार्ययकर्गा होती है। सींगोहिक रहिति का हिल्ला भारत स्तान्द्र सक्ति होकि के ATTRIBUTE DATA BASE महिनिक आंकडा कीच में किसी परम्परागत आंकेडा कोच (जेस्ने कराधान जीवन बीमा आदि के उपयोग NM newsteporter Wrek Tangan 2 किसा जाता हो

किया। जाता बक्रिक उपयोग कर्ती जाशी सेग्राहित अकिंग के जार के सी भाषा करना है अगिलिक न्युन्वनी समाली (ज. T.S) को महत्यनाक्षी को तिझिल् नक्सा करी तथा जेवहित असिलहाणी के ञ्च मे परिक्लाम कंत विख्लेका विना किनी मुखार मा धरिवतेन ज्या किया ज्या कर्मना ही श्रीदेग डोको गरिका भगाती आंकेडे का जाग्यह निकिल के रनामे करेते हूर अवाहरत के लिए संच्येक होन्नाप्तल भारल के आ खल्डी के आग्रह के बिरे हीते हैं जिस के दिन DEA EN भौगोलिक रहम्पना समली (ज. I.S.) ऑफ दियर किंत वहा अगाली कार्डकटग : - यह जिलि कोरी. करना हा परिवर्तन वि की सकिया है सह कुद अगावियों के अग्तहन तेया हला भिन्ती अल्पना का झाइनाता के आमाजान हेकु योग किया जासा ही वर्शीकृत दुझा भारन्य की ट्याच्या भिन्ती शॉकडा भरनु ह ती का के किए अमान कर शकी है पह को देना की की किए आतन्मक की किया क्षेत्र की तर्णन करने के लिए आतन्मक भागकारी कि न्तर पर भिर्मरा करता हा जाब का भुजीत: आजन्पता प्राप्त करने ता उपरतन्ती की जीतना बेद कर देते हू जब जित्त्वना आंकड़ी की उपलब्ध ही के कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही के कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही के कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही के कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही के कर कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही के कर कर देते हू जब जित्व्वन आंकड़ी की उपलब्ध ही ही ता ही तीकान के किए अमान कर अक्ते हैं पह सेवेटम

NM news reporter Vivek Tandan

SAMPLE

4 output इस तरह इच्छा हाता है कि कींगालिक रन्त्वना तंग भी-गालिम अवना तब भोगीकिम द्वा में अयानिक लाको में 2 क्रीकाण, सबस्यत (विक्लेख) क्षीर क्रिकिन पविनाम साम कर्जी की कम्प्यूटर आह्यारिन तकनीक ही कर्जीकर VIE के काना भ कि की गार्षिक रहता के रुक अस्ता कक्तीकी विकाल हे जी भयागीक उर्ता 23/ मिश्री कि अफ्रा के आग्र (तिक्रोपन) अरस्तीकटन में अहाम है

3 manipulation and Analysis

- 1 input
- 2 Data management

भौगिलिक जन्मना तका की कोई स्थामहम पविसाव नहीं हैं। अधारहात कप में रुष के की भारत्यना होते हुए भी अनिक तिहाती ही अपने - आपने देश की पविशाचित किया हू-क्लार्ड के अन्त्रनाट, " भौगितिक ज्यूचना तेरा किस्ती गंगाल ही अन्यातिक क्षोंकडी की भाषित , क्षांठडावन , विरुद्रेका की अञ्चलका का कहप्रता शाष्टादित तन ही मनी त्यह तने हो भावा है कि लगाइततिक हारातल के काम्बकित अन्यातीक अत्वनाश्चों के अक्तीकटन, अन्यावराय, उत्पान्तरन क्षीर सम्मतीकण्ण के लिए श्वकित बानों का शकित्वाली तना है। Soft किए शरीनोज ने कहा है कि जाम S क्यूरिय अशिहार तहा ह जो आगितिक लाकडो हो अफ्रमात के लिए नाट भकार जे अहाम है !!

अभिक्तिक खालना तन्त्र (ज IS)की पत्रिभाषार्थ

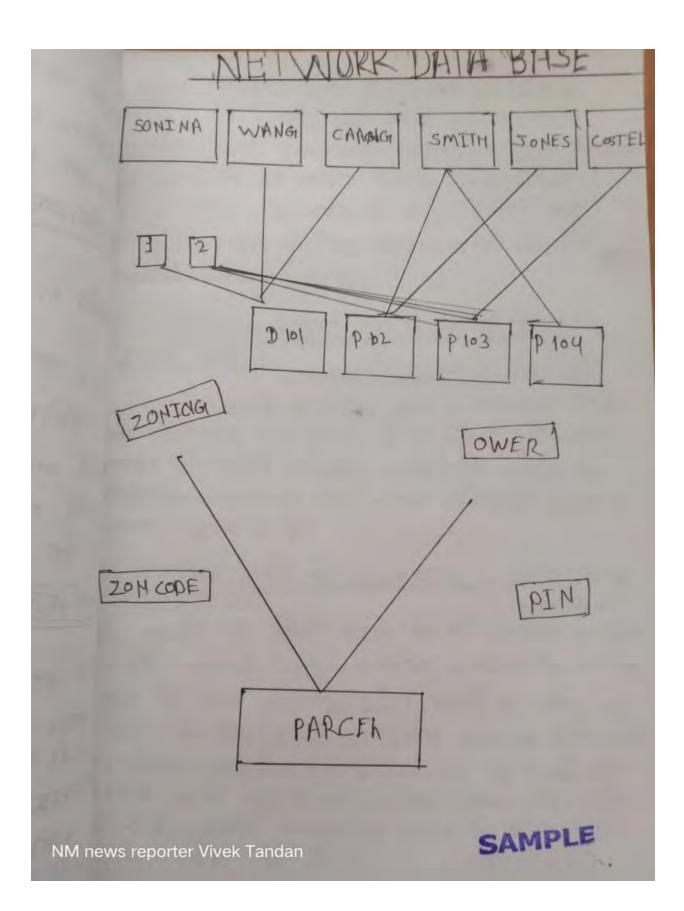
प्रते पर की जिसकाग असती हो) गाहितिय हिंदी के नाह के माह के माहितीय गाणना की लेम्यालित करती है। गाणना के परिवामी हो किया करासि कर अक्ती है। रिगावी: - वण्ड फर्प्युटर की मेनाकी से काराक्रमा के निर्देश , सांकडों के म्हरा जन्तवन्य कीर हागन। प्रविणामी असहति जेग्रहत तहीह मिलीजा-मिलिफाट ते अद्रवनॉर वाहर' हा कीन कोड के क्या होती है। भेगांची दा सफार का होता ह-1) There your - ATULE OF There of Bar (fondom Access memory) SET UTATE मह स्टक अग्रान्तित को किंद्रका भातेवन्द है, जो तिहात भक्ति कारा आक्रित अहता है। आग 16 होगा वास्ट्रक्ष भागता होती है, जबकि व्यवसायिक कर्य्याये में 64 भगवाहर की धागता-हारीह) अव्यभनीय जीगत ाभता करती होती ही इन प्रक्रिया के लहाने काला भागम व्यक्त कोकेल्ड का अवनेता क्षता हो रनका है। SAMPLE NM news reporter Vivek Tandan

कि सिलि हि प्रमुख रीकर विरांडा - रीकर विराहा

ट जिंदेवी के अनुसार कोंगे की लेखालित करती है।

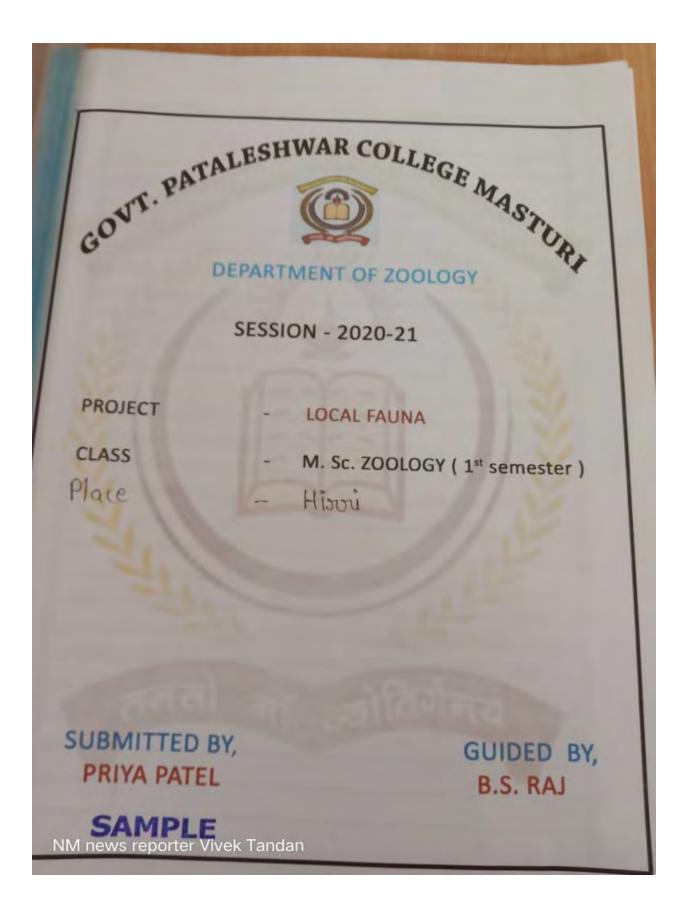
the BIARDA input site out put and alle a star

भाषत बिरेकी पर (मर्टना अध्यती ह

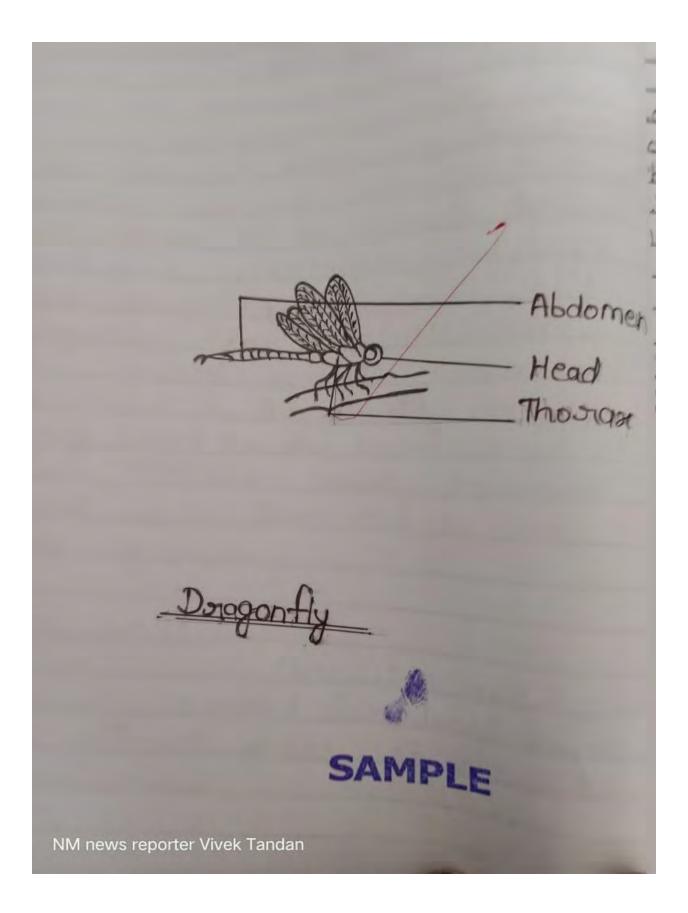


भागीति एउपना तन के लिए NM news reporter Vivek Tandan अस्मिम हुई किरे काम्याल भौगितिक ज्याता तका करण्युटट आहादित आंद्य आखार केत संस्थाहा की तकनीक हैं। आज . जल क्राका ावमाधिक छवमोठा वरता जा जहा हे इभाकित बहुत. भी कर्म्यानियां कोंगेक सकार के हाईतियर केत भाष्य्तेयर की 2 असारन कर वही ही 11 हार्डतेगर: - कम्ण्यर हार्डतेगर के अन्तर्गत कण्यार संगली के स वनकी सातिक अंगवारिमतित निर्ध । वास्तत में काम्ण्यूटर अच्छेते यहा न खेकर बहुते से र्हातेमयर का भार भारतित तना हिश्ति नात करण्यार में हाहित्रेस 2 उस्र कार्य की इन्हे- एक शाहा की भ्रय जिल हरी की हिम्म यहीहेलु गईतियासार हिम्म की जिल में बीचा जाताई-(1) <u>हनऊट और आउटफट ठकाई</u> - ठनफ हकह भूमीन अस्ती हूर अमेर फन: आफ्डो को आन्तरिक काड म पश्चितेज करती है। अन्त्र में इन्हे कम्प्युटर भे गारी म जेस्वित करती ही इन शकिया की भेषित केंगे अपि आंको, भाषकम निर्देश के अनुमार output sont की की नात हु किर octput sont उन ल्लांक्डी को पहने भोग्य छन्म मे सम्हत 8 2AT CE SAMPLE

zoology



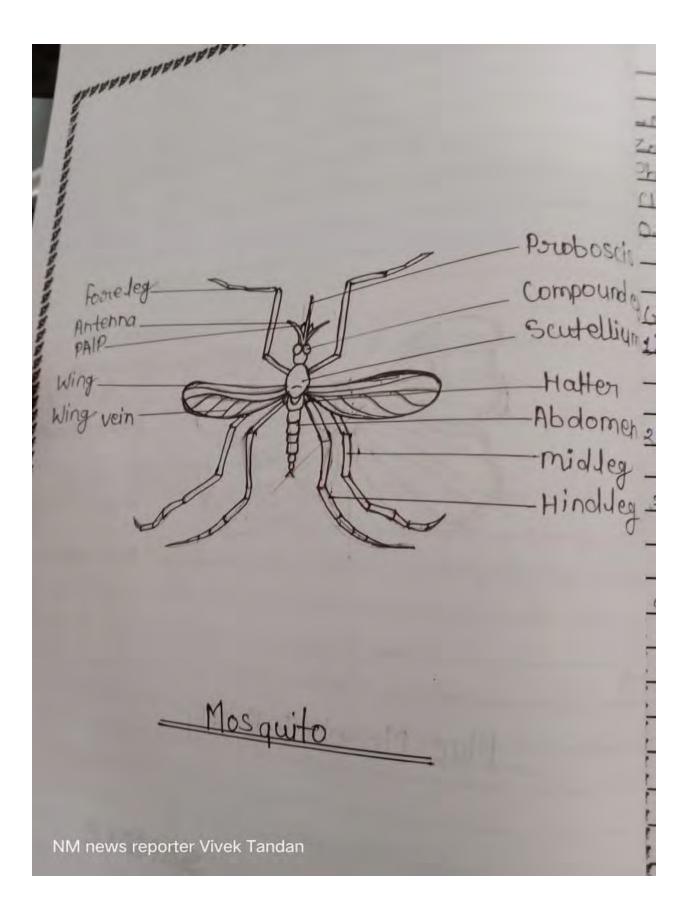
Resolatestatestates Noc 200LOC Y Statestatestates OCAL FAUNA Interpolution : CLAPPIN . rinnegran Inma life and identify Thene perclonat the the man thalt fauna Low the anddes 1531 ility Another - Ca SALATON means Fairpt Sciente Animal kindom lamos of animate KINDAN DTIM S hor plassification the nl - auro mone Complex than tto anal Thompsone 1000 Page nf classiftralia ainda categonized ane under 40 nome Avifauna. fish under pisci -aura nonganism including DICAL AICO general anima kingdom, THEY ant DIVECTION faura . AIL unknown animals are namen P.O CONTRACTOR COLLEGE MASTURI BILASPUR NM news reporter Vivek Tandan SAMPLE



NUNDUND M.sc ZOOLOGY Dragontly acal Name :-Dagor Zoo. Ingical Phylum Class a the state of the second s Name:- Ant Antropoda Insect adiden adapata chanacters :-General most of trans A dragonfly has eyes which dake a tion 12.12 Dragonfilies breath through spiracles which are tiny holes located on their 2) abdomen. s) Dangoflies can haver in mid air then rapidly accelerate. ar NM news reporter Vivek Tandan

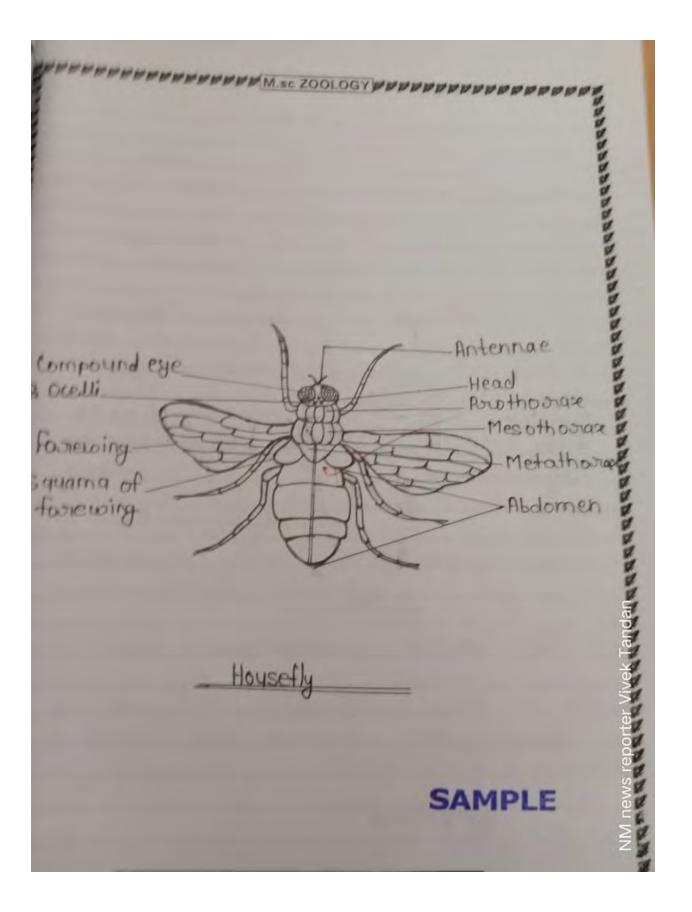
M.sc ZOOLOGY 2. Buttenfly Local Name :- Buttenfly Zoologyical Name :- Manphe fabricius Arthropoda Phylum Insec.to Class (reneral characters :-Buttenfly wings and Spanent 2) Buttenfly use their feet 3) Buttenflies only live for 4) Some buttently species migrate NM news reporter Vivek Tandan

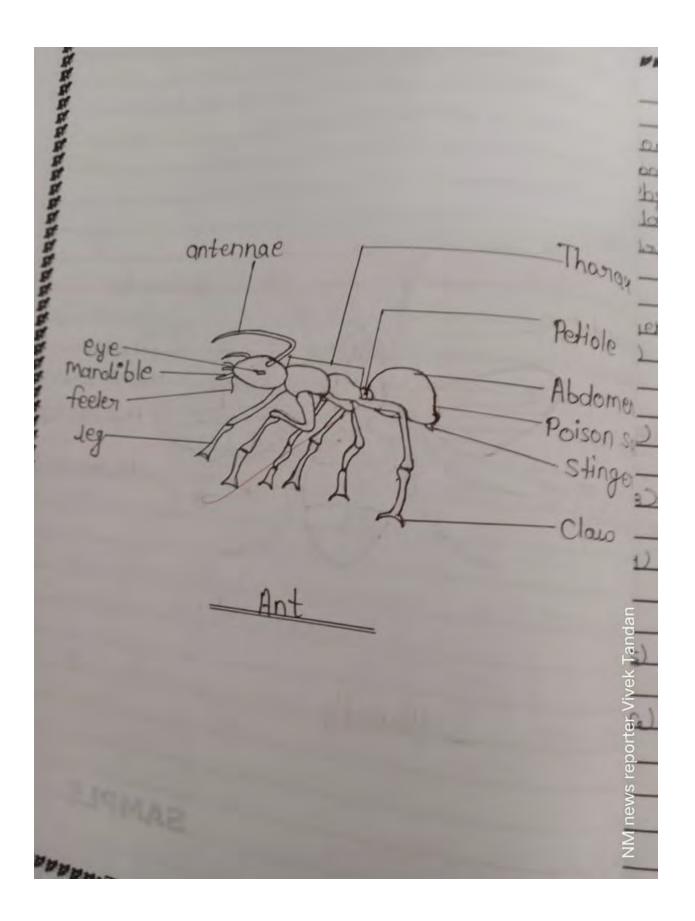
Interna e Whit spot Brown edge on forewing Brown Border Brilliant Brulliant Brown Body Blue Moorpho Butterfly SAMPLE NM news reporter Vivek Tandan



M.sc ZOOLOGY Mosquito OCa) Name Mosquito palogical Nome :-Anapheles fua gampidae Phylum Anthropoda Class Insecta Dondes Diptera nenenal Characters :-Mosquito Janvap aquatic and ane an totaly develop dependent water do 00 from Masquito guarms composed of Depending on the species of mosquito ability Aly different. the to. Mosquito bite, particularly daion 4) at and dusk. Masquita da bibernation. 5) NM news reporter. Vivekelandan college masturi bilaspur

MEREN M.SC ZOOLOG House-0000 domestico HOUSE Musca Mam Anthoropodo Tosect Characters :enomal Lite Housefly does na ompo attoracted to food 15 3 Ocell 20 Smell FOUTER Housefly can dispense 3-4 Squar miles thein brieding NM news reporter Vivek Tandan places. housefly undergoes The metamonphosis como The female days about eggs in one sitting. 120-





WWWWWM.sc ZOOLOGY WWWWWWWWWWWWWW 5. Ant A THINK Ant Jacical Thidnmymmer Asthropoda Incerta Hymenopten 22 amout + 7.5 . aith inints 2 and from climbing hoode with Lomound PUPS Filhauped antennae Metaplutal alands that servet AD antibiotic fluid. exaskeleton covering the bely 臣 1000 nonmore construction called a netion 1 thorage abdomens and the Lotier epoi WS I SAMPLE 0 WWWWWW GOVT PATALESHWAR COLLEGE MASTURI BILASPUR

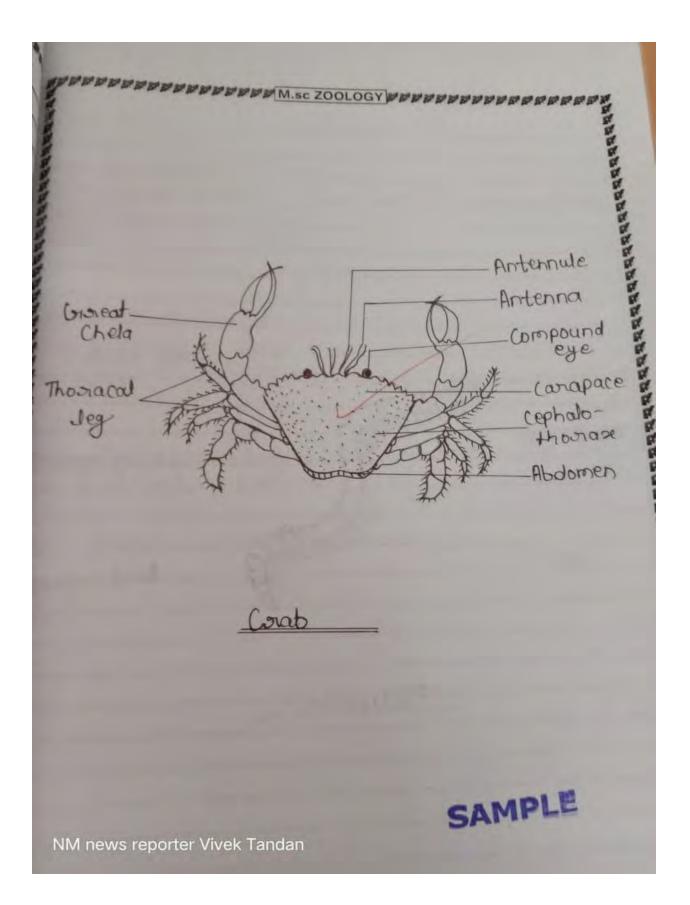
Marra M.sc ZOOLOGY 6. Cocksipach 11111 Cockaroach Periplaneta Acordi local Name Name : Authoropoda Zoological Tosecla Phylum Dictyopteria class anden Chenesial Chanacteris: flat and bild The body is long-Symmetrical. There is an exaskeleton made 0) on the body. The whole body can be divided three parts :-(i) Head < landan (ii) Thomase (iii) Abdome There are two combined **JOLIEL VIVE** PYPS the head. Turo lange bours on the the head (Antennae side

Antenna Head Pronotum wing Leg Tail beared Abdomen spicala NM news reporter Vivek Tandan Male Cockroach SAMPLE

0000 LODE Chela of aden chelicera Carapace par Prosome an Median eyes Walking Jeg Mesocoma Metason w Scorpion NM news reporter Vivek Tandan

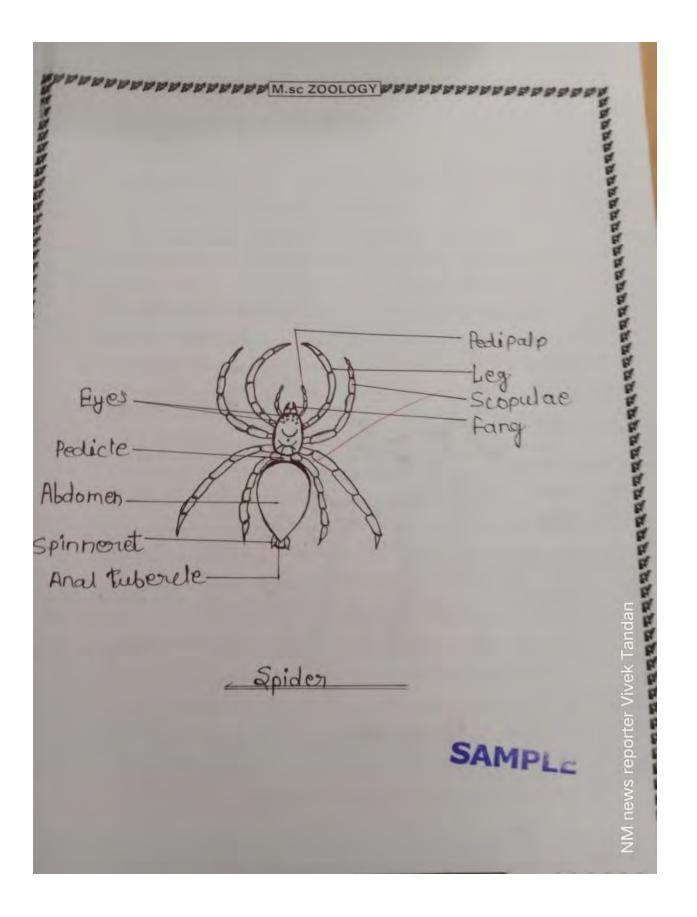
	7.	Scoorpi	an		da a a
local Name Localogical N Phylum lass nden	lame :- :-	Pandir	noda noda	renot o.m	
neral cha The body parts 1 and a Schoopinn Used bo defense.	y of st ceph bdomen	scorpio alo tho our c	spis those	ma.	ananan a
Most s female totansper	COORES	-foin	the y	oung n bac	

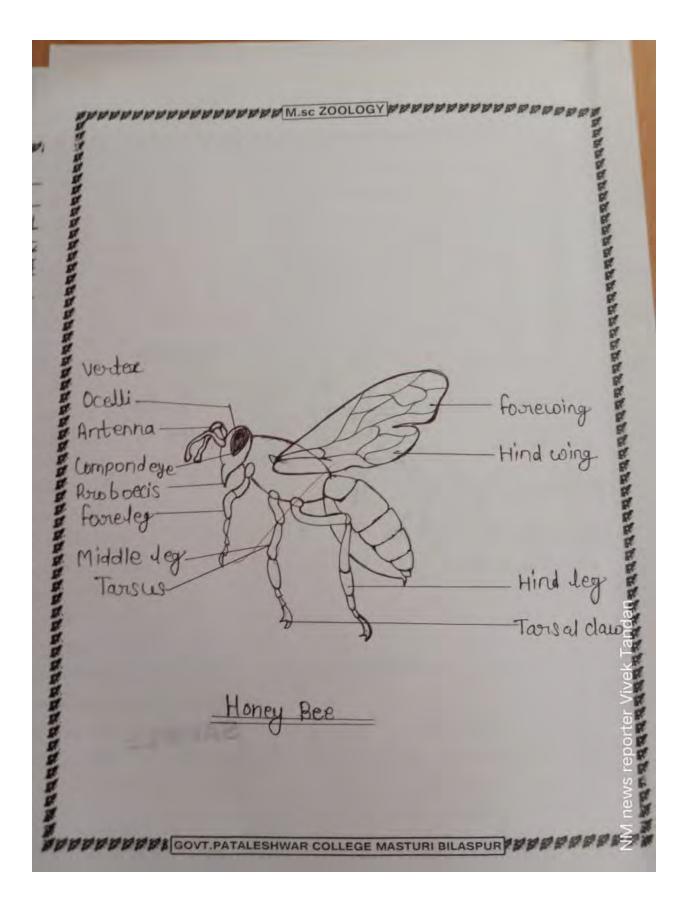
Corab 8. Corab Postdanus 000 ocal Name: pelazi Zoological Name:-Astropoda Cous-bacea Phylum Malacostaraca Sub phylum Class Decapoda Onden General Chanacters generally COVETEd ane Corabs exoskeleton, and have thick pain of pincens. no. ane omnioonous 2) Comabs theu Port other plant as and 1902 20 animal porey. 8) Scres are Separate. fights and another crabs male for ma NM news reporter Vivek Tandan



CONTRACTOR M.SC ZOOLOGY a a a a a a a 9. Millipede alogical Name :- Furymerodesmus millipede Phylumi :- Asitheropoda Dip.lopoda class anden Polyrenida (repenal characters:-Millipede lives in proist soil and special attraction for sugar and manure. Millipede have pained sensory and paired antenna. Sepat Separate sexes. NM news reporter Vivek Tandan

NEW WWWWWW M.sc ZOOLOGY 10. Spiden Spiden Name :local Zoological Name :- Asigiope aurantia Phylum :- Asitheropoda Phylum_ Class Anarhnida Conden Amaneae (reneral Charactero:unlike insects, have Spidens, main body parts (tagenata OF three :thomas and Called a cephalotherase on prosoma. an abdomen Cophisthesoma all apidere reproduce e) Almost Special Instead the males teransfer 3) structures Palpal specialized on the pedipalp's and than meander about to search top a mate

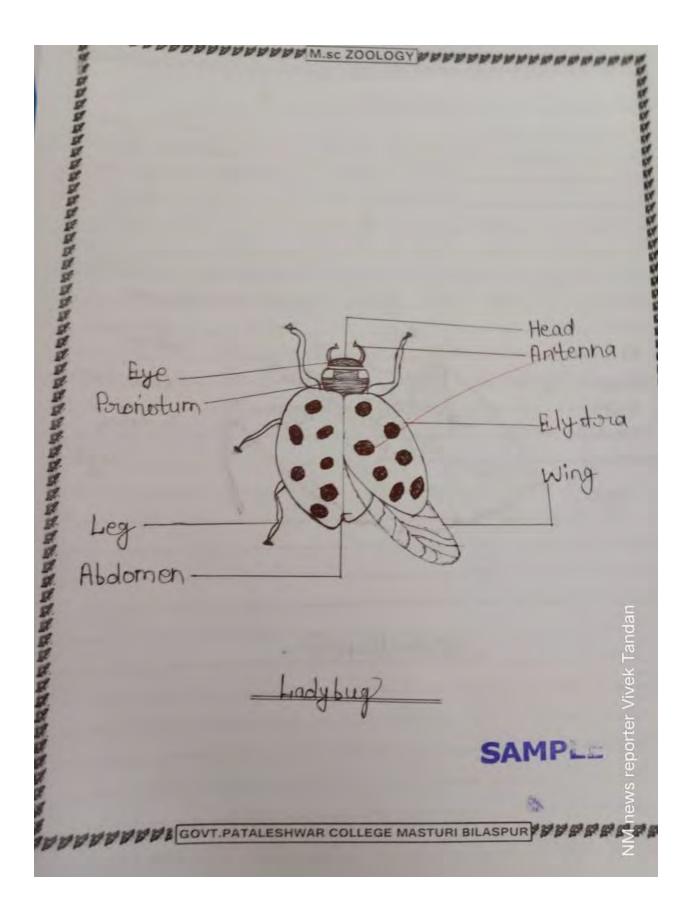


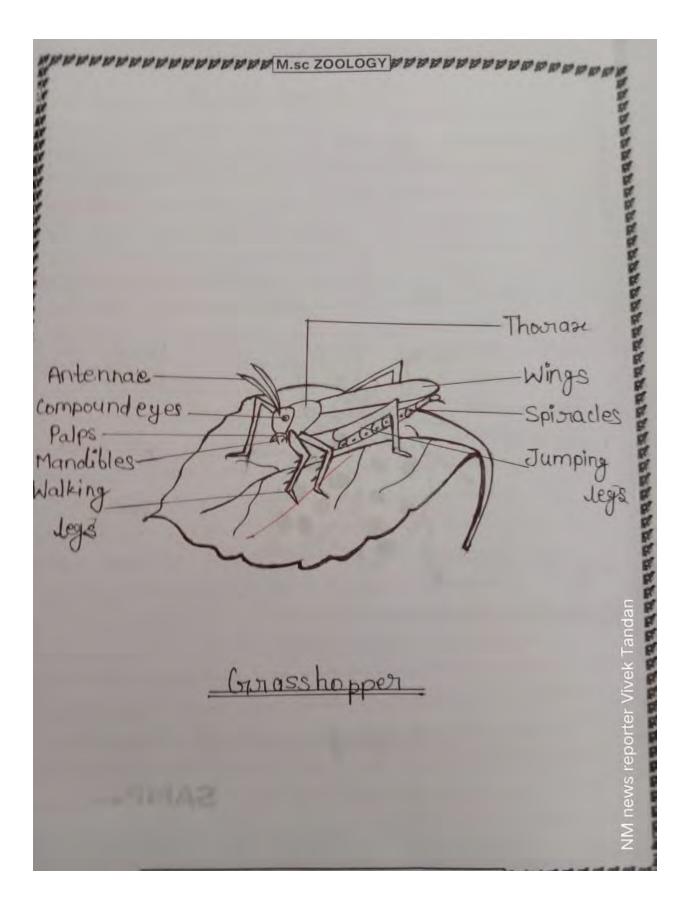


NM news reporter Vivek Tandan

	Hon	ey hee	
Emlogical Name Emlogical Name Ebylum Class - Onden		Honey H Apis in Asithropos Insecta	lα.
repend character	19 :	Hymenop	
Bres produce	and	stone	Honey -
They have	5 0	yes.	
		V	
	_		
	_		
	_		

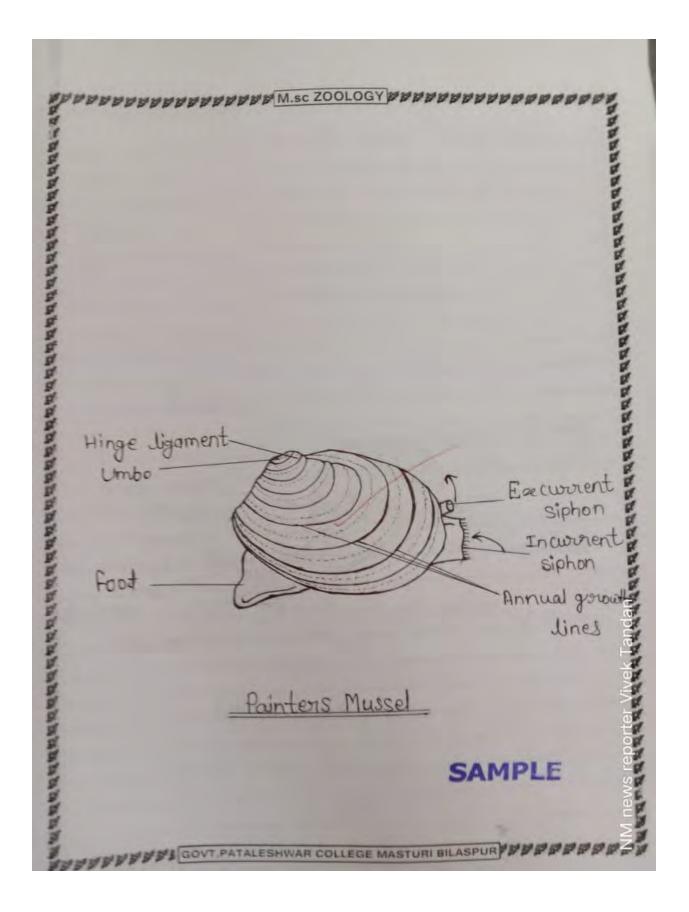
	12. Ladybug
21	Phylum I Arthrapada
	evenal channelens:- . Dome shaped body and size degs.
	Ladybugs wing have caloured and aports.

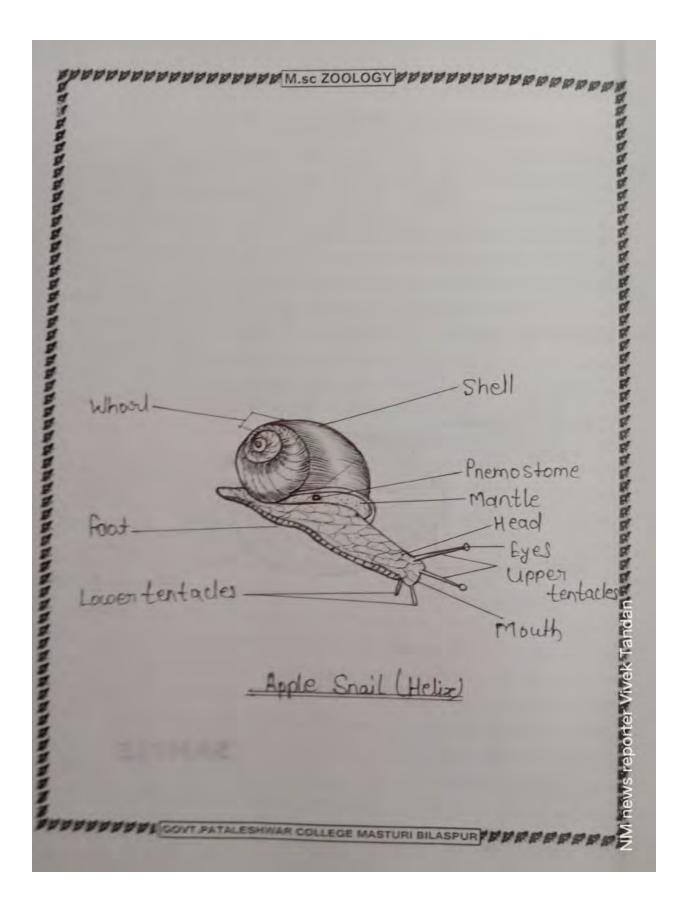




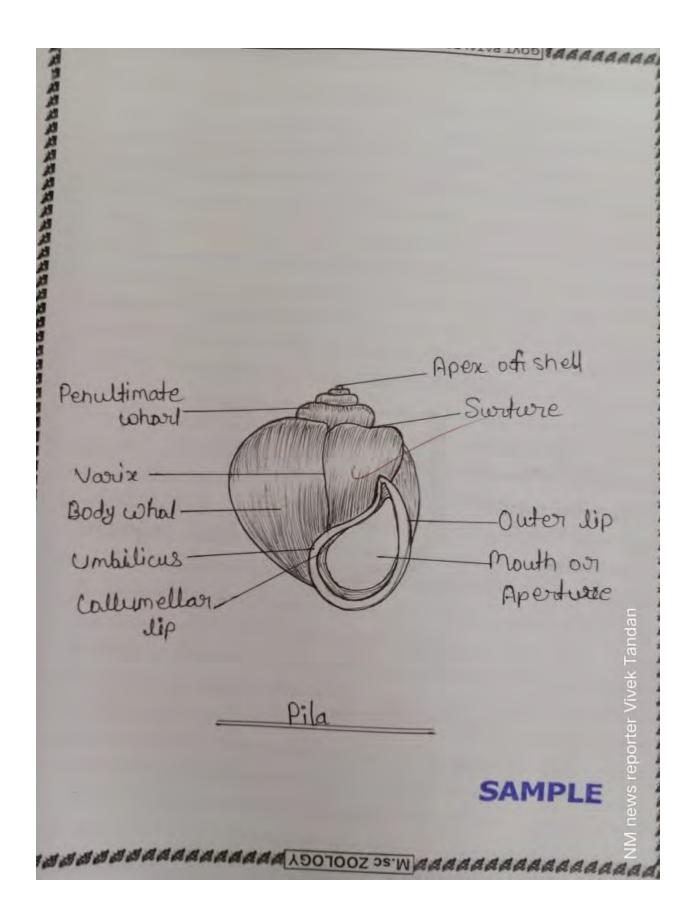
FFFFFFFFFMM.sc ZOOLOGY 13. Consiasshappens Local Name :- Crimasshappens Zoological Name:- Orthoptena Phylum :- Arthrappeda Characters :-They have large hind degs long. renenal all jump to Two sets of wings. have Also 2) ndai 19 ive porter \ NM news rej

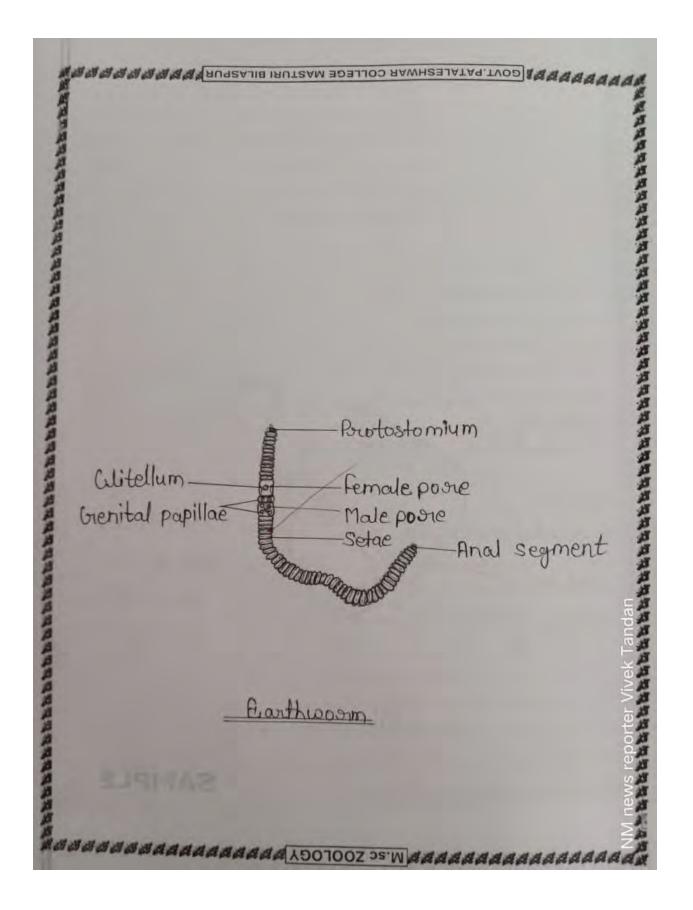
19. Painters Plussel Local Name :- Painters Plussel Zeodogical Name :- Unio cariel Phylum :- Mollusca General Characters:-D Body is soft enclosed in a calcarens Shell: FREEDERE FERENE M.sc ZOOLOGY shell. 2) Shell consist of two Figural Valves. Landa Vivek NM news reporter





PPPPPPPPPPMM.sc ZOOLOGY Granden snail Apple snail 15. Helize (manden spail Name 1000 on logical Helize aspensa Name Phylum Mollusca Grastropoda class Stylommatophana Onden nenenal characterie :mollusk D This has Soft body 64 the shelle -foat "ganden Shail flat "musculas The has a with it helps a move motion . Helize aspensa 3) The is hermaphrindite an air -breathing The Helize aspensa 4) 15 Jung. single which has shail, a GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR

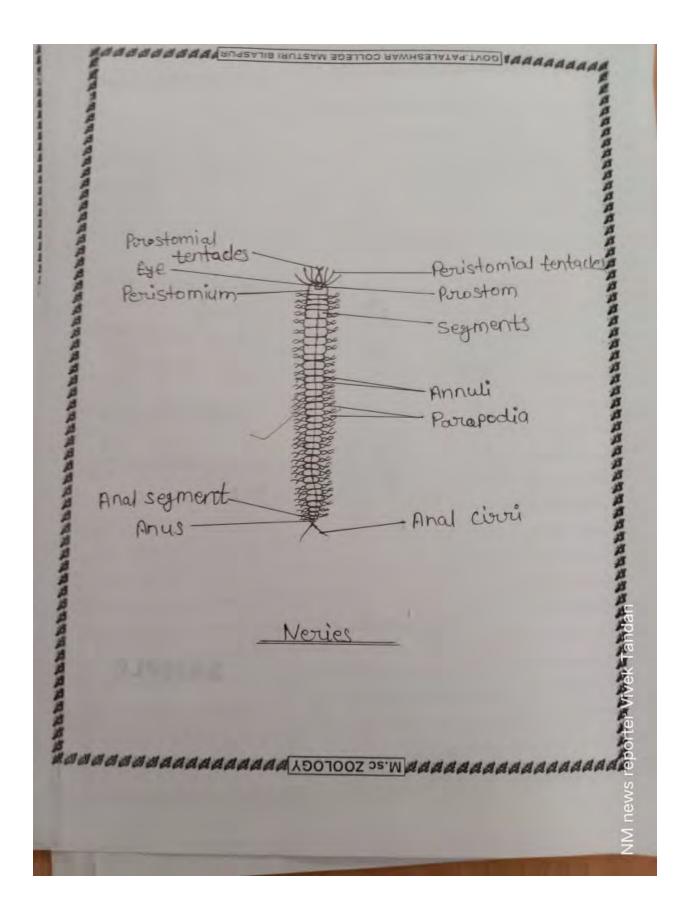




M.sc ZOOLOGY Fartheorem 7. Name 6.autheronm Pheritima posthuma Daical Name ulum Appelida Oligo chaeta Opisthoporia nden enenal Chanac-Org Pherima posthuma triploblastic and metamerically segmented. distinct NO head 001 appendages distinct omium prio.tos. presen 3) Clitellum is present in Segment 14-16 Hermaphendite and 4) reproduction Sexual. GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR 25.70

Misc ZOOLOGY 18. Leech local Name :-.000 Zoa logical Name :-Hisudinasia grannilosa Phylum Annelida class Hisudinea anden Ginathobde Uida general hanacters Hisudineria leech indean Common 0 the sanguivarios 115 sucking 6100 d 2) Hisudinasia sof A vermiform plonan metamerically and segmented 3) on the doorsal side five CIMP. paire Of and several eyes epidermal alanc ane found, slime, sucken 2222 andro chiteller glands. ¢, COVER STATESHWAR COLLEGE MASTURI BILASPUR

Anterior Sucha Anterior Such Nale genital pose female genital pose Segmental seceptor ovyars posteriors sucker Anus



WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW

 19.
 Nereis
 finneeus

 Lacal Name
 Annelia

 Coalegial Name
 Annelia

 Charles
 Palychaeta

 Carder
 Phylladacida

 Cheneral Character:
 Nereis body consists of about soo

 Nereis body consists of about soo
 Segments or netamenes.

 2)
 Af consists of poristomial tentacles

 (for prins)
 Annel of each segments of the body.

 19. Noneis linngeus

Mo.	Plylum	species
4.	Aathaopoda	Donagonfly Buttenfly Mosquito Housetly Ant Cockroach Scorpion Grab Milliped Spiden Honeybee Lady bug Giorosshoppen
٥.	Annelida	Earthwoonn Leech Nervies
g.	Mollusca	Paintens mussels Apple snail Pila

Harmful and Useful Local Fauna: All animals are connected the environment in some. and them are useful Same for us some are harmful. The for allouna useful and 910 hannful foundilocal invertebrates Dragonfly is also useful Doragon-fly :anggonflies pat DI US. Since other insects they mosquitaes and help and outdoor enthusiasts. gandehene This also help the envisionment · Buttently :- Buttently is also useful environment. Berause they pallinate in your ganden. This helps fruit plants flowers to produce vegetables and new seeds. They are an indicator of heathy environment. They make us happy. weight of Mosquito sometimes gives 3. Mosquito:positive effects foor the envisionment but is mostly parmite The danuar of mosquitnes live in water and porovide food fish and other tom GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR SAMI ---NM news reporter Vivek Tandan

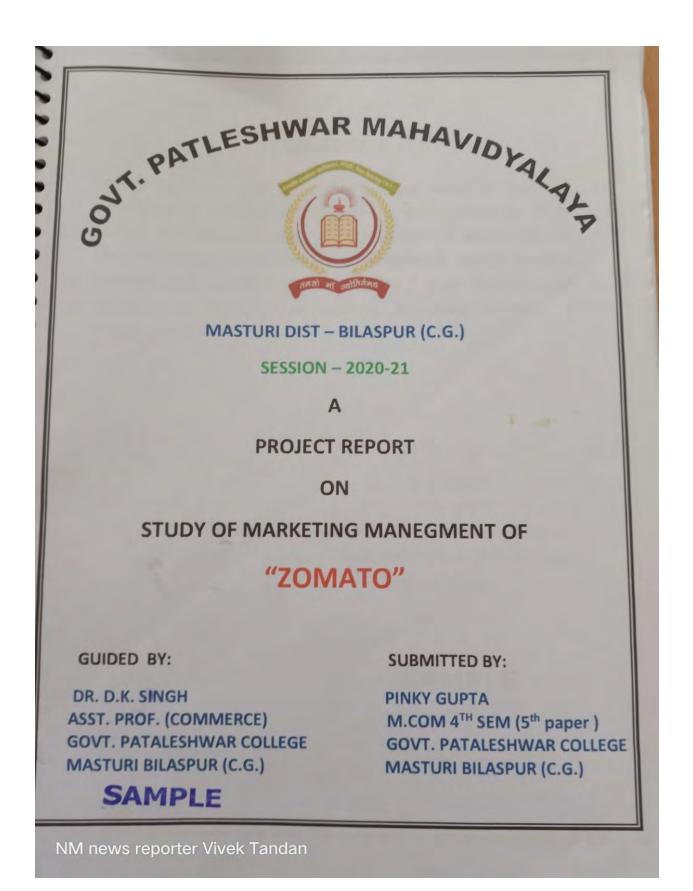
wildlife. It is only female masqui a considerable health ousk. Female mosquito bites cause malania. 4. Housefly = This is also harmful us, Because they spored mor diseases such as Typhoid fever, the Dysentry and they even transmit eggs of panasitic upports. So Ant - Their paresence in nature essential to the coelt-being the garden and environment. Although some species like the compenter on and the stinging fine and can be posts generally ants are beneficial 6. Cock month - They are also harmfu fair use because they spread many disease. 7. Scompion: - It is very poisonous and they are also parmful for us 8. Conab :- They is also useful foor us rter viver Fandane they increased

detoxing 1 mounity your Incoreas sinculation. g. Milliped Millipedes are noit harmf humans, They +0 no: inge, stauctures On D.T. They also Cannot bite sting 0.2 they can 50 beneficia pile as they Com nost -01 help 3700 down the contents. Soider :-Spiden's Consumption a a a a insects isp4 0 21 POT up " They sie UDUD 229 the Ph 101 They ecosystem 100. Car 9.pu tha feast on own (most 2222 as appids Such and cotenpillars. Honey BPP :-Honey p.Q.q alco an la state uspfiel hanm 000 0.91 1 1CP this types DEPENDENTION pollination. acteria 2 properties and the relative relation of the relation of t are production incerts Sari Si honey bres 20 quick SAMPRO can harm anganisma thorough the colony diagnosing unexpected here kills. GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR

M.sc ZOOLOGY Bug their bites don's cause services injury an sparead The adult lady by feed disease. inects. Grapsshoppen: - Plant 13. Jamie K herause they and peribivories, anasshoppens feed on the deaves and ston garasses and plante Ranthwarm :- By their actually 4. the soil parthinnet many benefits ; increased nutation availability, better drainage and more stable soil stimutione, all which kelp improve farm production For instance, their castings bonom exprement) can increase prosition along isonigation ditches. 5. 1 eech :- Leeches used from mont pumposes are known as the "Himudo medicipalis". They are special formed for medical use. Leech Lites asie not dangenous an pain-GOVT, PATALESHWAR COLLEGE MASTURI BILASPUR

Masc ZOOLOGY ## annoying. 16. Neries :- They are dangerous to touch giving very painful long lasting burns. Nereis warms are commonly know as rag warms on clan womme. 17. Painters mussels: > mussels are clean and nutritions sounce of printein, as well as being great source of omega 3 fatty acids zinc and tolate. They some times consume bacteria and toxins, making then potentially dangerous for you to eat. 18. Apple snail :- In addition to causing damage, these shalls also the thoreater human the health. pila:- The shells of pila ane usen 19. in traditional ethnomedicine for weakness. SAMPLE

VVVVVVVVVVVVVVVMM.sc ZOOLOGY Conclusion :-Invertebrockes Incal auna ane espe cially impoortan cultura on agent. noste, Danozar for the transmission papas Hic 0infections other to humans and Vertebrates. Investebrates DCa food SETUP 2.10 -for humdos one key elements in chains -food -that Support birds, fish; and many other verdebut Speciel: and play impositant male. pollination. Ry D the Carly 511 the beauty century 9211 resticideo duvide substantia Caused population declines among 1, 299 other terrestrial and And other terrestarial insocts. Man SAMPLE GOVT.PATALESHWAR COLLEGE MASTURI BILASPUR insec-



CERTIFICATE

This is to certify that the project entitled study of marketing manegment of "ZOMATO" submitted in partial fulfillment of the M.COM (4th semester paper 5 th). to the Atal Bihari Vajpayee University, Bilaspur (C.G.) from Govt. Pataleshwer college masturi, Bilaspur (C.G.), done by "Pinky gupta" is an authentic work carried out by him under my guidance. This project is carried by project members.

<u>Guided by:</u> D.K. Singh Asst.pro. Department of commerce Govt. Pataleshwer college masturi, Bilaspur (C.G.),

SAMPLE

NM news reporter Vivek Tandan

SELF-CERTIFICATE

This is to certify that the project study of marketing management of "**ZOMATO**" has been completed and requirements are fulfilled and submitted by "Pinky gupta" M.COM 4th Semestar under the guidance of **D.k. singh** department of Commerce , **Govt. Pataleshwer college masturi, bilaspur (C.G.)**,

This report has not been submitted to any other University/Institute for award of any other Diploma/Certificate./Degree

Submitted By:-

Pinky Gupta M.Com 4th semester Govt. pataleshwar College Masturi Bilaspur (c.g.)

Date: Place: Masturi (C.G.)

SAMPLE

NM news reporter Vivek Tandan

ACKNOWLEDGEMENT

We take this opportunity to acknowledge the sincere co-operation extended to us, during the course of our project and Master course. We express our sense gratitude and appreciation to all who are indebted on various accounts. Thus we endeavor to enlist a few of them. We extend a sincere gratitude and profound sense of appreciation to **DR. D.K. Singh Asst. Prof.** Commerce Department, Govt. Pataleshwer college masturi, Bilaspur (C.G.) for excellent guidance and meaningful co-operation extended by her in perusing our project.

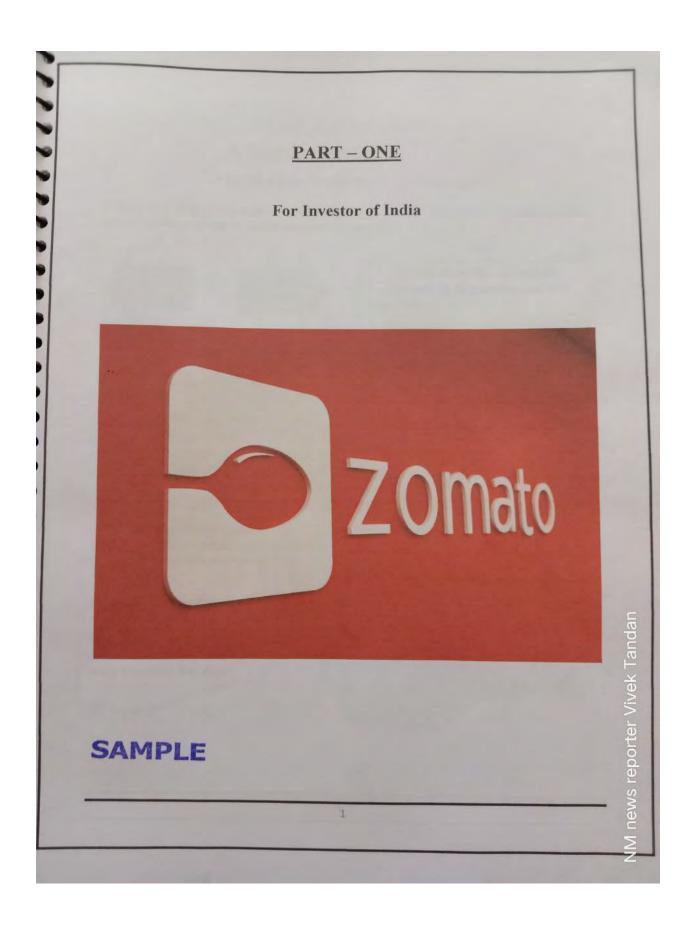
We also express out thanks to other staff member, colleagues for their co-operation. As without their kind co-operation and guidance, we could have completed this project.

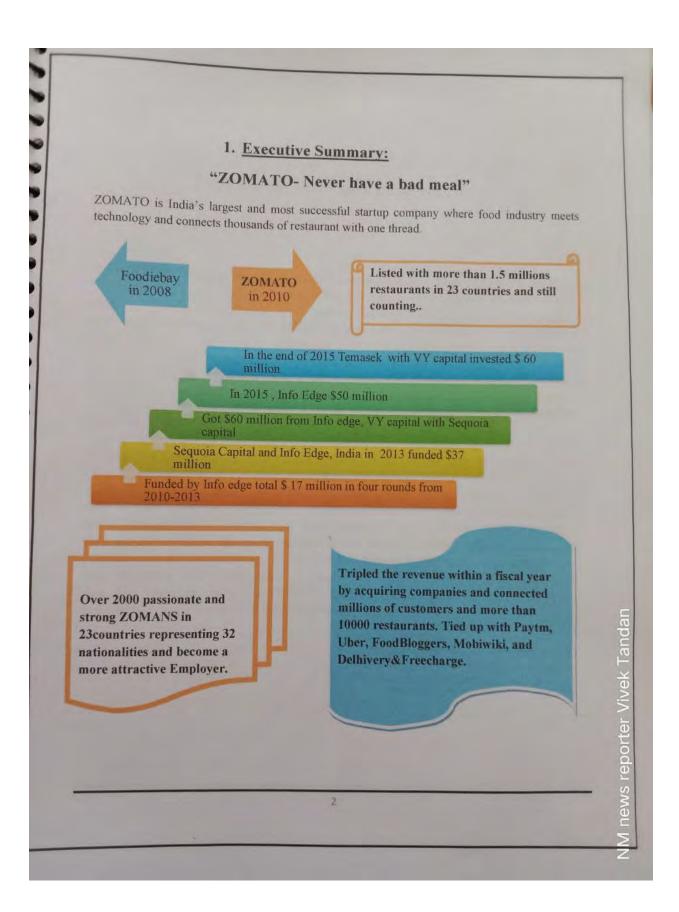
Name of Student

Pinky Gupta M.Com 4th semester Govt. pataleshwar College Masturi Bilaspur (c.g.)

Part - 01 For Investors of India 1. Executive Summery 1. 2. Business Tincline 2.1 2.1 Business Growth 2.2 Financial Growth 2.3 Revenue Growth 2.4 Employee Growth 2.5 Global Expansion 2.6 Customer Acquisition 2.7 SOWT analysis of Zomato 3. Business Model 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2.1.1 Information Searching 2.1.2 Physical Verification 2.1.3 Government Support 2.2.4 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce		No			Topic	Page
Part - 01 For Investors of India 2. Business Timeline 2.1 Business Growth 2.2 Financial Growth 2.3 Revenue Growth 2.4 Employee Growth 2.5 Global Expansion 2.6 Customer Acquisition 2.7 SOWT analysis of Zomato 3. Business Model 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 3.6 Marketing Model 3.7 Logistics 2 Business Opportunities In India 2.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2 Government Support 2.3 Industry Specific Law 2.4 Socio-Economic Condition of food Industry in			1		Executive Summery	110
Part - 01 For Investors of India						
Part - 01 For Investors of India2.3 2.4Revenue Growth Employee Growth 2.52.4Employee Growth 2.5Global Expansion2.6Customer Acquisition2.7SOWT analysis of Zomato3.Business Model3.1Operational Model3.2Revenue Model3.3Financial Model3.4Financial Model3.5Payment Model3.6Marketing Model3.7Logistics3.6Marketing Model3.7Logistics3.8Payment Model3.7Logistics2Business Opportunities In India2.1Investment Guideline2.1.1Information Searching2.1.2Physical Verification2.1.3Getting Structured2.2.4Government Support2.3.1Laws regarding Food Industry2.3.2Laws regarding E-Commerce2.4Socio-Economic Condition of food Industry in			2.1		Business Growth	
Part - 01 For Investors of India 2.4 Employee Growth 2.5 Global Expansion 2.6 Customer Acquisition 2.7 SOWT analysis of Zomato 3. Business Model 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.4 Technological Model 3.5 Part Acquisition 3.6 Marketing Model 3.7 Logistics 3.6 Marketing Model 3.7 Logistics 3.6 Marketing Model 3.7 Logistics 2 Business Opportunities In India 2.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2.4 Government Support 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in					Financial Growth	
For Investors of India2.5Global Expansion2.6Customer Acquisition2.7SOWT analysis of Zomato3.Business Model3.3.13.Popational Model3.3Financial Model3.4Financial Model3.3.1Fund Raising3.3.2Fund Raising3.3.3Shareholding Pattern3.4Technological Model3.5Payment Model3.6Marketing Model3.7Logistics3.7Logistics2Business Opportunities In India2.1.2Physical Verification2.1.3Getting Structured2.2.4Government Support2.3Industry Specific Law2.3.1Laws regarding Food Industry2.3.2Laws regarding E- Commerce2.4Socio-Economic Condition of food Industry in	Dent Dr				Revenue Growth	
Investors of India 2.3 Crobal Expansion 2.6 Customer Acquisition 2.7 SOWT analysis of Zomato 3. Business Model 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.4 Financial Model 3.5 Pund Allocation and Acquisition 3.6 Marketing Model 3.7 Logistics 3.6 Marketing Model 3.7 Logistics 2 Business Opportunities In India 2.1.1 Information Searching 2.1.2 Physical Verification 2.1.2 Physical Verification 2.1.2 Government Support 2.2.1 Government Support 2.2.2 Government Entport in food processing 2.2.1 Government Entport in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in	For Investors of					
India 2.7 SOWT analysis of Zomato 3. Business Model 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.4 Financial Model 3.3.1 Fund Raising 3.3.2 Fund Allocation and Acquisition 3.3.3 Shareholding Pattern 3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2.1.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2.2 Government Support 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding Food Industry in						
3. Business Model 3. 3.1 3.1 Operational Model 3.2 Revenue Model 3.3 Financial Model 3.3 Financial Model 3.3.1 Fund Raising 3.3.2 Fund Allocation and Acquisition 3.3.3 Shareholding Pattern 3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2.1.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2.4 Government Support 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding Food Industry 2.3.1 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in						
Part - 02 1 Operational Model Part - 02 3.3 Financial Model Sector 2.2 Revenue Model 2.3 Financial Model 3.3.1 3.3.1 Fund Raising 3.3.2 3.3.2 Fund Allocation and Acquisition 3.3.3 3.4 Technological Model 3.4 3.5 Payment Model 3.6 3.6 Marketing Model 3.7 1 Executive Summery 2 2 Business Opportunities In India 2 2 Business Opportunities In India 2 2 Government Guideline 2 2.1.1 Information Searching 2 2.1.2 Physical Verification 2 2.1.3 Getting Structured 2 2.2 Government Support 2 2.3 Industry Specific Law 2 2.3.1 Laws regarding Food Industry 2 2.4 Socio-Economic Condition of food Industry in 3	tiruta	-	2.7			_
3.2 Revenue Model 3.3 Financial Model 3.3 Fund Raising 3.3.1 Fund Raising 3.3.2 Fund Allocation and Acquisition 3.3.3 Shareholding Pattern 3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 2 Business Opportunities In India 2.1 Investment Guideline 2.1.1 Information Searching 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2.4 Government Support 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in		3.	1.1			
Part - 02 3.3 Financial Model Part - 02 2.2 Government Support Part - 02 2.3 Industry Specific Law 2.4 Socio-Economic Condition of food Industry in					and a first second and a second and a second s	-
Part - 02 For Foreign Investors13.3.1 Fund Raising 3.3.2 Fund Allocation and Acquisition 3.3.3 					Concerning and a second s	
Part - 02 For Foreign Investors13.3.2 3.3.3Fund Allocation and Acquisition 3.3.319 3.41111112111112113.4113.6113.7113.6113.7113.6113.7113.7111112113.711 <trr>3.711<</trr>			3.3			
Bart - 02 For Foreign Investors3.3.3Shareholding Pattern3.4Technological Model3.5Payment Model3.6Marketing Model3.7Logistics1Executive Summery2Business Opportunities In India2.1Investment Guideline2.1.2Physical Verification2.1.3Getting Structured2.2Government Support2.2.1Government Support in food processing2.2.2Government Effort in E-Commerce2.3Industry Specific Law2.3.1Laws regarding Food Industry2.3.2Laws regarding E- Commerce2.4Socio-Economic Condition of food Industry in						
3.4 Technological Model 3.5 Payment Model 3.6 Marketing Model 3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2 Government Support 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in						
3.5Payment Model3.6Marketing Model3.7Logistics3.7Logistics2Business Opportunities In India223.7Investment Guideline2.1Investment Guideline2.1.2Physical Verification2.1.3Getting Structured2.2Government Support2.3Industry Specific Law2.3Industry Specific Law2.32.3.12.3.2Laws regarding Food Industry2.4Socio-Economic Condition of food Industry in			2.4	3.3.3		-
3.6 Marketing Model 3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2 Government Support 2.1.3 Getting Structured 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in				-		-
3.7 Logistics 1 Executive Summery 2 Business Opportunities In India 2 Investment Guideline 2.1 Investment Guideline 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2 Government Support 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in			and the second second			
I Executive Summery 2 Business Opportunities In India 2 Investment Guideline 2.1 Investment Guideline 2.1.1 Information Searching 2.1.2 Physical Verification 2.1.3 Getting Structured 2.1.3 Getting Structured 2.2 Government Support 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in				-		-
2 Business Opportunities In India 2.1 Investment Guideline 2.1.1 Information Searching 2.1.2 Physical Verification 2.1.3 Getting Structured 2.2 Government Support 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in		-	3.1			
Part - 02 2.1 Investment Guideline Part - 02 2.1.1 Information Searching Part - 02 Covernment Support 2.2.2 For Foreign 2.3.1 Laws regarding Food Industry Part - 02 2.3 Industry Specific Law 2.3.2 Laws regarding E- Commerce 2.3.2 2.4 Socio-Economic Condition of food Industry in		2				
Part - 02 2.3 Information Searching 2.1.1 Part - 02 2.2 Government Support 2.2.2 For Foreign 2.3 Industry Specific Law 2.3.1 2.3 Laws regarding E- Commerce 2.3.2 2.4 Socio-Economic Condition of food Industry in		2	21	-		
Part - 02 2.3 2.1.2 2.1.3 Getting Structured 2.2.1 Government Support 2.2.2 Government Effort in E-Commerce 2.2.2 Government Effort in E-Commerce 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in			2.1	211		
Part - 02 2.1.3 Getting Structured Part - 02 Covernment Support in food processing Por Foreign Investors 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in						
Part - 02 2.2 Government Support 1 Part - 02 2.2.1 Government Support in food processing 2 Por Foreign Investors 2.3.1 Laws regarding Food Industry 2 2.4 Socio-Economic Condition of food Industry in						
Part – 02 2.2.1 Government Support in food processing 2.2.2 Government Effort in E-Commerce 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in			22	- 4.1 cd		-
Part – 02 2.2.2 Government Effort in E-Commerce For Foreign Investors 2.3 Industry Specific Law 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in			2.4	221		-
Part – 02 2.3 Industry Specific Law For Foreign Investors 2.3.1 Laws regarding Food Industry 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in						-
For Foreign Investors 2.3 Laws regarding Food Industry 2.3.1 Laws regarding E- Commerce 2.3.2 2.4 Socio-Economic Condition of food Industry in	Part-02		23	4.4.4		-
Investors 2.3.2 Laws regarding E- Commerce 2.4 Socio-Economic Condition of food Industry in			4.0	231		-
2.4 Socio-Economic Condition of food Industry in				2.3.1		
			24	4.0.4	Socio-Economic Condition of food Industry in	1
india			2.4			
2.5 An overview of India Food Processing Sector			25			-
3 PESTEL Analysis		2	2.2	-		
4 SOWT Analysis			-			-
		-	-			+
5 Strategic implementation 5.1 Development		2	51			

			5.1.1	Location	
			5.1.2	Technology	
			5.1.3	Utilities	
		5.2		Operation	
		5.3		Banking and sources of Finance	
		5.4		Costing	
		5.5		Marketing	
			5.5.1	Market Segmentation	
			5.5.2	Pricing Strategy	
			5.5.3	Marketing Programs for Promotion	
		5.6		Strategic Alliances	
	6			Competitors Analysis	
	7			Marketing Forecast	
		7.1		Quantitative Analysis	
		7.2		Qualitative Analysis	
	.8.			Final Recommendation	
Annexure	9.			Questionnaire	
	10.	-		References	





"ZOMATO- Never have a bad meal"

ZOMATO is the brainchild of Mr. Deepinder Goyal and Pankaj Chadda who were colleagues in 'Bain And Company'. The idea to start ZOMATO came from the demand for menu cards to order food among their colleagues. Mr. Deepinder Goyal and Pankaj Chadda initially started a database for food menu named "Foodiebay" in 2008 which soon had gone live with menus of 1200 restaurants in Delhi NCR (INDIA) by July 2008. Later the name was changed into ZOMATO (to avoid any legal implication as the name Foodiebay has Ebay annexed with it) in November 2010 which is now the largest restaurant detecting platform in India listed with more than 4200 restaurant across 12 cities in the country. And internationally it has lists of about 1.4 million restaurant across 10,000 cities in and at present it operates in 23 countries, including India, Australia and the United States. ZOMATO got its first funding of \$1 million from Info Edge and it's also ZOMATO's largest shareholder. ZOMATO has over 2000 passionate Zomans strong across 23 countries, and this number is increasing day by day. ZOMATO is widely used by internet users who want information for dining and delivery options. ZOMATO is capturing customers by providing all the information a customer can need before going to a restaurant or ordering foods online. ZOMATO is following affiliate marketing model with website and mobile apps. Customers who are ordering foods online can pay through debit cards, credit cards and net banking. ZOMATO has also partnered with Paytm, PayPal, and Freecharge to enable online payments. For marketing purpose, ZOMATO's key strategy is it's friendly website with up-todate information of the restaurants. It also has a global mobile application from where it gets more than 50% of its total traffic. ZOMATO has partnered with Delhivery and has invested in Pickingo and Grab to quick up its delivery process.

ZOMATO at a glance

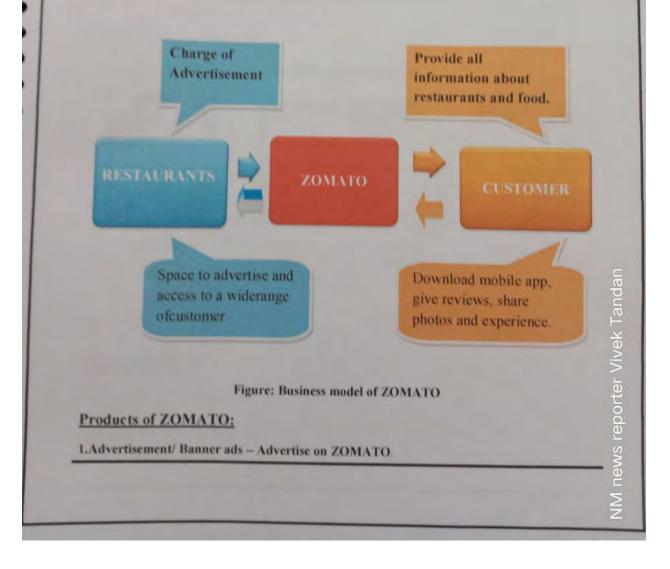
в

2

Key Activities	Value Proposition	Customer Segments	Key
 Provide local restaurants and hotel search services. Collect data on food menus, contacts and relevant information to users. Cey Resources Large database of restaurants across cities. Presence across 23 acountries 	 One-stop shop for dines and offers restaurants a way to differentiate them. Bridges the gap between customers and restaurants by efficient technology which reduces delivery time. Rating based pricing model for foods. 	 Users who try to find local restaurants of various cuisines. Restaurants who want their name to reach targeted audiences. Customer preferring home delivery. Database companies. Market research companies. 	 Partners Uber Taxi Paytm Mobiwiki Delhivery Freecharge
countries. Revenue streams		Channels	Customer
 Advertising Ticket sales Consulting 		Mobile ApplicationInternet	relationship Online service build in mandatory rating system

2. Business model:

ZOMATO provides information of all restaurants about their food menu, detailed analysis of restaurant, its branches and locations, service hours and reviews & comments from other user's who have already experience of having food on respective restaurant. The business model of ZOMATO is affiliate marketing model which work with website and mobile apps. The website enables user to search for food in different ways. Such as by name of food, general search in a specific location, search for available restaurant open in particular time of a day and even they can find out if the restaurant has a bar, buffet ,live music, happy hours and other services. This is a great platform for people who love to eat and very choosy in terms of choice of food.



2.ZOMATO for business app:

ZOMATO's app for restaurant businesses – puts the power in the hands of the business owner. With an easy-to-use interface and powerful features it helps a business get the most out of ZOMATO. Business can connect and engage with their patrons by replying to their reviews, and keep them coming back.

3.ZOMATO base - ZOMATO Base is a cloud-based POS system to help you manage your restaurant operations from a single platform

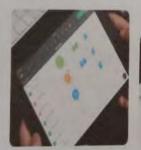
4.ZOMATO book - Table & reservation management.

5.ZOMATO order - Online ordering.

6.ZOMATOwhitelable - Custom apps for restaurant.

Search & discovery services don't charge for listing an entity with them.

Zomato Products for Business



Zomato Book Table Management

Zomato Base
BOC Finder



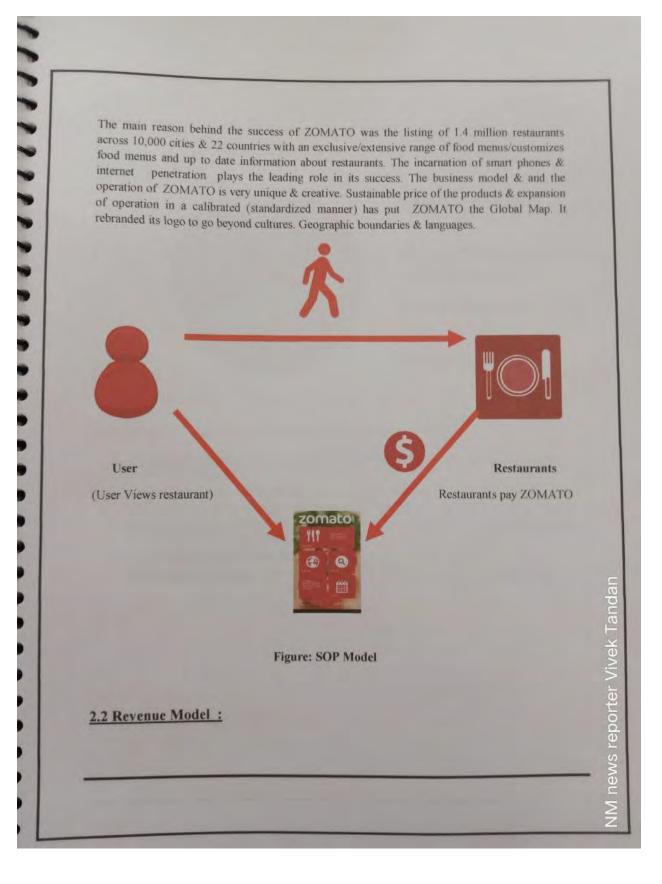
Zomato Order Online Ordering

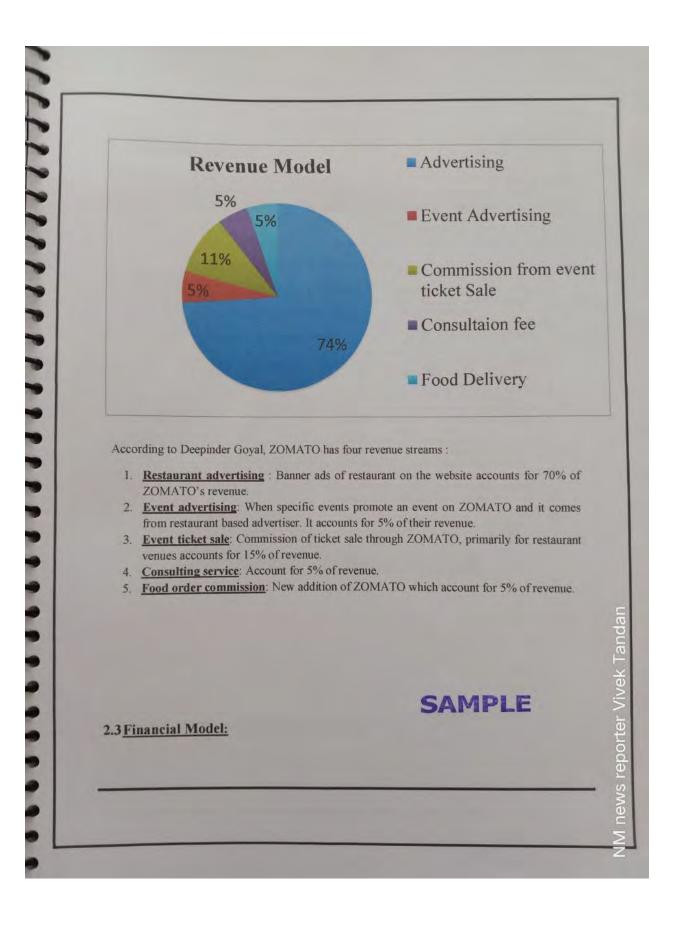


Whitelabel Apps Personalized Mobile Apps

SAMPLE

2.1 Operational Model:





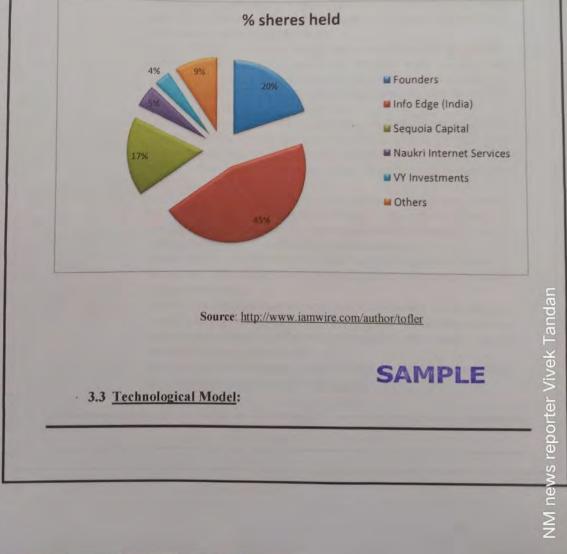
- As an online company it uses its fund strategically on technological development to ensure a strong and smooth network through website and mobile app.
- It also focuses on building strong, energetic talented Zomans to create an unmatched network for information flow.
- Mostly they use these funds to strengthen its aggressive International rollout and invest in newer segments like online food delivery and <u>cashlesspayments</u> among others. It's worth noting that ZOMATO had <u>spent most of its \$60 million funding</u> on the UrbanSpoon acquisition, which it had acquired for \$52 million.
- In February2015, ZOMATO allocated \$50 million (Rs 300 crore) to launch an online food ordering business, taking on existing players like FoodPanda and TinyOwl among others.
- ZOMATO spent Rs. 76 lakh on the delivery of food orders in FY 2016.
- It also spent Rs.44.1 crore on advertising and sales promotion in FY 2016 which is double of Rs.22.3 crore from previous year.

A glimpse of fund allocation and utilization is given below:



Info Edge (India) Limited is the largest shareholder in ZOMATO with 45.3%. The founders own 19.92% shares in the company. The shareholding pattern is as below:

19.92.%	
	Wange Shares Held 19.92 % 45.30 % 17.02 % 4.80 % 3.6 % 9.36 %



- For the uninitiated, ZOMATO provides information such as scanned menus, mapped coordinates, pictures, ratings, contact details and user reviews for restaurants across a number of locations in India, New Zealand, UK, South Africa, Philippines, and Dubai.
 - The app is available in the App Store and Google play store.



• ZOMATO Business App:

1. .ZOMATO for business app:

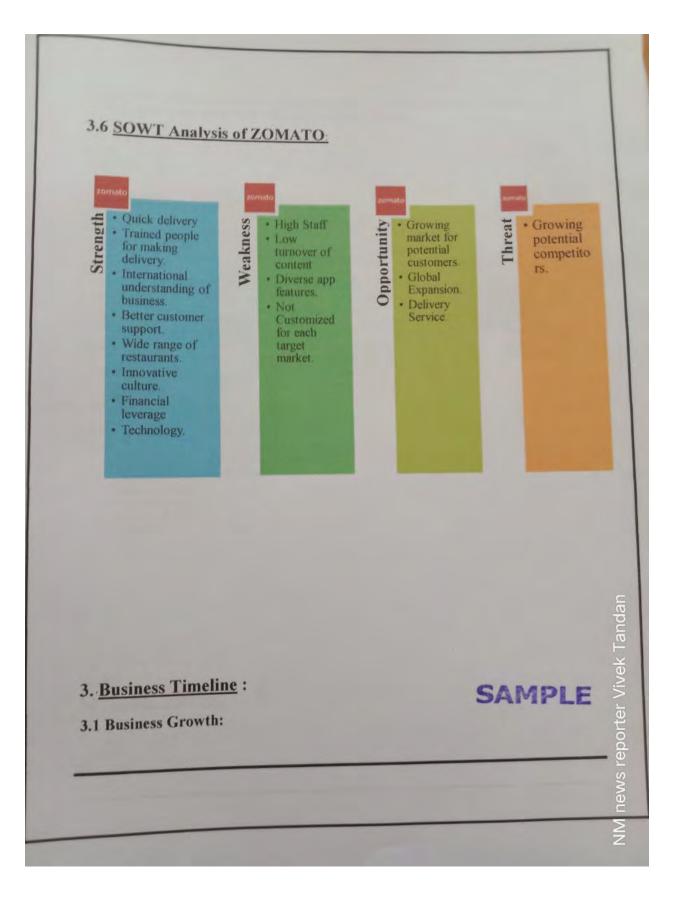
ZOMATO's app for restaurant businesses – puts the power in the hands of the business owner. With an easy-to-use interface and powerful features it helps a business get the most out of ZOMATO. Business can connect and engage with their patrons by replying to their reviews, and keep them coming back.

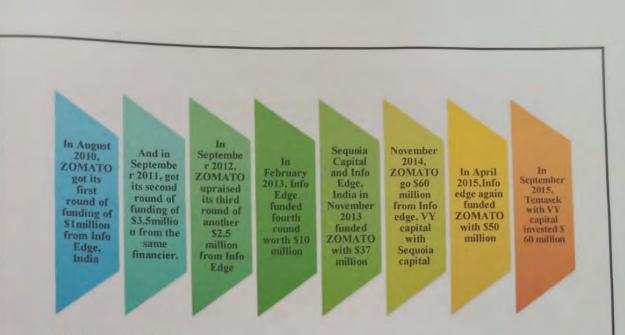
- ZOMATO base ZOMATO Base is a cloud-based POS system to help you manage your restaurant operations from a single platform
- ZOMATO book Table & reservation management.
- 4. ZOMATO order Online ordering.
- 5. ZOMATO whitelable Custom apps for restaurant.

Search & discovery services don't charge for listing an entity with them.

SAMPLE

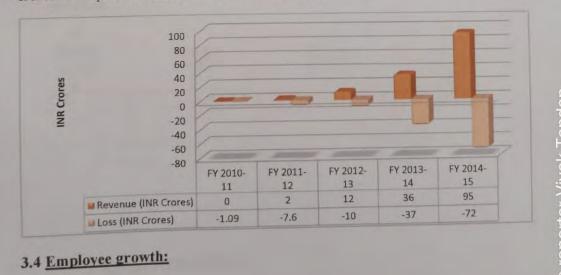
3.4 Payment Model:



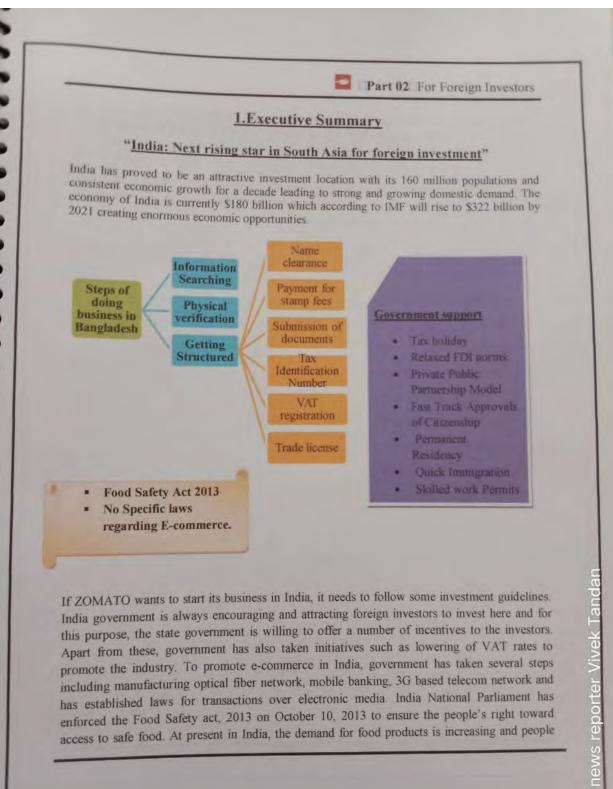


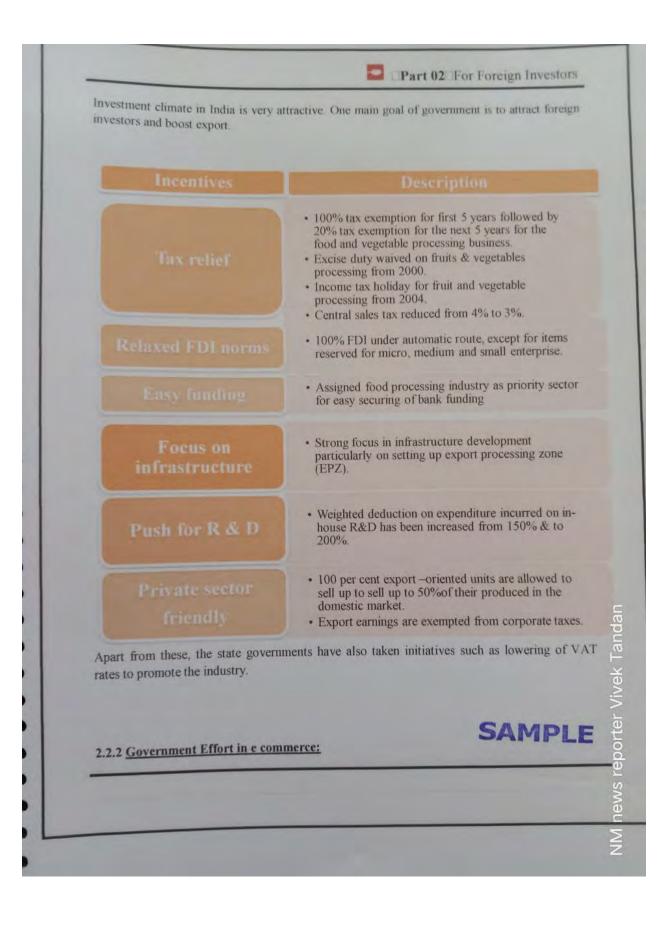
3.3 Revenue Growth:

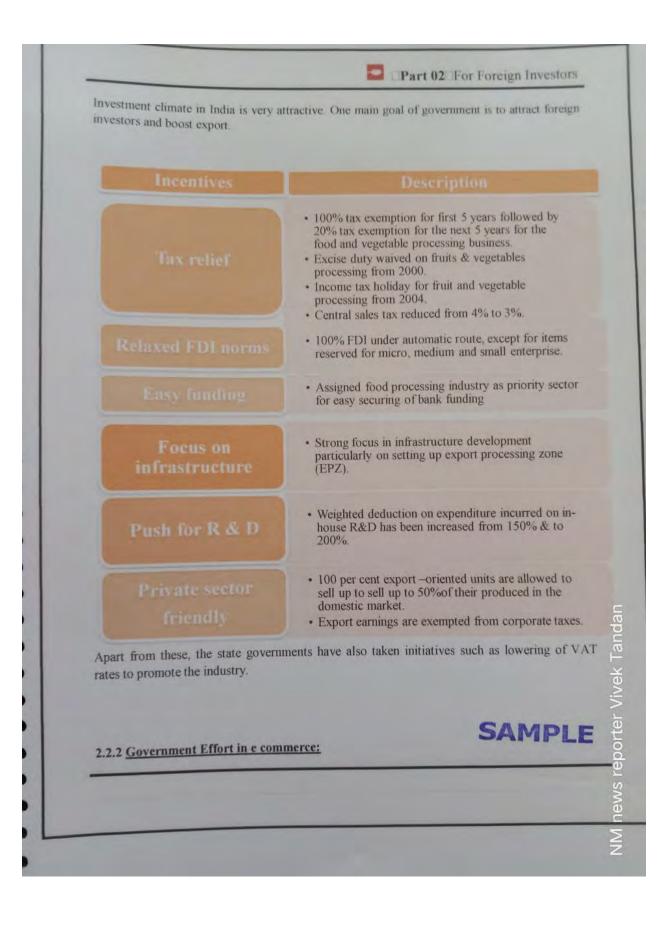
ZOMATO Media Private Limited, the owner company of ZOMATO, has filed its latest revenue figures with the Registrar of Companies. It has reported revenue of Rs. 95 crores in FY 2014-15. This is more than 2.5 times the previous year's revenue of INR 36 crores. Out of the reported revenue of Rs. 95 crores in FY 2014-15, Rs. 78 crores has been reported as 'Revenue from advertisements'. Remaining Rs. 16 crores is reported to be from other sources, these include Rs. 14.7 crores from 'Net gain on sale current investment' and Rs. 1.4 crores from bank deposits. The company incurred expenses of Rs. 166 crores in FY 2014-15, thus making a loss of Rs. 72 crores as compared to a loss of INR 37 crores in the previous fiscal.

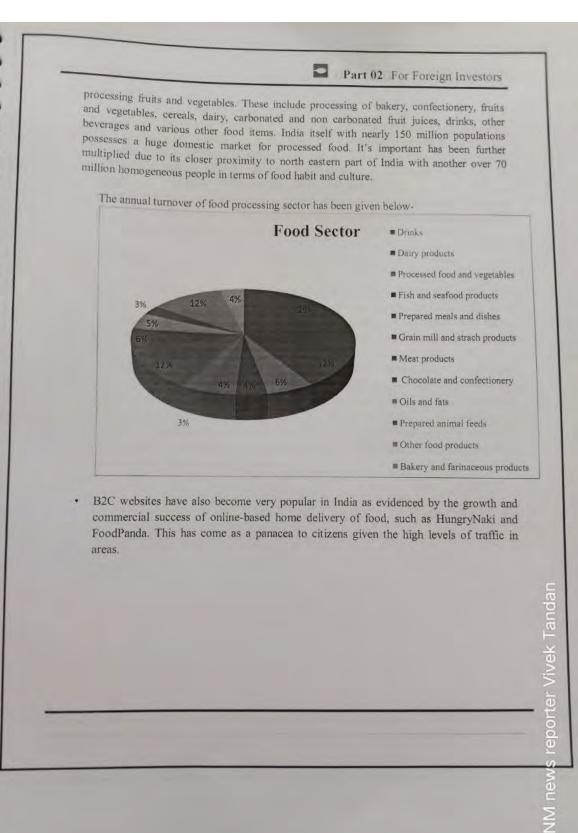


11111	PART – TWO For Foreign Direct Investment (FDI)
	Dzomato
	SAMPLE 22









HHHHHHHHHHHIIII

Part 02 For Foreign Investors

Hungrynaki

Hungrynaki Founded by Ahmad A D, Sazid Rahman, Rifat Nabi and Tausif Ahmad the website first began operating from October, 2013. Hungrynaki started its journey with just two developers, four executives and one delivery man, catering to the need of Gulshan and Banani residents. But they kind of knew it was coming, because online businesses are something which is still new in our country. But as they were growing, the restaurant owners understand how it is helping them make more profit. Now Hungrynaki has over 60 people working for them including delivery men, and operates in Dhaka, Chittagong and Sylhet. In two years their annual turnover has been 1.2 billion taka.

FoodPanda

Foodpanda India started its journey in December 2013 and has become the number one food ordering platform in a very short span of time. Its Co-founder & MD are Ambareen Reza Cr &Zubair B.A. Siddiky foodpanda is an online food delivery portal that enables customers to order food from the best restaurants and get it delivered to their homes. With an extensive roaster of 450+ restaurants available in 3 cities Dhaka, Chittagong, Shylet, foodpanda is a one-stop food delivery service for all. FoodPanda is also available with the free App for Android and iOS devices. The App offers great features such as the possibility of saving favorite restaurants and orders. Furthermore, new customers can also read comments left by previous customers and find discounts and promotional vouchers. Currently our head office is located in Banani Dhaka and we also have offices in Chwak Bazar Joynagar Chittagong, Amberkhana Ghurni Housing Shylet. All offices are rented on monthly basis.

SAMPLE

3. PESTEL Analysis:

Political

- · Ups ansd down in political stability
- · Positive Government support
- · Favorable Govt . support for foreign investment

Part 02 For Foreign Investors

NM news reporter Vivek Tandan

Economic

- · Positive changes in income level
- · Accelarated business growth.
- · Increasing employment.

Social

- · Increasing rate of educated people
- · customers awarness about online sector
- · Habits of customers are changing
- · Change in outlook
- · Change in life style

Technological

· Enthusiastic about new technology adaptation.

- · positive technologcal change.
- · Increasing use of mobile technology.
- Development of technological infrustructure.

Environmental

- Slow-moving compitition
- · Feasible working environment.

Legal

- · Food Safety Act 2013.
- · No established laws & regulations regarding e-commerce.

Part 02 For Foreign Investors

competitive players are Foodpanda and Hungrynaki. The others are not playing significant role yet. So a brief competitor analysis on Foodpanda & Hungrynaki is given below:

Particulars	Foodpanda	Hungrynaki
About	FoodPanda is an excellent globalonline food delivery system.	HungryNaki.com is a 100% Indiai Online Food Ordering & Delivering Service
Launched	Lunched on November 19th, 2013 in India	Launched in 2013
Purpose	Order food online	Don't want anybody to be hungry
Interface	Foodpanda has an android/iOS app for their service.	HungryNaki has an android/iOS app for their service.
Easiness	During sign-up, you have to enter more details on Foodpanda	During sign-up, you have to enter less details on HungryNaki
Cart system	Very well cart system.	Trouble in cart system of hungrynaki
Order address	FoodPanda remembers your previous order address	Hungrynaki doesn't remember your previous order address.
Advantage	After ordering, they are extremely fast in placing a phonecall to you in order to guarantee your order.	After ordering, they are extremely fast in placing a phonecall to you in order to guarantee your order & services extremely efficient and useful.
Time of delivery	FoodPanda decides to give you an exact ETA (usually ranging around 55 minutes instead of the 1 hour written on their app – but that differs for every order).	frame of one to one and a half hours for long distance orders
Delivery system	FoodPanda has its own team of cyclists coming over to deliver food to your house.	

NM news reporter Vivek Tandan

	Part 02 For Foreign Investors			
Delivery expense		The maximum delivery charge is BDT 100, and is usually waived away from many		
Payment system	You can pay as soon as you get the food delivered. No credit card is required to order food, no advance payment.	have a large order		
Partners	Food delivery from 650+ restaurants in Dhaka, <u>Chittagong&Sylhet</u> in India. Order from a wide range of cuisines ranging from fast food, pizza to cake items	It says a total of 750 restaurants are online across the three cities, with approximately 58,000 registered users.		

SAMPLE

7.Marketing Forecast:

NM news reporter Vivek Tandan

Questionnaire for Customers

Dear Sir/Madam,

Please spare a few minutes of your valuable time to answer the questionnaire.

1. Personal profile:

Name:

Age:

Phone:

Occupation:

Email ID:

Please read each statement given below carefully and put a tick in the box which best reflects your personal opinion

2. How often do you visit restaurants?

- 🗆 Often
- Weekends
- \Box Once in a month
- 🗆 Never

3. What time of the day do you prefer to eat at restaurants?

- Morning
- 🗆 Noon
- EveningNight
- 1 Night

4. Which of the following factors you like more in any restaurants?

- □ Service
- □ Food Quality
- □ Ambience
- 🗆 Menu
- D Price
- Other _____

5. What is the main problem you faced at enjoying foods?

- □ Lack of information
- High waiting time

Long queues

- □ Wrong order
- □ High price

49

NM-news reporter Vivek Tandan

	-	100	1	10	14
Log March	>	100	63	ю.	1

8. What percentage of total revenue is generated through the online portals?

- □ < 20%
- 20% 50%
- □ >50

9. Does the online reviews and ratings affect your business?

- □ Yes
- D No

10. Has there been an enhancement in your brand value since the association?

- 🗆 Yes
- 🗆 No

11. Have you heard about Zomato?

- 🗆 Yes
- 🗆 No

12. If Zomato came in India, are you willing to tie up with them?

- 🗆 Yes
- 🗆 No

13. How would you expand your business in the near future?

- □ Continue to associate with the current online portal.
- Look for a new online food portal.
- Develop your own website.



NM news reporter Vivek Tandan

References:

1.http://www.edupristine.com/blog/zomato-acquires-food-portal-urbanspoon

2.http://techstory.in/zomato-story-the-facts-and-the-future /

3.<u>http://www.medianama.com/2013/05/223-zomato-in-fy13-rs-11-38-crore-operating-revenues-rs-10-crore-operating-ebitda-loss/</u>

4.http://www.businessinsider.com/zomato-buys-urbanspoon-2015-1

5. http://economictimes.indiatimes.com/small-biz/startups/only-defensible-indian-unicornrevenue-doubled-in-last-9-months-zomato-ceo-deepinder-goyal/articleshow/52185556.cms

6.https://www.owler.com/iaApp/141362/zomato-company-profile?onBoardingComplete=true

7.http://archive.dhakatribune.com/business/2016/jan/31/e-commerce-india

8. http://www.bankinginvestment.net/article/434440700/an-insight-into-the-turnaround-strategyof-zomato-s-business-plan/

9.http://www.foodpro.com.bd/way-to-foodpro-india

10.https://sdasia.co/2014/12/08/foodpanda-india-turns-one-success-story

11. www.medianama.com/2015/07/223-zomato-online-payments/

12. techcircle.vccircle.com/2015/09/04/zomato-integrates-paytm-wallet-for-food-payments/

13.<u>https://www.google.com.bd/amp/wap.business-standard.com/article-amp/companies/zomato-launches-cashless-payment-option-in-dubai-115020300252_1.html</u>

14. India board of investment

15. https://en.wikipedia.org/wiki/Food_industry_in_India

16. http://www.thedailystar.net/food-industry-in-india-6622

17. http://www.hortex.org/Employment%20and%20GDP_Agro-processed_171113.pdf

18. http://www.slideshare.net/Tanvir777/the-overall-economic-condition-of-india

19.http://www.tradingeconomics.com/india/gdp-growth

20.https://prezi.com/md_q1hcyvrub/an-insight-into-zomatos-marketing-strategy/

21.http://www.slideshare.net/sahiljain7169/summer-internship-project-report-on-online-food-app-tinyowl

22.http://dsim.in/blog/2015/04/14/zomato-an-indian-startup-acquiring-the-world/

23.http://www.digitalvidya.com/blog/zomato-successfully-leveraged-digital-marketing-to-generate-funding/

24.http://www.slideshare.net/vgandhi86/zomato-case-study-v10-20-72015

25.https://www.socialsamosa.com/2012/07/zomatos-social-media-strategy-explained-interview/

26. Bangladesch-doing-business-in-india-2008

27. India Next rising star in South Asia for foreign investment _ Arab News

28. A review of FoodPanda and HungryNaki – India's First Online Food Delivery Services! _ UNaB Magazine

29. E-Commerce business in India - TechiNews24.com

30. FoodPanda India Turns One A Success Story - SDAsia

SAMPLE