CHAPTER – 1 SERIES COMPLETION

Direction (1 to34): In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

| 1. | 17,19,22,27,34 | | (0) 7.6 | (D) 50 | [| A |] |
|-----|--|--------------------------|--------------------|--------------------|---|---|---|
| | (A) 58 | (B)57 | (C)56 | (D)59 | | | |
| 2. | 1,2,6,15,31, (A)47 | (D) 50 | (C)55 | (D)56 | [| D |] |
| 3. | 7,28,49,70,91,1 (A)135 | | (C)133 | (D)130 | [| C |] |
| 4. | 7,12,19,28,39, (A)49 | (B)57 | (C)52 | (D)51 | [| C |] |
| 5. | 3,7,15,27,43,63 (A)86 | | (C)89 | (D)90 | [| В |] |
| 6. | 5,11,23,47,95, (A)191 | (B)161 | (C)169 | (D)190 | [| A |] |
| 7. | 1,1,3,9,6,36,10 (A)15 | | (C)20 | (D)25 | [| A |] |
| 8. | 5,7,10,15,23, (A)31 | | (C)35 | (D)34 | [| C |] |
| 9. | 11,23,48,99, (A)200 | _, 409 (B)202 | (C)201 | (D)205 | [| В |] |
| 10. | 0,6,24,60,, (A)117 | | (C)132 | (D)120 |] | D |] |
| 11. | 0,4,6,3,7,9,6, (A)8 | | (C)11 | (D)14 | [| В |] |
| 13. | 11,12,20,47, (A)91 | (B)101 | (C)111 | (D)121 | [| C |] |
| 14. | 5,6,10,19,35, (A)45 | (B)48 | (C)60 | (D)62 | [| C |] |
| 15. | 10, 19, 40, 77, | | | | [| A |] |
| 16. | (A) 311 2, 10, 26, 50, 8 (A) 110 | (B) 307 2, (B) 112 | (C) 301 (C) 120 | (D) 299 (D) 122 | [| D |] |

| 17. | 8, 9, 11, 14, 18, 23, (A) 28 (B) 30 | (C) 29 | (D) 33 | [| C |] |
|-----|--|--------------|-------------------|---|---|---|
| 18. | 8, 7, 11, 12, 14, 17, 17, 22, (A) 27 (B) 20 | (C) 22 | (D) 24 | [| В |] |
| 19. | 3, 8, 13, 24, 41, ? (A) 70 (B) 75 | (C) 80 | (D) 85 | [| A |] |
| 20. | 10, 11, 101, 111, 1011, ? (A) 1001 (B) 1101 | (C) 1011 | (D) 1111 (E) 1100 | [| E |] |
| 21. | 27, 9, 3, 39, ?, 4, 2, 14 (A) 14 (B) 34 | (C) 64 | (D) 8 | [| D |] |
| 22. | 2, 12, 30, 56, 90, (A) 110 (B) 121 | (C) 132 | (D) 143 | [| C |] |
| 23. | 2, 3, 5, 8, 13, 21, (A) 29 (B) 30 | (C) 32 | (D) 34 | [| D |] |
| 24. | 0, 2, 3, 5, 8, 10, 15, 17, 24, 26 (A) 35 (B) 32 | o, (C) 30 | (D) 28 | [| A |] |
| 25. | 10, 15, 30, 45, 90, (A) 100 (B) 110 | (C) 125 | (D) 135 | [| D |] |
| 26. | 1, 1, 2, 3, 5, 8, 13, ? (A) 21 (B) 17 | (C) 19 | (D) 29 | [| A |] |
| 27. | 0, 3, 8, 15, 24, 35, ? (A) 46 (B) 48 | (C) 47 | (D) 50 | [| В |] |
| 28. | 79, 61, 44, 29, ? (A) 24 (B) 14 | (C) 23 | (D) 17 | [| D |] |
| 29. | 60, 12, 24, 6, ? 2 (A) 8 (B) 4 | (C) 6 | (D) 9 | [| C |] |
| 30. | 1, 3, 9, 33, 153,? (A) 199 (B) 306 | (C) 720 | (D) 873 | [| D |] |
| 31. | 840, 168, 42, 14, 7, (A) 1 (B) 7 | (C) 9 | (D) 3 | [| В |] |
| 32. | 1, 4, 2, 8, 6, 24, 22, 88, (A) 86 (B) 90 | (C) 154 | (D) 352 |] | A |] |
| 33. | 225, 336, 447, 558,7710 (A) 690 (B) 660 | (C) 689 | (D) 669 | [| C |] |

| 34. | 28, 34, 45, 61, 7 (A) 78 | 72, (B) 83 | (C) 88 | (D) 80 | [| A |] |
|-----------------|------------------------------|-----------------------------|-------------------------------|---|-----|-----|-----------|
| 35. | Find a wrong m (A) 13 | umber in the seri (B) 47 | es: 8, 13, 21, 32, (C) 32 | , 47, 63, 83 (D) 63 | [| В |] |
| 36. | Find a wrong m (A) 75 | umber in the seri (B) 37 | es: 9, 19, 37, 75, (C) 149 | , 149, 297 (D) 297 | [| A |] |
| 37. | Find wrong nur (A) 7 | mber in the series (B) 28 | :: 7, 28, 63, 124, (C) 124 | 215, 342, 511 (D) 215 | [| В |] |
| | vith one or mor | | | s, various terms of an a pose the missing term o | _ | | |
| 38. | ABX, EFT, IJP (A) QRG | , MNL,? (B) QRI | (C)QRS | (D) OQT | [| A |] |
| 39. | BDF, CFI, DHI (A) CJM | L,?. (B) EIM | (C) EJO | (D) EMI | [| C |] |
| 40. | JE, LH, OL, SQ (A) WV | Q,?. (B) XW | (C) VW | (D) VX | [| В |] |
| 41. | Z, X, V, T, R, . (A) O, K | | (C) K, S | (D) P, N | [| D |] |
| 42. | AZ, CX, FU, (A) IR | .? (B) IV | (C) JQ | (D) KP | [| C |] |
| 43. | A, CD, GHI, (A) LMNO | | (C) NOPQ | (D) MNOP | [| D |] |
| Direction term. | ons: (44 – 50) I | n each of the fol | lowing question | s, one term is wrong. I | ind | out | the wrong |
| 44. | 1, 5, 5, 9, 7, 11, (A) 11 | , 11, 15, 12, 17 (B) 12 | (C) 17 | (D) 15 | [| В |] |
| 45. | 2, 5, 10, 17, 26, (A) 17 | , 37, 50, 64 (B) 26 | (C) 37 | (D) 64 | [| D |] |
| 46. | 225, 196, 169, 1 (A) 80 | 144, 121, 80 (B) 121 | (C) 169 | (D) 196 | [| A |] |
| 47. | 24, 27, 31, 33, 3 (A) 24 | 36, 39 (B) 27 | (C) 31 | (D) 23 | [| C |] |
| 48. | 1, 3, 7, 15, 27, (A) 7 | | (C) 27 | (D) 63 | [| C |] |

| 49. | 1, 3, 10, 21, | 64, 129, 256, 777 | | | [| C |] |
|-----|---------------|-------------------|---------|---------|---|---|---|
| | (A) 10 | (B) 21 | (C) 129 | (D) 256 | | | |
| 50. | 5, 27, 61, 12 | 2, 213, 340, 509, | | | [| A |] |
| | (A) 27 | (B) 61 | (C) 122 | (D) 509 | | | |

Directions (51 -55): In each of the following letter series, some of the letters are missing which are given in that order as one of the alternative below it.

Choose the correct alternative.

| 51. | aab – aa- bbb | – aaa – bba | | |] | В |] |
|-------|--|----------------------|-------------|---------------------|---|---|---|
| | (A) abba | (B) baab | (C) aaab | (D) abab | | | |
| 52. | bc - b - c - b | - ccb | | | [| A |] |
| | (A) cbcb | (B) bbcb | (C) cbbc | (D) bcbc | | | |
| 53. | abca – bcaab | -a-bc - | | | [| C |] |
| | (A) ccaa | (B) bbaa | (C) abac | (D) abba | | | |
| 54. | aba ba | – ab | | | [| В |] |
| | (A) abbba | (B) abbab | (C) baabb | (D) bbaba | | | |
| 55. | c – bba – cab | ac – ab – ac | | | [| В |] |
| | (A) abcbc | (B) acbcb | (C) babcc | (D) bcacb | | | |
| Direc | tion: (56-59): C | thoose the corr | ect answer | | | | |
| 56. | ZA ₅ , Y ₄ B, XC | 6, W ₃ D, | | | [| D |] |
| | $(A) E_7 V$ | (B) V_2E | (C) VE_5 | (D) VE ₇ | | | |
| 57. | P_5QR, P_4QS, I | P ₃ QT, | P_1QV | | [| C |] |
| | (A) DOW | (D) DOM | (C) D OII | (D) DO II | | | |

(A) PQW

(B) PQV_2

(C) P_2QU

(D) PQ_3U

DEF, DEF₂, DE₂F₂, _____ $D_2E_2F_3$ 58.

(A) DEF₃

(B) D_3EF_3

(C) D_2E_3F

(D) $D_2E_2F_2$

[**D**]

[B]

59. B_2CD , _____, BCD_4 , B_5CD , BC_6D

 $(A) B_2C_2D$

(B) BC_3D

(C) B_2C_3D

(D) BCD₇

CHAPTER -2 **CODING AND DECODING**

| written in that code? |) | NEITNO, How is PATT | ERN [C] |
|------------------------|---|--|--|
| (A) APTTREM | (B) PTAETNR | (C) OTAETNR | (D) OTAETRN |
| In a certain code FC | ORGE is written as FPTJ | I, how is CULPRIT writ | ten [C] |
| in that code? | | | |
| (A) CSJNPGR | (B) CVMQSTU | (C) CVNSVNZ | (D) CXOSULW |
| _ | - | ed as GEPGYXXE, whic | eh [A] |
| | - | | |
| (A) BOMBYA | (B)BOMBAY | (C) BOMBYAB | (D) BOBAYM |
| | | coded as 93596, then wha | at [A] |
| | | (C) 554978 | (D) 735961 |
| (11) 433710 | (B) 341710 | (0) 334710 | (D) 755701 |
| | _ | per 43, what code number | r can [D] |
| (A) 75 | (B) 85 | (C) 120 | (D) 123 |
| If rat is called dog | dog is called mongoose | mongoose is called lion | [C] |
| | - | _ | |
| | | - | us per |
| If finger is called to | e toe is called foot foot | is called thumb thumb i | is called [B] |
| - | | | |
| (A) thumb | (B) ankle | (C) knee | (D) plam |
| | | | |
| | _ | | |
| • | • | | d mean goes? |
| (A) III 0 (B) | iiii (C) Kii | (D) 031 | |
| | | | [C] |
| | • | | ns 'truth does not |
| • | • | • | |
| (A) 9a (B) | 7c (C) 8b | (D) 9a or 8b | |
| | age CARROM is coded | as BZQQNL, which wor | rd is [A] |
| | | | |
| (A) IPVTF | (B) GNTRD | (C) INVRF | (D) GPTID |
| If in a certain langua | age, NEOMAN is coded | as OGRQFT, which wo | rd [C] |
| | | | |
| (A) YJBKTO | (B) XIAJSN | (C) YIZHPJ | (D) YIAQKJ |
| If a certain language | DODITI AD is coded a | | rd [<mark>B</mark>] |
| | t, FOFULAK IS COUCU a | s QPQVMBS, which wo | ו ע ן |
| would be coded as (| | s QPQVMBS, which wo | iu (<u>u</u>) |
| ~ ~ | | s QPQVMBS, which wo | (D) FOSAUM |
| | In a certain code FC in that code? (A) CSJNPGR If in a certain langua word would be code (A) BOMBYA If PAINT is coded a is the code for ACC (A) 455978 If PALAM could be be given to SANTA (A) 75 If rat is called dog, clion is called snake, (A) rat (B) If finger is called to ankle, ankle is called (A) thumb If 'stinrokti' stands he goes' and 'bsinrom (A) nro (B) In a certain code land 7c, 9a, 8b, 3a' meand Enmity'. Which of the (A) 9a (B) If in a certain langual coded as HOUSE? (A) IPVTF If in a certain langual coded as HOUSE? If in a certain langual coded as HOUSE? | In a certain code FORGE is written as FPTJ in that code? (A) CSJNPGR (B) CVMQSTU If in a certain language CALCUTTA is code word would be code as FSQFCE? (A) BOMBYA (B)BOMBAY If PAINT is coded a 74128 and EXCEL is consistent in the code for ACCEPT? (A) 455978 (B) 547978 If PALAM could be given to the code number be given to SANTACRUZ? (A) 75 (B) 85 If rat is called dog, dog is called mongoose, lion is called snake, and snake is called an endale (A) rat (B) dog (C) mongood (C) mong | In a certain code FORGE is written as FPTJI, how is CULPRIT writin that code? (A) CSJNPGR (B) CVMQSTU (C) CVNSVNZ If in a certain language CALCUTTA is coded as GEPGYXXE, which word would be code as FSQFCE? (A) BOMBYA (B)BOMBAY (C) BOMBYAB If PAINT is coded a 74128 and EXCEL is coded as 93596, then what is the code for ACCEPT? (A) 455978 (B) 547978 (C) 554978 If PALAM could be given to the code number 43, what code number be given to SANTACRUZ? (A) 75 (B) 85 (C) 120 If rat is called dog, dog is called mongoose, mongoose is called lion, lion is called snake, and snake is called an elephant, which is reared (A) rat (B) dog (C) mongoose (D) lion If finger is called toe, toe is called foot, foot is called thumb, thumb is ankle, ankle is called palm and plam is called knee, which one finge (A) thumb (B) ankle (C) knee If 'stinrokti' stands for 'clouds pour down', 'nrobsimit' stands for 'clouds pour down', 'nrobsimit' stands for 'clouds pour down', 'mrobsimit' stands for 'clouds pour down', 'mrobsimit' stands for 'clouds pour down', 'nrobsimit' stands for 'clouds pour down', 'nrobsimit' stands for 'clouds pour down', 'mrobsimit' stands for 'clouds pour down', 'mrobsi |

| | would be coded (A) RSKLEMA | d as SLTMFNB? A (B) TK | ULGMC | (C) RMSNE | OA (D) TM | ИUN | (GO | C |
|----------|---------------------------------|---|---------------------------|------------------|--|-------------|----------------|----------|
| 14. | | anguage A is code? | led as 1, B is cod | led as 2, and so | o on how | [| A |] |
| | (A) 294493 | (B) 28 ⁴ | 1563 | (C) 375582 | (D) 39 | 4492 | 2 | |
| 15. | If D = 4 and CO (A) 49 | OVER = 63, then (B) 50 | n BASIS =? (C) 54 | (D) 55 | | [| В |] |
| 16. | If $Z = 52$ and $A = 52$ (A) 39 | ACT = 48, then B (B) 41 | AT will be equa (C) 44 | l to (D) 46 | | [| D |] |
| 17. | | ed 'butler' is cal ed 'clerk' and 'c (B) butler | • | | will teach in the c | [:lass: | |] |
| 18. | | alled gold, gold i merald, which is (B) silver | • | | · | [| D |] |
| 19. | • | hand, hand is called tongue, (B) mouth | | | person hear? | [| C |] |
| 20. | - | a' stands forshrm e gives marriage an 'gives'? (B) nhi | | - | - | [| D |] |
| 21. | If 'tee see pee' | means 'Drink fi | ruit juice'; 'see k | ee lee' means | 'juice is sweet' mean 'sweet' in th | | |] age |
| | (ii) 'na jo tod' 1 | language, 'bring me water' means 'water is l means 'Life and | ife'; | | | [| C |] |
| Which | of the following (A) jo | represents 'is' in (B) na | n that language? (C) tod | (D) lin | | | | |
| 23. | | | | | ord represents 'wi | | A '? |] |
| 24. In | | 86' means 'study as 'study and wo (B) 6 | • | | the code for 'very' | ['? | C |] |
| 25. In a | certain code lan | guage, '324 mea | nsʻlight is brigl | nt', '629' mea | ns 'Girl is | [| A |] |

| beautiful' and '4758 me | • | • | • | ans 'Light' i | n tha | ıt laı | ngua | ge? | |
|---|----------------|------------------------|--------------------|----------------|------------|-------------|------|------|-----|
| (A) 3 | (B) 2 | (C) 4 | (D) 7 | | | | | | |
| 26. In a certain code land and '436' means 'colou (A) 5 (B) 4 | | ch of the fol | | | r' | | [| C |] |
| 25.7 | | | | | | | | _ | |
| 27. In a certain code (i) '134' means 'you ar | | | | | | | [| D | J |
| (ii) '758' means 'they g (iii) '839' means 'we ar | - | | | | | | | | |
| Which of the following | | ey' in that c | ode language? | | | | | | |
| (A) 5 | (B) 7 | (C) 8 | (D) data in | adequate | | | | | |
| 28. In a certain languag for "JAIPUR" | ge, "DELHI" is | s coded as " | WVOSR" then who | at is the code | | | [| A |] |
| (A) QZRKFI | (B) l | RUPIAJ | (C) KBJQ | VS | (D) | W | NVC | HE | |
| 29. In a certain languag is the code for "DE | | coded as "F | ERIL", in the same | way what | | | [| A |] |
| (A) FHHVOR | | FHIVPR | (C) ROVH | HF | (D) | FH | HVF | RO | |
| 30. In a certain language latter value is '21' | ge, Z=1, Y=3, | X=5, W=7, | V=9 the | n which | [| В |] | | |
| (A) Q | (B) P | (C) R | (D) S | | | | | | |
| 31. In a certain languag which word is code | | | NWJWH" . In a sa | me way, | [| A |] | | |
| (A) CHIAR | (B) CHAIR | | (C) CIAHR | (D) CR | AIH | I | | | |
| 32. In a certain languag is the code for "PII | | W" is coded | l as "SALWWLO" | what | [| В |] | | |
| (A) POLLIWS | | PLLISOW | (C) PLOW | LIS | (D) | PW | /OLI | LIS | |
| 33. If pen means paper, | paper means | book , book | means scale, scale | e | [| A ?' | ?] | | |
| means bag, bag me | | • | | | | | | | |
| (A) book | (B) bag | (C) bus | (D) scale | | | | | | |
| 34. If teacher means do lawyer, Lawyer me to construct the ho | ans manger, n | - | ~ | | [vho v | D?' will | - | a pl | lan |
| (A) engineer | | awyer | (C) manag | er | (D) | doc | ctor | | |
| 35. In a certain code lar | | | tten as BDSBFUJS | S. How | [| В |] | | |
| is TRIANGLE writ (A) SJSBDOJI | | that code? BHSSFKHN | ı (C |) BJSBDOIJ | | | (D) | | |
| SJSBDIJO | | | · | | | ъ | _ | | |
| 36. In a certain code, B is written in that co | | written as SC | jFVAQN. How SU | JPREME | [| В |] | | |
| (A) DLDSTVQ | | DLDSRTO | (C)FNFSR | OT | (D) | RT | OSE | LD | ı |

| 37. What number | er is the code | e for 'blue'? | | | [D |] | | |
|--|----------------|---------------|----------|---|----------------|-------------|---|------------|
| (A) 1 | (B) | 6 (0 | C) 9 | (D) 8 | | | | |
| 38. If DIAMON | ID is coded a | as VQYMKLV | , how is | FEMALE coded? | [A |] | | |
| (A) TUMY | NU (B) | UVNZOV | (C |) UVNYNV | (D) TVNYNV | | | |
| | • | | | XXR and BLEAT is itten in this coding sy | [A |] | | |
| (A) GPTNX | (B) | GPTXN | (C |) GPXNT | (D) PTGXN | | | |
| 40. In a certain of the written is the | | | FNBLK | , then how will VOT | ES | [| В |] |
| (A) FLKBN | (B) | LBNKF | (C |) LKNBF | (D) LNBKF | | | |
| 41. IF REASON | | 5 and BELIEV | /ED as 7 | , then what is the cod | le | [| C |] |
| (A) 6 | (B) 8 | (C) 9 | (D |) 10 | | | | |
| 42. If DRIVER | = 12, PEDE | ESTRIAN = 20 | , ACCIE | DENT = 16, then CA | R =? | [| В |] |
| (A) 3 | (B) 6 | (C) 8 | (D |) 10 | | | | |
| 'nil pom ra', m like' in that cod | eans 'you lik | | | t; 'mo nil' means 'yo eans 'she was sick'. l | - | [rite ' | |] t you |
| (A) nil ra lee | (B) | pom nil ra | (C |) pom ra lee | (D) nil pom de | | | |

Directions (Q. 44 to 49): Below in column I are given some words and in Column II are given their equivalently in some code language. Words in column II do not appear in the same order as in column I. Moreover, the order of letters is also jumbled. Decode the language and choose the correct alternative which is the equivalent of the given word:

| | Column – I | | Column - II | | | | | |
|--------|------------|--------|-------------|----------|----------|---|-----|--|
| (1) | PAPE | (A) | moij | | | | | |
| (2) | COUP | (B) | ihhpok | | | | | |
| (3) | TIE | (C) | nls | | | | | |
| (4) | ROTATE | (D) | nhpk | | | | | |
| (5) | SAY | (E) | nkpl | | | | | |
| (6) | TREAT | (F) | msr | | | | | |
| (7) | YEAR | (G) | khlph | | | | | |
| (8) | SIP | (H) | hrp | | | | | |
| (9) | TYRE | (I) | pmlh | | | | | |
| | | | | | | | | |
| 44. SC | OUP | | | | | [| B] | |
| (A) os | mj | (B) so | jm | (C) osjm | (D) somj | | | |

| 45. REACT (A) lhpjk | (B) 1 | ihpr | (C) pkj | iih | (D) kplih | [| D |] |
|--|--|-----------------------------|---------------|---------------|---|--------------|----|-----------|
| 46. POSSESS (A) msoopoo | (B) 1 | nosspss | (C) poi | rrprr | (D) mpiioii | [| В |] |
| 46. CREATE (A)ljhkhn | ` , | knlhn | (C) jlpl | • | (D) ilpkhp |] | D] | |
| 47. EASY | | | | | | [(| C] | |
| (A)lnps | (B) lpns | (C) plsn | (D) pnl | ls | | - | - | |
| | r good service' | and "rib sin | _ | | ntial', "sin fa de" e". How will "regu | [lar ser | |] " be |
| (A) sin fa | | sin de | (C) rib | sin | (D) data inad | lequate | 9 | |
| language? | d I" and "mic | dek fic" mear | ns "how I am" | '. What is th | "age mic ter" ne code for "and" | [in that | |] |
| (A) dek | (B) age | (C) sil | (D) ter | | | | | |
| Directions (Qa following ques | | udy the follow | wing stateme | nts A, B, C, | D and E and ans | wer tl | he | |
| B. 167 rC. 567 rD. 156 m | means "you bet means "better of means "you con means "better you means "come a | ome here" me here" ou here" | | | | | | |
| 50. Which of the code number ' | | roup of minir | num statemen | ts are neces | sary to find the | [| A |] |
| (A) A and B | (B) l | O and E (| C) B & D | (D) B & E | | | | |
| 51. which num (A) 6 | neral means "ar (B) 9 | nd"? (C) 3 | (D) 7 | | |] | C |] |
| 52. Which nun | neral means "g | o"? | | | | [| DD |)] |
| (A) 1 | (B) 5 | (C) 7 | (D) 9 | | | _ | | |
| | | | | | | | | |
| | | | | | | | | |

CHAPTER-3 ANALOGY

Direction (1-22): Select the pair that has the same relationship as the given pair of word $\!\!/$ number $\!\!/$ letters.

| | 1. Car: garage:: | aeroplane : ? | | | | | [| C |] |
|-------|---|----------------------|------------|---------------------------------|-----------|----------------|------|---|---|
| | (A) port | (B) depot | | (C) hangar | | (D) harbor | | | |
| | 2. Race : fatigue : | : fast : ? | | | | | ſ | C | 1 |
| | (A) food | (B) appetite | | (C) hunger | | (D) weakness | | | , |
| | 3. ship : sea : : car | nel:? | | | | | [| D |] |
| | (A) Forest | (B) land | | (C) mountain | | (D) desert | | | |
| | 4.Calendar : dates : | : dictionary: ? | | | | | [| C |] |
| | (A) Vocabulary | (B) language | | (C) words | | (D) book | | | |
| | otor cycle is related | | | | | | [| В |] |
| | (A) earth | (B) sun | (C) mod | on | (D) star | • | | | |
| | eck is related to Tie | • | | | | | [| В |] |
| | (A) Watch | (B) belt | (C) ribb | oon | (D) shir | t | | | |
| | nalk : board : : pen : | ? | | | | | [| В |] |
| | (A) Glass | (B) paper | | (C) wood | | (D) stone | | | |
| | at : mouse : : ? : ? | | | | | | [| C |] |
| | (A) Horse : stable (C)bird : worm | (B) trap (D) lior | cheese | e | | | | | |
| | (C)ond : worm | (D) nor | r . cage | | | | | | |
| | noose a word form t Clutch : Brake : Ho | - | tives that | t belongs to the s | same gro | up. | [| В |] |
| | (A) door | (B) steering | | (C) car | (D) acc | ident | | | |
| 10. | Ocean : Water : Gla | cier:? | | | | | ſ | В | 1 |
| | (A) refrigerator | (B) ice | | (C) mountain | | (D) cave | | | - |
| 11.] | Food : Stomach : : F | Fuel:? | | | | | [| C |] |
| | (A) plane | (B) truck | | (C) engine | | (D) automobile | | | |
| 12.] | Museum is related t | o Curator in the | same wa | y as Prison is re | lated to. | ? | [| C |] |
| | (A) manager | (B) mo | nitor | (C) jail | or | (D) was | rden | 1 | |
| 13. | Wax is related to Gi | ease in the same | way as | Milk is related t | o ? | | [| C |] |
| | (A) drink | (B) ghee | | (C) curd | | (D) protein | | | |
| 14. | Dancer is related to | Stage in the sam | e way as | s Minister is rela | ited to | ? | [| A |] |
| | (A) pulpit | (B) assembly | | (C) parliament | | (D) state | | | |
| | Knife: Chooper:: | | | | | | [| D |] |
| | (A) walking : fitnes(C) scissors : cloth | S | | m : float lt : blanket | | | | | |
| | (C) SCISSUIS . CIUII | | (D) qui | lt : blanket | | | | | |
| | Food : Hungry : : ? | | (B) wet | or · rivor | | | [| C |] |
| | (A) though : political(C)rest : weary | 5 | | er : river ne : intoxication | | | | | |
| | • | | • | | | | | | |

| 17. Chair : Carpenter ::?:? (A) grass : gardener | (B) medicine : doctor | [| |] |
|---|---|----------------------|-------------|-----------|
| (c) bridge: engineer | (D) radio: radiologist | | | |
| 18.CONFESS : DENNY | | [| C |] |
| (A) royal : regal | (B) speak : hear | | | |
| (C) release : imprison | (D) loud : audible | | | |
| 19. FAIR : FARE | | [| C |] |
| (A) smart : pretty | (B)bushel : corn | | | |
| (C)hair : hare | (D)moral : amoral | | | |
| 20. EYE : LIGHT | | [| D |] |
| (A) hear : see | (B) brain : idea | | | |
| (C)hand : fist | (D)ear : sound | | | |
| 21.GALLY : SHIP | | [| В |] |
| (A)mall : market | (B)kitchen: house | | | |
| (C)bouquet : rose | (D)restaurant : hotel | | | |
| 22.Lace : Shoe | | [| D |] |
| (A)cuff: trousers | (B)final : certain | | | |
| (C)request : ask | (D)buckle : belt | | | |
| Directions $(23 - 25)$: Choose a group of three related words. | word from the given alternatives that | t belongs to the s | same | e |
| | | | | |
| 23.calf : kid : pup | | [| C |] |
| 23.calf : kid : pup (A)infant | (B)young | [| C |] |
| | (B)young (D)animal | [| С |] |
| (A)infant | | [| СВ |] |
| (A)infant (C)larva | | | | |
| (A)infant (C)larva 24. jute : cotton : Wool | (D)animal | | | |
| (A)infant (C)larva 24. jute : cotton : Wool (A)terylene | (D)animal (B)silk | [| |] |
| (A)infant (C)larva 24. jute : cotton : Wool (A)terylene (C)rayon | (D)animal (B)silk | [| В |] |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow | (D)animal (B)silk (D)nylon | [| В |] |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit | (D)animal (B)silk (D)nylon (B)blue | [| В |] |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit | (D)animal (B)silk (D)nylon (B)blue (D)pink | [given pair of m | В |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair | (D)animal (B)silk (D)nylon (B)blue (D)pink | [given pair of m | B B |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair 26. 6: 18::4:? | (D)animal (B)silk (D)nylon (B)blue (D)pink that has the same relationship as the | [given pair of m | B B |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair 26. 6: 18::4:? (A) 2 | (D)animal (B)silk (D)nylon (B)blue (D)pink that has the same relationship as the | [given pair of m | B B |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair 26. 6: 18::4:? (A) 2 (C) 8 | (D)animal (B)silk (D)nylon (B)blue (D)pink that has the same relationship as the | given pair of m | B B A |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair 26. 6: 18: :4: ? (A) 2 (C) 8 27. 25: 37: :49: ? | (D)animal (B)silk (D)nylon (B)blue (D)pink (that has the same relationship as the (B) 6 (D) 16 | given pair of m | B B A |] ers. |
| (A)infant (C)larva 24. jute: cotton: Wool (A)terylene (C)rayon 25. Violet: Orange: Yellow (A)purple (C)whit Direction (26 – 38): Select the pair 26. 6: 18::4:? (A) 2 (C) 8 27. 25: 37::49:? (A) 41 | (D)animal (B)silk (D)nylon (B)blue (D)pink (that has the same relationship as the (B) 6 (D) 16 (B) 56 | given pair of m | B B A |] ers. |

| (C) 487 | (D) 248 | | | |
|----------------------------------|---------------------------------|---------------------------|--------|----|
| 29. 9 : 80 : : 7 : ? | |] | A | 1 |
| (A) 48 | (B) 50 | ι | 11 | J |
| (C) 78 | (D) 82 | | | |
| | | | | |
| 30. 372 :124 : : ? : ? | | [| C |] |
| (A)81:243 | (B) 900 : 450 | | | |
| (C) 624 : 208 | (D) 513:161 | | | |
| | | | | |
| 31. 12: 65::7:? | (D) 40 | [| В |] |
| (A) 35 | (B) 40 | | | |
| (C) 55 | (D) 50 | | | |
| 32. 135 : 7911 : : 246 : ? | |] | D | 1 |
| (A) 81042 | (B) 81012 | L | D | J |
| (C) 80102 | (D) 82012 | | | |
| (5) 55102 | (2) 02012 | | | |
| 33. 7963 : 1321 : 4132 : ? | |] | B] | |
| (A) 84 | (B) 78 | L | - | |
| (C) 73 | (D) 68 | | | |
| | | | | |
| 34. 231 : 564 : 897 : ? | | [| D |] |
| (A) 101112 | (B) 111012 | | | |
| (C) 111210 | (D) 121110 | | | |
| 25 2210 : 2120 : : 4127 : 9 | | r | Ъ | 1 |
| 35. 2319 : 3129 : : 4137 : ? | (B) 1/27 | [| D | J |
| (A) 4347 (C) 473 | (B) 1437 (D) 1347 | | | |
| (C) 4/3 | (D) 1347 | | | |
| 36. 12112 : 23223 : 34334 : ? | |] | В |] |
| (A) 45554 | (B) 45445 | Ĺ | | J |
| (C) 45545 | (D)44555 | | | |
| | | | | |
| 37. 7 : 21 : : 4 : ? | |] | C |] |
| (A) 10 | (B) 24 | | | |
| (C) 12 | (D) 48 | | | |
| 20 125 (4 242 2 | | - | т. | , |
| 38. 125 : 64 : : 343 : ? | (D) 216 | [| В | J |
| (A) 125 | (B) 216 | | | |
| (C) 27 | (D) 512 | | | |
| Direction (39 -43): Choose the n | umber from the four alternative | s which is similar to th | e giv | en |
| set. | | y which is similar to the | · 5· · | |
| | | | | |
| 39. Given set : 992, 874, 756 | | [| C |] |
| (A) 114 | (B) 326 | | | |
| (C) 638 | (D) 947 | | | |
| | | | | |
| 40. Given set : 282, 354, 426 | | [| A |] |
| (A) 498 | (B) 417 | | | |
| | | | | |

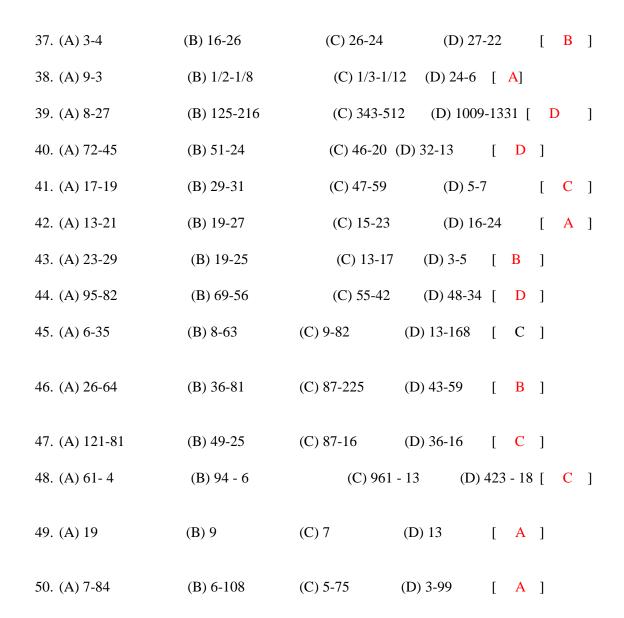
| (C) 336 | (D) 255 | | | |
|---|---|--------|--------|-----|
| 41. Given set : 134, 246, 358 (A) 372 (C) 572 | (B) 460 (D) 684 | [| В |] |
| 42. Given set : 235, 347, 527 (A) 935 (C) 835 | (B) 436 (D) 909 | [| D |] |
| 43. Given set: 11, 7, 13 (A) 9 (C) 12 | (B) 17 (D) 25 | [| В |] |
| Direction (44-47): Choose the set of numgiven set. | aber from the four alternatives which is s | imila | r to 1 | the |
| 44. Given set: 6, 13, 22 (A) 6, 13, 27 (C) 11, 18, 27 | (B) 10, 16, 28 (D) 13, 19, 27 | [| C |] |
| 45. Given set: 9, 15, 21 (A) 10, 14, 16 (C) 5, 10, 25 | (B) 7, 21, 28 (D) 4, 8, 12 | [| D |] |
| 46. Given set: 21, 51, 15 (A) 21, 30, 51 (C) 31, 51, 42 | (B) 21, 35, 41 (D) 21, 91, 35 | [| D |] |
| 47. Given set: 64, 32, 8? (A) (125, 25, 5) (C) (56, 28, 7) | (B) (81, 27, 3) (D) (112, 56, 16) | [| C |] |
| Direction ($48 - 55$): Choose a group of I same relation as given pair. | etters from the given alternatives that est | ablish | the | |
| 48. DDA: ADD::RRB:? (A) RBR (C) BRR | (B) BRB (D) RBB | [| C |] |
| 49. ACFJ: ZXUQ:: EGJN:? (A) DBYU (C) VTRP | (B) VTQM (D) VUSQ | [| В |] |
| 50. AG : IO : : EK : ? (A) LR (C) PV | (B) MS (D) SY | [| В |] |
| 51. ACE : FHJ : OQS : ? (A) PRT (C) TVX | (B) RTU (D) UWY | [| C |] |

| 52. ACEG : DFHJ : : QSUW : ? | | [D] |
|------------------------------|----------|--------------|
| (A) KMNP | (B) MNPR | |
| (C) TQST | (D) TVXZ | |
| 53. EGIK : FILO : : FHJL : ? | | [A] |
| (A) GJMP | (B) GMJP | |
| (C) JGMP | (D) JGPM | |
| 54. IJK : MLK : : OPQ : ? | | [B??] |
| (A) RSQ | (B) SRQ | |
| (C) FGJ | (D) TSR | |
| 55. BD : FH : : NP : ? | | [D] |
| (A) ST | (B) VW | |
| (C) UV | (D) RT | |
| | | |

CHAPTER – 4 CLASSIFICATION

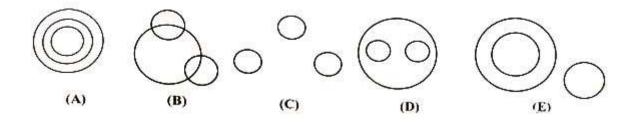
| Direction | ons: Find the odd one |) | | | | | | |
|-----------|--------------------------|---------------------------|----------|--------------|------------|----|----|---|
| 1. 2. | (A) carpet (A) Andhra | (B)purse Pradesh (B) I | _ | _ | | [| A |] |
| | | Danman and Diu | • | | , | | | ١ |
| 3. | (A) apple (B) (E) tomato | carrot (C) | orange (| (D) guava | | [| В |] |
| 4. | (A) lake D] | (B) I | oond | (C) poo | ol (D) bro | ok | | [|
| 5. | (A) club | (B) brush | (| (C) crayon | (D)pen | [| A |] |
| 6. | (A) panther | (B) lion | (| (C) whale | (D) fox | [| C |] |
| 7. | (A) mist | (B) cloud | (| (C) rain | (D) vapour | [| C |] |
| 8. | (A) banana | (B) mango | (| (C) guava | (D) ginger | [| D |] |
| 9. | (A) pen | (B) pencil | (| (C) marker | (D) ink | [| D] | |
| 10. | (A) carbon | (B) copper | (| (C) silver | (D) gold | [| A |] |
| 11. | (A) plateau | (B) star | (| (C) mountain | (D) forest | [| В |] |
| 12. | (A) parrot | (B) pigeon | (| (C) sparrow | (D) kiwi | [| D |] |

| 13. (A) apple | (B) banana | | (C) carro | ot | (D) date | | [| C |] |
|--------------------------|-----------------|---------|-----------|----------|-----------|---|---|---|---|
| 14. (A) town | (B) metropolis | | (C) hous | se | (D) city | | [| C |] |
| 15. (A) Ear | (B) Tongue | (C) Ey | e | (D) Thro | oat | | [| A |] |
| 16. (A) BD | (B) MP | (C) NO | 2 | (D) HK | | | [| A |] |
| 17. (A) TV | (B) MO | (C) PR | | (D) FG | | | [| D |] |
| 10 (1) 77 | (D) 1400 | | (0) 07 | ~ | (D) = 111 | | - | ~ | |
| 18. (A) PRT | (B) MOQ | | (C) GEO | | (D) TVX | | [| C | |
| 19. (A) EBA | (B) XUT | | (C) TQF | • | (D) JFE | | [| D |] |
| 20. (A) RNJ | (B) XTP | | (C) MIE | E | (D) ZWR | | [| D |] |
| 21. (A) STUA | (B) RQPA | | (C) MLI | KA | (D) HGFA | | [| A |] |
| 22. (A) PRVX | (B) MQTV | | (C) DHI | KM | (D) BFIK | | [| A |] |
| 23. (A) XZCG | (B) OQTX | | (C) IMN | 1Q | (D) EGJN | | [| C |] |
| 24. (A) ABCD | (B) EGIK | | (C) ACI | OF . | (D) CFIL | | [| C |] |
| 25. (A) 275 | (B) 451 (C) 29° | 7 | (D) 254 | (E) 143 | 3 [| D |] | | |
| 26. (A) 875 | (B) 432 (C) 56° | 7 | (D) 789 | (E) 678 | 3 [| D |] | | |
| 27. (A) 2384 | (B) 1592 | | (C) 3756 | 6 | (D) 3629 | | [| D |] |
| 28. (A) 5698 (E) 8597 | (B) 4321 | | (C) 7963 | 3 | (D) 4232 | | [| D |] |
| 29. (A) 1375 | (B) 1245 | | (C) 1125 | 5 | (D) 1450 | | [| D |] |
| 30. (A) 37 | (B) 49 | (C) 132 | 2 | (D) 154 | [| A |] | | |
| 31. (A) 140 | (B) 240 | (C) 360 | 0 | (D) 480 | [| A |] | | |
| 32. (A) 392 | (B) 326 | (C) 414 | 4 | (D) 248 |] | A |] | | |
| 33. (A) 2345 | (B) 3456 | | (C) 5467 | 7 | (D) 5678 | | [| C |] |
| 34. (A) 2468 | (B) 2648 | | (C) 4826 | 5 | (D) 6482 | | [| A |] |
| 35. (A) 81-63 | (B) 24-48 | (C |) 21-15 | (D) |) 13-39 [| A |] | | |
| 36. (A) 3-4 | (B) 4-7 | ((| C) 5-12 | (D) | 20-21 [| D |] | | |
| | | | | | | | | | |



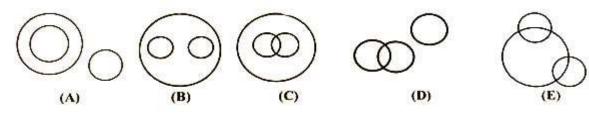
CHAPTER-5 LOGICAL VENN DIAGRAM

Direction(1-10): In each of these questions, three words are related in some way. The relationship among the words in the question can best be represented by one of the five diagrams (A), (B), (C), (D) and (E) given below. Mark your answer accordingly.



| 1. | Carrot, Food, Vegetable | [| A |] |
|-----|-----------------------------------|---|---|---|
| 2. | Tie, Shirt, Pantaloon | [| Е |] |
| 3. | Shirt, Collar, pocket | [| D |] |
| 4. | Petals, Bouquet, Flowers | [| A |] |
| 5. | Dogs, Pets, Cats | [| D |] |
| 6. | Brinjal, Meat, Vegetables | [| Е |] |
| 7. | Rhombus, Quadrilaterals, Polygons | [| Е |] |
| 8. | Languages, French, German | [| D |] |
| 9. | Sun, Planets, Earth | [| A |] |
| 10. | Classroom, Blackboard, School | [| A |] |

Directions(11-20): Choose the venn diagram which best illustrates the three given classes in each of the following questions.



| 11.Protons,Electrons,Atoms | [| В |] |
|---|---|---|---|
| 12. Paper, Stationary, Ink | [| В |] |
| 13. Dog, Animal, Pet | [| A |] |
| 14. Science, Physics, Chemistry | [| В |] |
| 15. Atmosphere, Hydrogen, Oxygen | [| В |] |
| 16. Wheat, Grains, Maize | [| В |] |
| 17. Dog, Carnivore, Tiger | [| В |] |
| 18. River, Canal, Perennial sources of water | [| В |] |
| 19. Students of law, Students of science, Men | [| В |] |

[

[

[

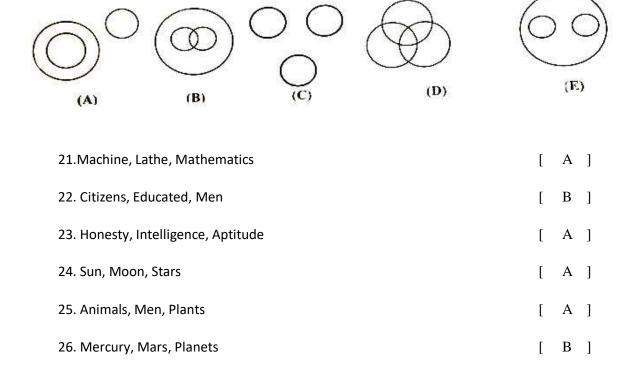
C]

B]

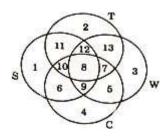
B]

E]

Directions (21 - 30): Choose the venn diagram which best illustrates the three given classes in each question.



Directions (31 – 40): To answer these questions, study the following diagram fully:



27. Yak, Zebra, Deer

28. Water, Atmosphere, Hydrogen

30. Doctors, Lawyers, Professionals

29. Diseases, Leprosy, Scurvy

Circle S stands for households having a scooter; Circle T stands for households having a TV set; Circle W stands for households having a washing machine; Circle C stands for households having a car.

| | 31. Households | having all the | four items ar | e represented by t | he region | [| В |] |
|---|---|-----------------|-----------------------|--------------------------------------|--------------------|------------|-----------|---|
| | (A) 7 | (B) 8 | (C) 9 | (D) 12 | | | | |
| | | | | | | | | |
| | 32. Households | having only se | cooter are rep | resented by | | [| C |] |
| | (A) Region S | (B) | Union of regi | ons 1, 6 and 9(C) I | Region 1(D)none of | of th | ese | |
| | 33. Households (A) union of reg (D) none of the | gions 6, 10 and | _ | machine are indica (B) region 3 | (C) region 13 | [| A |] |
| | 34. Households represented by | ~ | r, TV set and | washing machine | and not car are | [| D |] |
| | (A) 4 | (B) 7 | (C) 11 | (D) 12 | | | | |
| | 35. Households are represented | • | washing mac | chine, TV set but n | ot scooter | [| A |] |
| | (A) 7 | (B) 8 | (C) 9 | (D) none of the | se | | | |
|] | 36. Households | having only c | ar and not the | e remaining three it | ems are represente | ed by | / [| C |
| j | (A) region 5 (D) None of the | | ion of region | s 4,5 and 7 | (C) region 4 | | | |
| | 37.Households (A) region 13 (D) None of th | (B) | | vashing machine arions 7,8,12 and 13 | | [gion | A 12 |] |
| | 38. Households (A) region 5 (D) none of the | (B) u | _ | machine only are r | | [egioi | A ns 9 | - |
| | 39. Households given by the reg | • | et but neither (C) 12 | scooter nor washin | g machine are |] | A |] |
| | 40. Households (A) region 2 (D) none of the | (B) u | | car are represented ns 2,13 and 3 | by (C) region 3 |] | В |] |

CHAPTER – 6 BLOOD RELATIONS

| 1. | . Pointing to a photograph, a man said, "I have no brother or sister but that man's B Father is my father's son. "whose photograph was it? | | | | | | | | |
|-----|--|----------------------------|--------------------------|--------------------------|-------------------------------------|-------------|----------|--------|-------|
| | (A) His own | (B) Hi | s son's | (C) His | s nephew's" | (D) No | ne o | of the | ese |
| 2. | Pointing toward "How is the tha | | | the son of or | nly son of my gra | andfathe | : [| D |] |
| | (A) Uncle (E) None of the | (B) Br | other | (C) con | usin | (D) Da | ta iı | nadeo | quate |
| 3. | Introducing Reed daughter. "How (A) Aunt | | | ? | er of my father's | only (E) No | _ | |] |
| 4. | Pointing to a ma | | , , | . , | - | | | A | |
| 4. | mother. "How is (A) Mother | | lated to the n | nother? | andmother | (E) No | - | | - |
| 5. | If X is the broth | | | | | | [| |] |
| | (A) Son | (B) Brother | (C |) Cousin | (D) Grandson | | (E |) Uno | cle |
| 6. | How is Rita rela | ated to Nikhil? | | · | f her mother's so | on". | [| A |] |
| | (A) Aunt | (B) Niece | |) Mother | (D) Cousin | | | | |
| 7. | my wife". How | is the lady relat | ted to the ma | n? | other is the broth | er of | [| D |] |
| | (A) Mother's si (C) Mother-in-l | | (B) Grandi (D) Sister | nother of the father- | -in-law | (E)Mat | erna | al au | nt |
| 8. | Pointing to Keta is Ketan's moth | | | son of my fa | ather's only son" | . How | [| D |] |
| | (A) Daughter (E)None of thes | (B) A | | (C) Sister | (D) Sis | ter-in-la | w | | |
| 9. | Pointing to a mathe wife of my l | _ | | | other of the daug | ghter of | [| A |] |
| | (A) Son (E) Brother-in-l | (B) Husband | |) Cousin | (D) Ne | phew | | | |
| 10. | A woman introduced man related to t | | the son of the | e brother of | her mother. How | v is the | [| C |] |
| | (A) Nephew(E)Grandson | (B) So | n (C |) Cousin | (D) Un | cle | | | |
| 11. | • | e sons, two have | e 2 daughter, | | s and one unmar ne has a son. Ho | | [fem | |] |
| | (A) 2 | (B) 3 | |) 6 | (D) 9 | | | | |
| 12. | If X is brother (A) Brother | of son of Y's so (B) Co | | is 'X' son re | elated to 'Y' daug (D) Ne | | [| C |] |

| 13. | Given that 1. A is the mother of B; 3. D is the brother of E; | 4. E is | the son of A; the daughter of E | 3 | [| A |] |
|-----|--|----------------------------|---|---------------------------------------|---------|---|---|
| | The grandmother of D i (A)A | s (B) B | (C) C | (D) E | | | |
| 14. | A, B and C are sisters. I How is A related to D? | | of E and E is the | daughter of B. | [| D |] |
| | (A) Sister | (B) cousin | (C) Niece | (D) Aunt | | | |
| 15. | A and B are married con How is Y related to B? | ıple. X and Y ar | e brothers . X is | the brother of A. | [| A |] |
| | (A) Brother-in-law | (B) Brother | (C) Cousin | (D) None of these | | | |
| 16. | Deepak has a brother A In terms of relationship, (A) Son (B) Gra | what is Anil to | • | imal is prem's father. (D)Grandfather | [| В |] |
| | , , | | | | | | |
| 17. | B is the husband of P. 0 mother-in-law of P. Ho (A) Nephew | | | is wife of D and (D) Son | [| D |] |
| 18. | I. F is the brother of A, III. K is the sister of F (A) A (B) C | | the daughter of A s the brother of C (D) K | | [| C |] |
| 19. | A is the uncle of B, wh P. How is A related to F (A) Brother (D) Data inadequate | _ | (C) Son-in-law | e daughter-in-law of | [| Е |] |
| 20. | P's fathers is Q's son. I How is N related to M (A) Brother (D) Data inadequate | - | (C) Cou | | [| E |] |
| | ions (Questions 21 to 23 ons given below it : | | | ation and answer the | | | |
| | 'A+B' means 'A is the 'A x B' means 'A is the 'A – B' means 'A is the | son of B'; | | | | | |
| 21. | If P x Q – S, which of (A) S is wife of Q. | (B) S is | s father of P. | (C) P is daughter of Q | [| В |] |
| 22. | (D) Q is father of P 1 f T - S x B - M, with (A) B is mother of S. (D) S is daughter of B | ch of the followi (B) M | ne of these ng is not true? is husband of B. s son of B. | (C) T is wife of | [S. | D |] |

| 23. | If Z x T – S x U + P, what is (A) Mother (D) Cannot be determined | (B) Grandmother | (C) Father | [| В |] |
|-----|---|--|----------------------|-------|------------------|------------|
| 24. | | s D related to N in N # A \$ | | eans | [<mark>E</mark> | 3] |
| 25. | | r of Q' and 'P-Q' means 'F, how is A related to F? | | | |] |
| | ions (26 to 30): Read the foons given below it: | ollowing information care | fully and answer the | | | |
| | 'A + B' means 'A is the father the brother of 'B'; 'A÷B' me | | | ' mea | ans ' | A is |
| 26. | If $P \div R + S + Q$, which of the (A) P is the daughter of Q. (C) P is the aunt of Q | he following is true? (B) Q is the aut (D) P is the mo | | [| C |] |
| 27. | If P – R + Q, which of the fo (A) P is the mother of Q. (C) P is the aunt of Q. | llowing statements is true? (B) Q is the day (D) P is the sist | ughter of P. | [| A |] |
| 28. | If P x R ÷ Q, which of the fo (A) P is the uncle of Q. (C)P is the brother of Q. | llowing statements is true? (B) P is the fath (D) P is the sor | her of Q. | [| D |] |
| 29. | If P x R -Q, which of the foll (A) P is the brother-in-law of (C) P is the uncle of Q. | | | [| A |] |
| 30. | If P + 'R ÷ Q, which of the form (A) P is the brother of Q. (C) P is the husband of Q. | ollowing is true ? (B) P is the son (D) P is the fath | - | [| C |] |

CHAPTER - 7 ALPHABET TEST

| 1. If the first three letters of the COMPREHENSION are reversed, then the last three letters are added and then the remaining letters are reversed and added, then which be exactly in the middle? | | | | | | | | | _ | | _ | | |
|--|---------------|--------------------------|---------------|-------------------------|-------------|----------|-----------|-----------|------------|---------------------------|--------|-------|------|
| | (A) |) H | | (B) N | | (C) R | | (D) S | | | | | |
| | 2. | will from | a mea | ningful wo | ord | | etters aı | e arrange | ed accord | lingly which | h [| D |] |
| | | | A 2 | C 3 | E 4 | T 5 | | | | | | | |
| | (A) | 1,2,3,4,5 | _ | _ | 2,1,4,5 | 3 | (C | 5,2,3,4, | ,1 | (D) 5,1 | 1,2,3 | 3,4 | |
| whi | ich l | | | | - | _ | | | | given word phabet . ch | | | |
| | | NDERFUI more than | | e | (B) one | | | (C) two | | [C (D) three |] | | |
| | | SENCE Two | | (B) three | | (C | C) four | | (D) five | 2 | [| В |] |
| | ENI((A) 1 | GMATIC nil | (H | 3) one | | (C) tv | wo | (D |) three | | [| В |] |
| | wil | e letter in value in the | | | | | _ | | ibetical o | order which | [| C |] |
| RU | LE | DETECT | ION | | | | | | | | | | |
| | | on (7-11): en rule . | In ea | ch of the f | ollowing | questio | ns , find | d out whi | ich of th | e letter seri | ies f | ollov | wing |
| | | ber of lette IPY | ers ski | pped in be (B) BCEI | - | | n the ser | | - | ime. GJNSY | [| В |] |
| 8. N (A) | | ber of lette ZFI | ers skij | oped in bet (B) GWIC | - | | tters do | | | der. PJXHM | [| D |] |
| | _ | group of le EJOLY | tters s | hould not ((B) JKAP | | | n two vo | | (D) | ZILERAM | [[| A |] |
| | | number of | f letter | rs missed is (B) DGJM | | |) MOR | ГХҮ | (D) | PRTVXZ | [| C |] |
| by c | one. | mber of let | | llowing sea | ries is obs | erving t | the rule? | • | | | [| C |] |
| (A) | ВĠ | KNPR | | (B) CINR | 10 | (C |) EJNQ | ST | (D) | LQUXAP | | | |

ALPHABETICAL QUIBBLE

Directions: (12-15) Following questions are based on the general English alphabet : A B C D E F G H I J K L M N O P Q R S T U $\,$ V W X Y Z

| are written in re | versed order an | d again next 6 le | reversed order, then the next 5 letters etter are written in reversed order then letter from the right? (D) U | - | A lette |] er is |
|---|---|---|--|-------------|------------|-------------|
| 13. With reference from the right a (A) N | _ | | tter will be midway between 6 th letter n 1? | [| В |] |
| | | d in the reverse on the right (C) N | order, which letter will be 8 th letter to end? (D) Q | [| В |] |
| 15. If the letter | of the given alp | habet interchang | | [he thi | | - |
| (A) M | (B) N | (C) O | (D) L | | | |
| T follow | wing them ? | | R preceding them and also do not have ASLQRSLT |) : | C |] |
| (A)1 | (B) 2 | (C) 3 | (D) 5 | | | |
| | | | | | | |
| Direction (17-1 | 8) : Each lette | | NGLETTERS The number . Arrange the letter to make the letter of numbering and the second sec | | anin | gful |
| Direction (17-1 | 8) : Each letter e the option wh | r is given uniqu | e number . Arrange the letter to mal | • | eanin C | gful |
| Direction (17-1 word and chos 17. R T E O 1 2 3 4 5 | 8): Each letter e the option wh D P | r is given uniqu nich is the arrai | e number . Arrange the letter to malnged in correct order of numbering | • | | |
| Direction (17-1 word and chos | 8): Each letter e the option wh D P 5 6 6, 4, 2 | r is given uniqu | e number . Arrange the letter to mal nged in correct order of numbering 4, 5 | • | | |
| Direction (17-1 word and chos 17. R T E O 1 2 3 4 5 (A) 1, 3, 5, (C)5, 3, 6, 4 18. T L P 1 2 3 (A) 3, 2, 5, | 8): Each letter e the option wh D P 5 6 6, 4, 2 l, 1, 2 N A E 4 5 6 4, 1, 6 | (B) 2, 3, 1, 6, 4 (D) 6, 3, 5, 1, 4 | e number . Arrange the letter to malaged in correct order of numbering 4, 5 4, 5 4, 2 | • | | |
| Direction (17-1 word and chos 17. R T E O 1 2 3 4 5 (A) 1, 3, 5, (C)5, 3, 6, 4 18. T L P 1 2 3 | 8): Each letter e the option wh D P 5 6 6, 4, 2 l, 1, 2 N A E 4 5 6 4, 1, 6 | (B) 2, 3, 1, 6, 4 (D) 6, 3, 5, 1, 4 | e number . Arrange the letter to malaged in correct order of numbering 4, 5 4, 5 4, 2 | [| C | |
| Direction (17-1 word and chos 17. R T E O 1 2 3 4 5 (A) 1, 3, 5, (C)5, 3, 6, 4 18. T L P 1 2 3 (A) 3, 2, 5, (B) 4, 5, 3, | 8): Each letter e the option when D P 5 6 6, 4, 2 4, 1, 2 N A E 4 5 6 4, 1, 6 6, 2, 1 | (B) 2, 3, 1, 6, 4 (D) 6, 3, 5, 1, 4 (B) 3, 2, 5, 4, 6 (D) 4, 6, 1, 35, | e number . Arrange the letter to malaged in correct order of numbering 4, 5 4, 5 4, 2 | [| C | |
| Direction (17-1 word and choss 17. R T E O 1 2 3 4 5 (A) 1, 3, 5, (C) 5, 3, 6, 4 18. T L P 1 2 3 (A) 3, 2, 5, (B) 4, 5, 3, WORD FORM 18. How many the sixth letters | 8): Each letter the option when D P 5 6 6, 4, 2 1, 1, 2 N A E 4 5 6 4, 1, 6 6, 2, 1 MATION USIN | (B) 2, 3, 1, 6, 4 (D) 6, 3, 5, 1, 4 (D) 4, 6, 1, 35, 1, 4 (D) 4, 6, 1, 35, 1, 4 (D) 4, 6, 1, 35, 1, 4 | the number. Arrange the letter to make the need in correct order of numbering and at the second seco | [d [| C B | |
| Direction (17-1 word and chose 17. R T E O 1 2 3 4 5 (A) 1, 3, 5, (C)5, 3, 6, 4 18. T L P 1 2 3 (A) 3, 2, 5, (B) 4, 5, 3, WORD FORM 18. How many | 8): Each letter the option wh D P 6 6 6, 4, 2 1, 1, 2 N A E 4 5 6 4, 1, 6 6, 2, 1 MATION USIN | (B) 2, 3, 1, 6, 4 (D) 6, 3, 5, 1, 4 (D) 4, 6, 1, 35, 1, 35, 1, 35, 1, 4 | the number. Arrange the letter to main anged in correct order of numbering and at 1, 5, 4, 5, 5, 1, 2. OF A GIVEN WORD: ed using the first, the third, the fifth an | [d [| C B |] |

Directions (20-21): In each of the following questions, choose one word which can be formed from the letters of the given word.

| 20. EXAMI NATION (A) ANIMAL | (B) EXAMINER | (C) NATIONAL | [D (D) ANIMATION |] | | | | | | | | | |
|---|---------------------------|--|-------------------|---|--|--|--|--|--|--|--|--|--|
| 21. MEASUREMENT (A) MASTER | (B) MANTLE | (C) SUMMIT | (D) ASSURE |] | | | | | | | | | |
| Directions (22-26): In each of the following questions, choose one word which cannot be form the letters of the given word. | | | | | | | | | | | | | |
| 22. TEACHERS (A) REACH | (B) CHAIR | (C) CHEER | (D) SEARCH |] | | | | | | | | | |
| 23. CONTEMPORARY (A) PARROT | (B) COMPANY | (C) CARPENTER | [C (D)PRAYER |] | | | | | | | | | |
| 24. REFIGERATE (A) RAFER | (B) REGRET | (C) REGENERATE | [C (D) FREE |] | | | | | | | | | |
| 25. CHOCOLATE (A) TALE | (B) HEALTH | (C) HOTEL | (D) COOL |] | | | | | | | | | |
| 26. CREDENTIAL (A) DENTAL | (B) CREATE | (C) TRAIN | (D) CREAM |] | | | | | | | | | |
| | | *** | | | | | | | | | | | |
| | ARITHMET | APTER – 8 IC REASONING EVEL-1 | | | | | | | | | | | |
| | | ins and soldiers is traveli The no of captains in the § | - |] | | | | | | | | | |
| (A) 85 | (B) 80 (C | C) 75 (D) 70 | | | | | | | | | | | |
| 2. Find the number which | ch is as much greater the | en 20 as it is less than 120 | O? [A] | | | | | | | | | | |
| (A) 70 | (B) 80 | (C) 50 (D) 60 | | | | | | | | | | | |
| 3. In a garden, there are | 10 rows and 12 column | s of mangos trees. The | [C] | | | | | | | | | | |

| boundary of the garde | en.The length of | the garden is | 3 | | | | | |
|---|---|---------------------------------|---------------|-----------------------------|-------------------------|-------|-------|------|
| (A) 20 m | (B) 22 n | n (0 | C) 24 m | (D) 26 m | | | | |
| 4. A farmer built a fence each side of the square. (A) 100 | • | • | l altogether? | • | | В] | | |
| 5. If every 2 out of 3 rea every 3 out of 4 need it shirts to be altered? | - | | | | [Cany mi | _ | m | |
| (A) 40 | (B) 48 | (C) 1 | 133 | (D) 143 | | | | |
| 6. The difference betwee which is 4 lessthan | _ | | - | the number | [B |] | | |
| (A) 18 | (B) 16 | (C) 14 | (D) 1 | 12 | | | | |
| 7. The number of boys Which one of the follow (A) 48 | in a class is thre owings number (B) 44 | | esent the to | | [C | - | e cla | ss ? |
| 8. A printer numbers to How many page | he pages of a bo | _ | ith 1 and uso | es 3269 digits. | [D |] | | |
| (A) 1074 | (B) 108 | 80 | (C) 1090 | (D) 1094 | 4 | | | |
| | ness man earns a every subseque day. On the 10t (B) Rs.1 | ent day, he ea h day of busi | rns an incon | ne which is just some is | [C double Rs.125 | of th | at m | ade |
| 10. A is 6 years of How many year (A) 6 | older to B and 3 great results older is C to I (B) 9 | | r to C, which | h B and D are tv | vins. | [| В |] |
| 11. A father tells his s | , | ur present age | e when you | ack? | [A | .] | | |
| 12.A father is now times as old as | three times as o | | . five years | back, he was for | ur | [| В |] |
| (A) 12 | (B) 15 | (C) 18 | (D) | 20 | | | | |
| 13. In a group of c number of heads. T | | | legs are 14 | more than twice | the | [| В |] |
| (A) 5 | (B) 7 | (C) 10 | (D) | 12 | | | | |
| 14. In the numbers unit's place? | from 100 to 100 | 00, how many | times digit | 1 comes at the | | [| C |] |

distance between the two trees is 2 meters and a distance of 1 meter is left from all sides of the

| | (A) 9 | (B) 10 | (C) 90 | (D) 900 | | | | | | |
|---|--|---|---|---------------------------------|--------------------|--------|-------------|---------|--|--|
| 1 | • | numbers amongst sible by 8 but not b | | 54 are there | which are | [| D |] | | |
| | (A) 8 | • | • | Nil | | | | | | |
| 1 | | numbers FROM 1 5 but not by 3 ? | 1 to 54 are there | which are exa | actly [B |] | | | | |
| | (A) Two | (B) For | ur (C) | five | (D) six | | | | | |
| 1 | number be \$ (A) Multiply (B) Divide \$ (C) Multiply | number, add 10 to 5. Starting with \$, by \$ by 2 and then so 5 by 2 and then add \$\text{y}\$ \$ by 2 and then a \$\text{c}\$ \$ and then divide | now can I get my ubtract 10 from to I 10 to the result dd 10 to the resu | original num he result lt | - | g [| A |] | | |
| 18 | down 2 step which he sta | | down 4 steps . W | here is he sta | inding in relation | to the | A step | on | | |
| (A) 3 steps above (B) 2 steps above (C) The same place (D) 1 step below | | | | | | | | | | |
| | from editing many posts (A) 16 | nu put a square fer g his corn. One side did he use? (B) 20 | e was 10 m in ler (C) 10 | ngth. If the po (D) 15 | sts were placed 21 | m apa | B art, h |] ow | | |
| | | of them, however, 4each extra. The n (B) 12 | _ | _ | | ig one | es ha | d to | | |
| | | | * | *** | | | | | | |
| | | | CHADTEI | | | | | | | |
| | | MATHE | CHAPTEI MATICAL (| | IONS | | | | | |
| | | | | | | | | | | |
| | | these questions, rowed by two conc | | veen differen | t elements is sho | wn in | the | | | |
| | Answer If only conc | lusion I follows | | | | | | | | |
| | | lusion II follows | | | | | | | | |
| , | , | clusion I or II follo | | | | | | | | |
| , |) If both conc Statement | lusion I and II foll : $E < F \le G =$ | | | | г | D | 1 | | |
| | Conclusions | $: E < F \le G =$ $: I.G > S$ | | | | L | D |] | | |

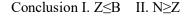
 $: P \le Q < W = L$

2. Statement

[**B**

]

| | Conclusions | : I.L > P | $II.Q \leq L$ | | | | |
|------|---|-------------------------|--------------------------|---------------------------|--------------------------------|---------------------------------------|-------|
| 3. | If '+' mean '-', '- 16x2÷ 25+ 7 -4 is | | ' means '÷' me | eans '+' then the | value of | [B |] |
| | (a)104 | | (c) 22 | (d) 4 | (e) 0 | | |
| 4. | Find the correct g 24 * 16 * 8 * 32 | group of sings to | o solve the equ | ations | | [A |] |
| | (A) +- = | (B) -+ = | (C) $x \div =$ | (D) += - | | | |
| 5. | If 'P denotes '-', Q 12 R 10 P 8 W | | ', 'R' denotes | 'x' 'w' denotes ' | +', then 48 | [E |] |
| | (a) 56 | (b) 40 | (c) 52 | (d) 44 | (e) None | of these | |
| 6. | If '+'means 'divi and '÷' means 'm | - | | | acted from' | [B |] |
| | (a) 216 | (b) 31 | (c) 04 | (d) 10 2/3 | (e) none (| of these | |
| 7. | Which of the foll equations correct $8 \times 20 \div 3 + 9 - 3$ | ? | nges of numbe | rs would make th | e given | [C |] |
| | (A) 3,8 | (B) 8, 9 | (C) 3,5 | (D) 3,9 | | | |
| 8. | Find the group of $7 * 7 * 2 * 1 = 2$ | f mathematic sig | gns in the place | e of * in the give | n equation | [B |] |
| | $(A) \times - \div$ | $(B) + - \times$ | (C) |) × - + | $(D) + \times -$ | | |
| Dire | ection (9-11): If ' | -' denotes '+' a | and '+' denote | es '-' then what v | vill be the value | e of follow | ing ? |
| 9. | $7 \div 3 - 10 \div 15$ | | | | | [E |] |
| | (A) 56 | (B) 59 | (C) 52 | (D) 61 | (E) none of | these | |
| 10. | $12 - 3 + 14 \div 5$ (A) 38 | (B) 25 | (C) 23 | (D) 27 | (E) none of | [E these |] |
| 11. | $8 \div 9 + 7 \div 6 - 3$ | | | | | [E |] |
| Dire | (A) 21 ection (12-15): In | (B) 24 each of these of | (C) 28 mestion, relat | (D) 30 ionship between | (E) none of different elements | | wn ir |
| | statements. The s | - | = | _ | VV | 210 8 2 8 8 11 0 | ,, |
| | Given answers | | | | | | |
| | (a) If only conclus(b) If only conclus | | | | | | |
| | (c) If either conclude (d) If neither conclude (d) | | | | | | |
| | (e) If both conclusion | | | | | | |
| 12. | Statements : P≥R Conclusion : I. P: | | | | | [B |] |
| 13. | Statements : Z=C | C, B≤A=N, C≤B | . | | | [E |] |



14. Statements : $T \le V = W$, $X \ge Y$, $W \ge X$ [A] Conclusion I. $V \ge Y$ II. $V \le X$

15. Statements : $J \ge K \ge P = R \le N = S$ [A] Conclusion I. $S \ge P$ II. $J \le R$

16. Which of the following interchange of signs would make the given equations correct? [B $(20-4) \times 4 + 16 = 92$

(A) + and - (B) – and × (C) × and + (D) \div and –

17. Which of the following interchange of signs would make the given equations correct ? [A $2 \times 3 + 6 - 12 \div 4 = 92$

 $(A) \times \text{and} + (B) + \text{and} - (C) + \text{and} \div (D) - \text{and} \div$

18. Put the correct mathematical signs in the following equations from the given Alternatives 3? 11? 3? 6 = 115

 $(A) +, -, \times$ $(B) \times, \div, -$ $(C) \div, \times, \times$ $(D) -, \times, +$

Directions (19-21): If the given interchanges are made in signs numbers, then which one of the four equations would be correct?

19. Given interchanges signs '+; and '-', number s '5' and '8' [A] (A) 82 - 35 + 55 = 2 (B) 82 - 35 + 55 = 102

(A) 62 - 33 + 33 = 2(C) 85 - 38 + 85 = 132(D) 52 - 35 + 55 = 72

(C)85 - 38 + 85 = 132 (D) 52 - 35 + 55 = 72

20. Given interchanges signs '+' and 'x', number '3; and '7'

(A) $23 + 17 \times 73 = 1241$ (B) $37 + 73 \times 12 = 112$

(C) $23 \times 17 + 37 = 428$ (D) $23 + 17 \times 73 = 388$

21. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.

15 * 24 * 3 * 6 * 17(A) $+ \div - =$ (B) $+ \times = \div$ (C) $- \times = +$ (D) $- \div + =$

Direction (22-26): Read each statement carefully and answer the following questions

22. Which of the following expression will be true, if the expression $R \ge O = A \ge S \le T$ [B] is definitely true?

(a) $O \ge T$ (b) $S \le R$ (c) $T \ge A$ (d) S = O (e) $T \le R$

23. Which of the following symbols should replace the question mark (?) in the given $[\geq]$ expression $P \geq L$? $A \geq N = T$ in order to mark expression $P \geq A$ as well as $T \leq L$ definitely true

(a) \leq (b) \geq (c) \leq (d) \geq (e) Either \leq or \leq Check the options

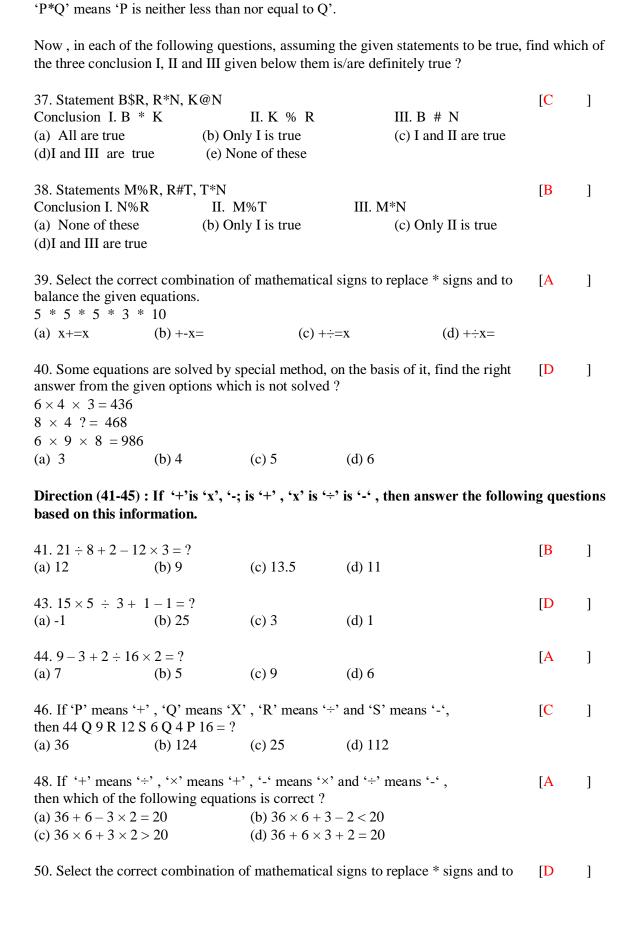
24. Which of the following symbols should be place in the blank spaces, respectively [??] (in the same order form left to right) in order to complete the given expression in such a manner that makes the expressions ' $B \ge N$ ' as well as ' $D \le L$ ' definitely true ?

B_L_O_N_D

| | to right) in orde | r to complete th | plank spaces, respect the given expression | • . | [<mark>??</mark> er that |] |
|---|------------------------------------|--------------------------------|---|-------------------|------------------------------|---------|
| $\leq _{-} \leq _{-} \geq _{-}$ (a) L, N, P, A (e)P, N, A, L | (b)] | L, A, P, N | (c) A, L, P, N | (d) N, | A, P, L | |
| | left to right) in | order to comple | in the spaces, respecte the given expressalse? | • . – | |] at |
| (a) \leq , \leq , \geq , = (e) \geq , \geq , =, \leq | (b) <u>s</u> | ≤, =, =, ≥ | $(c)\leq,=,=,\leq$ | (d) ≥, | ==,≥ | |
| | | | some equations ar e correct answer fo | | | |
| 27. If $5 \times 6 \times 4$ (a) 748 | = 456 and 3×6 (b) 478 | \times 5 = 536, ther (c) 847 | $4 \times 8 \times 7 = ?$ (d) 784 | | [A |] |
| 30. Find the corr 24*16*8*16 | | ns to solve the e | equation | | [C |] |
| (a) +-= | (b) ÷ - = | (c) | -+= | (d) $x \div =$ | | |
| been solved acc | ording to a cert me rule and ch | ain rule. You a | uestions, all the equire required to solve answer out of the $\times 7=?$ | ve the unsolved | equatio | |
| (a) 754 | (b) 457 | (c) 547 | (d)475 | | | |
| 33. If 3*8*6=49 (a) 386 | 97, and8*4*2 = 9 (b) 726 | 053, then 6*5*1 (c) 863 | (d) 762 | | [D |] |
| 34. If 16(55) 3 a (a) 335 | and 30 (157)5, th (b) 125 | nen 9 (?) 25 (c) 232 | (d) 342 | | [C |] |
| 35. If 4×4=6, 8× | $8 = 54 \text{ and } 9 \times 9 =$ | 71, then $2 \times 3 = ?$ | | | [C |] |
| (a) 4 | (b) -6 | (c) -4 | (d) 5 | | | |
| 36. If '+' denote then 35+7-5÷5× | | x, 'x' denotes – | and '÷' denotes +, | | [B |] |
| (a) 36 | (b) 24 | (c) 20 | (d) 14 | | | |
| Directions (37-3 meanings as given | | wing questions | s, the symbols @ , i | #, \$, %, * are u | sed wit | h the |
| 'P @ Q' means ' | P is not greater P is greater than | | | | | |

(a) $=, =, \ge, \ge$ (b) $\ge, \ge, =, \ge$ (c) $\ge, \le, =, \le$ (d) $\ge, =, =, \ge$

(e)≥, =, ≥, ≥



'P \$ Q' means 'P is neither greater than nor less than Q'.

'P % Q' means 'P is less than Q'.

| ba | balance the given equations $2*4*3*4*9$ | | | | | | | | | | | |
|--|---|-------------------------------|---------------------|--------------|-------------------------|----------------|-----------------------|-----------------|-----------------------------|--------------------------|---|--|
| (a | ı) + - = - | ÷ | (b) + × | = - | (| (c) × ÷ - | · = | (d) | × - + = | | | |
| 5 | | | | | of mathem 5 * 4 * 12 | | igns to repla | ace * sig | ens and to | [D |] | |
| (a | ı) ÷-= | | (b) + | : | (| $(c) = - \div$ | - | (d) | × - = | | | |
| | 2. If 3×9 a) 123 | 9×7 = 379 | and 5×4 (b) 231 | ×8 = 58 | 4, then 1> (c) 213 | ×2×3 = 1 | ? (d) 132 | | | [D |] | |
| | | | | | | *** | | | | | | |
| | | | | | | | | | | | | |
| | CHAPTER – 10 PUZZLE TEST | | | | | | | | | | | |
| Read the following information carefully and answer the questions given below: Direction (1-5): A, B, C, D, and E, are five persons in a group. B and C are intelligent in Mathematics and Geography. A and C are intelligent in Mathematics and History. B and D are intelligent in political science and Geography. D and E are intelligent in political science and Biology. E is intelligent in Biology, History and Political Science | | | | | | | | | | | | |
| 1. | Who i | is intellig | ent in Pol (B) D | litical So | cience , G (C) C | beograpl | ny and Biolo (D) B | ogy ? (E) | A | [B |] | |
| 2. | Who i | _ | ent in Ma (B) B | nthemati | cs, Politic (C) C | | nce and Geo (D) D | ography (E) | | [B |] | |
| 3. | Who i | _ | ent in Ma (B) E | ıthemati | cs, and H (C) A | istory b | ut not in Ge (D) B | eography (E) | | [C |] | |
| 4. | Who i | _ | ent in Ma (B) A | ıthemati | cs , Geog (C) D | raphy a | nd History ' (D) C | ? (E) | В | [D |] | |
| 5. | Who i | U | ent in pol (B) B | itical Sc | cience , H (C) C | istory a | nd Biology (D) D | ? (E) | E | [E |] | |
| Q is a | ın engin | eer and i | s father | of T. X | | father o | - | | re two mar r. S is grand | | _ | |
| 6. | Who i | is the hus | band of P (B) X | ? | (C) Q | | (D) S | (E) | T | [C |] | |
| 7. | (A) X | n of the for S, QP one of the | _ | are the t | wo marri , QT | ed coup | les ? (C) XS , RI | P | (D) TS | [<mark>A</mark> , RX |] | |

8. which of the following is definitely a group of male members?

[D

]

| (A) Q, X, T (E)Nine of these | (B) X, T | $(C) Q, \Sigma$ | X , P | (D) Q, X | |
|---|---|--|---|---|----------------------------------|
| 9. who is the sisters (A) R (E) None of these | of T? (B) S (C) P | (D) Data | ı inadequate | [. | A] |
| Monday to Saturd A must be staged a day following the o | : Six plays A, B, C, D, ay. The schedule of the day before E. C must lay on which F is stage eceded by B. E must no | plays is to be in not be staged on d. D must be stag | accordance wit Tuesday. B m ged on Friday o | th the foll ust be sta only and s | owing: ge on the hould not |
| 11. Which of th (A) A | ne following plays imme (B) c | | ? (D) E | (E) F | A] |
| 12. Which of t (A) E | he following plays is on (B) F | | (D) B | (E) A | В] |
| 13. Plays D is t (A) B and I (E) C and F | · · | lowing pairs of place (C) A and | - | (D) C and | D] 1 E |
| 14. Which of the follow from Monday? (A) E, A, B, F, D, C (D) F, A, B, E, D, C | (B) A, F, B, E, (E) None of the | D, C | er of their stagin | _ | E] |
| 15. play C cannot define (A) Monday (E) Saturday | itely be stage on which of (B) Wednesday | of the following da (C) Friday | ays in addition to (D) Thu | • | ? [C] |
| Shailendra is shorter t | nere are five friends — S Than Keshav but taller t nd a little taller than S | than Rakesh. Ma | | | |
| 16. Who is the shortest? (A) Rakesh (E) None of these | (B) Shailendra | (C) Ashish | (D) Kes | | A] |
| 17. If they stand in the(A) Keshav(E) None of these | order of their heights, w (B) Rakesh | who will be in the in (C) Shailendra | middle ? (D) Ash | _ | D] |
| 18. If they stand in the (A) Ashish (E) None of these | order of increasing height (B) Shailendra | ts, who will be th | ne second ? (D) Kes | _ | В] |
| 19. Who is the second to (A) Shailendra (E)None of these | allest ? (B) Keshav | (C) Ashish | (D) Rak | | В] |

Direction (24-28): Read the following information carefully and answer the questions given below:

(ii) One of them is a horticulture, one is a journalist , one is a physicist, one is a journalist , one is

(i) There is a group of five persons – A, B, C, D, and E.

| | (iii) There of pres (iv) The ind | fer coffee to tea | and advocate a. and A are f | dvocate. e prefer tea to coffee friends to one anoth | | · | |
|------------|--|--|-----------------------------------|--|------------------------|----------------------------|---|
| 24. (A) | | norticulturist? (B) B | (C) C | (D) D | (E) E | [A |] |
| 25. (A) | | ndustrialist? (B) C | (C) B | (D) A | (E) D | [C |] |
| | Which of th ACE | e following gro (B) Dl | _ | s a person who like C) BCE | s tea but is no (D) BD | t an advocate? [C (E) None |] |
| 27. (A) | Who is a ph | ysicist? (B) E | (C) D | (D) C | (E) B | [D |] |
| (A) | (iii) | e statements gi (B) (iv) 33): Read the | (C) (ii) | superfluous? (D) (v) tatements carefull | (E) None y to answer t | [E hese questions : |] |
| | (i) X is old (iii) Z is the (v) Y is old | youngest. | • | i) M and N are equav) Y is younger than | • | | |
| | Which two (i) (i) and (iv) | | ntements ind v) and (v) | icate that Y is older (C) (i) and (v | | [A D) None of these |] |
| | Which state (ii) and (iii) | | ates (s) that i) only | N is older than Z? (C) (iii) and (| (iv) (E | (B) None of these |] |
| (A) | Which state (ii) Only (iii) None of the |) (B) (ii | ates (s) that i) only | Z is younger than N (C) (iii) and (| | [B |] |
| | Which state (iii) only | | not required i) and (iv) | d to prove that L is (C) (iv) and (| | M ? [A O) (iii) and (v) |] |
| | Which set o | • | oves that X : | is younger than M? (C) (i), (iv), (| | (B) None of these |] |

Directions (34-37): Read the following information carefully and answer the questions given below it:

| (i) There is a family of six members | A, B, C, D, E, and F. the family and the family members represent three | . e | | | | | | | |
|---|--|------------|----|--|--|--|--|--|--|
| generations. | the family and the family members represent the | | | | | | | | |
| (iii) Each member has a distinct choice of colour amongst green, yellow, black, red, white and | | | | | | | | | |
| pink. | • | | | | | | | | |
| (iv) No lady member likes either gree | | | | | | | | | |
| (v) C, who likes black colour, is the(vi) B is a brother of F and son of D l | _ | | | | | | | | |
| (vii) A is grandmother of F and F | - | | | | | | | | |
| | green colour, his wife likes yellow | | | | | | | | |
| 34. Which of the following is the colour p | preference of A? | [B |] | | | | | | |
| (A) Red (B) Yellow | (C) Either Red or Yellow | | | | | | | | |
| (D) Cannot be determined | (E) None of these | | | | | | | | |
| 35. How many male members are there in | n the family? | [D |] | | | | | | |
| (A) Two (B) Three | (C) Four | | | | | | | | |
| (D) Cannot be determined | (E) None of these | | | | | | | | |
| 36. Which of the following is true about l | F? | [D |] | | | | | | |
| (A) Brother of B (B) Siste | er of B (C) Daughter of C | | | | | | | | |
| (D) Either sister or brother of B | (E) None of these | | | | | | | | |
| 37. Which of the following is the colour of | combination of one of the couple? | [D |] | | | | | | |
| (A) Red – Yellow (B) Yello | ow – red (C) Green – Black | | | | | | | | |
| (D) Red- Black (E) None | e is these | | | | | | | | |
| | | | | | | | | | |
| | *** | | | | | | | | |
| | | | | | | | | | |
| | CHAPTER – 11 | | | | | | | | |
| SEATIN | IG ARRANGEMENTS | | | | | | | | |
| 1. Five persons are standing in a line. One | e of the two persons at the extreme ends is a | [C | 1 | | | | | | |
| - | An advocate is standing to the right of a students. | _ | - | | | | | | |
| to the left of the businessman. The studen | nt is standing between the professor and the advo | | | | | | | | |
| Counting (A) 1st (B) 2nd | (C) 3rd (D) 5 th | | | | | | | | |
| 2 Five friends A R C D and F are standin | g in a row facing south but not necessary in the | ΓΔ | 1 | | | | | | |
| | C is immediate right to E and D is immediate lef | | On | | | | | | |
| the basis above information, which of the | ne following statements is definitely true? | | | | | | | | |
| | (B) D is third to the left of E. | | | | | | | | |
| (C)B is to the right of E | (D) A is second to the left of C. | | | | | | | | |
| somewhere ahead of F. There is exactly of | re standing in a single line, facing north. E is one person standing Between C and G. D is immed and C are fourth 'and fifth in line respectively, | ediately | | | | | | | |

| (A) A is first | (B) B is | First | (C) F is sixth | (D) F is seventh | | |
|--|--|---|--|---|----------|----------|
| ends. R is sittings | _ | | are in the centre, and A are itting on the right of P? | nd P are at the | [C |] |
| - | g right to N an | _ | n a row Q is standing left arly, S is standing right | - | - |] out |
| • | | (C) R | (D) O | | | |
| | the extreme l (B) R ar | eft and T is not | ext to P but not T ,K is s sitting next to K. Who ar (C) only P | - | |] |
| _ | is adjacent to out of the follo (B) Sule | Monika, Monika | djacent to Sulekha or Abla is at the middle in the response (C) Abha | ow. Then Anura | _ | cent |
| way The flag of An flag of Australia w of Australia was on | merica was to ras on the righ of the right of to of china, Fin stralia | the left of Indian t of the Indian fl the Indian flag be d the two flags v (B) Am | were flown on the masts in tricolor and to the right ag but was to the left of tut was to the left of the flowhich are in the centre. erica and India perica and Australia | of the flag of Fr the flag of France | ance . t | lag |
| Sevan children A, | B, C, D, E, I ight of C. A a | F and G are star and D have one | wing information on an adding in a line. G is to the child between them. E aveen them. | he right of D ar | nd to th | e left |
| 9. Who is on extrem (A) B (B | me right ? | (C) F | (D) G | | [C |] |
| 10. Who is extreme | e in the middl | e ? | | | [C |] |
| (A) A (B |) C | (C) D | (D) E | | | |
| 11. Who is on the (A) A (B) | extreme left ? | (C) C | (D) D | | [C |] |

Directions (Questions 12 to 15): Study the following information carefully and answer the questions given below:

Six friends A, B, C, D, E, and F are sitting in a row facing towards North. C is sitting between A and E. D is not at any end. B is sitting immediate right to E. F is not at the right end.

| 12. How many | persons are the | ere to the right | of D? | | [D |] |
|--|--|--|--|--|----------------|-----|
| (A) One (E) None of th | (B) T | wo | (C) Three | e (D) Four | | |
| 13. Which of to (A) FB (E) None od=f | he following pa (B) FC these | irs is sitting to (C) FE | | ? not be determined | [E |] |
| 14. Who is imm (A) A (E) None of th | mediate left of ((B) E ese | C? (C) either E | E or A | (D) Cannot be dete | [A ermined |] |
| 15. Who is at t (A) A (E) None of th | (B) B | (C) E | (D) Cann | ot be determined | [B |] |
| Directions (Q questions that | | 20) : Study th | ne given infor | mation carefully and ans | wer the | |
| (ii) C is or (iii) B is at (iv) G is be | C, D, E, F and On the immediate an extreme encetween E and F. tting third from | right of D. l and has E as | his neighbor. | I of them are facing east. | | |
| 16. Who is sitt (A) A | ing to the right (B) C | of E ? (C) D | (D) F | (E) None of these | [E |] |
| 17. Which of t | he following of (B) AE | people are sit (C) CB | ting at the extr (D) D | eme ends ? (E) None of these | [A |] |
| 18. Name the place from the (A) E | | uld change pla | (D) D | that the gets the third (E) None of these | [C |] |
| 19. Immediate (A) AC | ly between which (B) AF | ch of the follo (C) CE | wing pairs of p (D) CF | people is D sitting ? (E) None of these | [D |] |
| Directions (2) follow: | 1 to 25) : Stud | y the given in | formation ca | refully and answer the q | uestions th | ıat |
| fac (ii) D who (iii) A is se (iv) J is the (v) H is to | cing the teacher is to the imme econd to the right e immediate nei the immediate | diate left of F nt of E, who is ghbour of A a left of D and | is second to the s at one of the nd B and third third to the rig | ends. to left of G. | | ass |
| 20. Who is si (A) B | tting in the mid (B) C | | | D) I (E) None of | [D of these | J |

| 22. Which of the follow | ing group of frie | nds is sit | ting to the ri | ght of G? | | [B |] |
|--|---|------------|-----------------|------------------------|---------------------------|----------|-----|
| (A) CHDE | (B) CHDF | | (C) IBJA | | (D) ICHDF | | |
| (E) None of these | | | | | | | |
| 21. Which of the follo | owing statements | is true in | the context | of the abov | e sitting | [C |] |
| arrangement? | | _ | . ~ | | | | |
| (A) There are three stud | _ | | | | | | |
| (B) K is between A and | | ` ' | sitting between | | (T) 11 | | |
| (D) G and C are neighb | ors sitting to the | ımmedia | te right of H. | | (E) None of the | ese | |
| 22. If E and D, C and of the following p | | | _ | _ | ons, which | [C |] |
| (A) D and E | (B) E and F | _ | (C) D and K | | (D) K and F | | |
| (E) None of superfluor | | | (C) D and K | | (D) K and I | | |
| (E) None of superfluor | 15 | | | | | | |
| Directions (Questions questions given below Six persons A, B, C, D E is not at the end of a D is second to the left C the neighbor of E, is B is the neighbor of F. | : b, E and F are site ny row of F. s sitting diagonal | ting in t | wo rows, thi | | - | wer the | 2 |
| 30. Which of the follow (A) F and C (E) A and B | ving are sitting dia (B) D and A | | opposite to e | | (D) A and F | [D |] |
| (L) A and D | | | | | | | |
| 31. Which of the follow (A) A and E (E) C and F | ving are in the san (B) E and D | | (C) C and B | | (D) A and B | [A |] |
| 22 **** | | | 2 | | | | |
| 32. Which of the follow | C | | | | (D) APP | [C |] |
| (A) FBC | (B) CEB | | (C) DBF | | (D) AEF | (E) Al | BF |
| 33. After interchanging (A) C and A (A) Only C | seat with E, who (B) F ar | | - | ns of D in t Only B | he new position (D) Or | |] |
| Directions (Qs. 34-38): is sitting next to D, D is from the right end. A is together. | s not sitting near I | E, E is or | n the left end | of the bend | ch. C is on secon | nd posit | ion |
| 24 3371 1 4 111 2 | | | | | | r.C | 7 |
| 34. Where is A sitting? | (D) D : | | 1 C | (O) P | D 1C | [C |] |
| (A) Between B and D | | ween D | | (C) Bet | ween B and C | | |
| (D) Between C and E | (E) Bety | ween C a | and E | | | | |
| 25 What 199 199 | | | | | | Γ. | 1 |
| 35. Who is sitting in the | | | (D) D | (E) E | | [A |] |
| (A) A (B) B | (C) C | | (D) D | (E) E | | ID. | 1 |
| 36. C is sitting between | | | | | | [D] |] |

| (A) B and D (E) A and B | (B) A an | d E | (C) D and E | | (D) A and D | | |
|---|---|------------------------------------|----------------------------------|--------------------------------|-----------------|--------|------|
| 37. What is the position(A) Extreme left(D) Second from left | | (B) Extreme rig (E) None of the | | (C) Thin | d from left | [B |] |
| 38. What is the position (A) Second from right (D) Second from left | (| (B) Centre (E) None of the | | Extreme left | | [D |] |
| Directions (Qs. 39-43): (i) Eight friends A (ii) A, who is sitting (iii) E, who is sitting the left of F (iv) D is sitting seconds. 39. Who are the three from the seconds. | g immedi g immedia 7. ond to the | ately between Cately between 'I | G and C, is jus H' and 'C' is | st opposite to second to th | o F. | second | l to |
| (A) DFH (E) None of these | (B) GAC | - | (C) ACE | | (D) Cannot be d | - | ned |
| 40. Who is sitting betwee (A) A (B) F (E) None of these | | l G? (C) B | (D) Cannot b | oe determine | ed | [C |] |
| 41. Who are the immed (A) B and F (E) None of these | iate neigh (B) F an | | (C) B and G | | (D) B and H | [A |] |
| 42. Who is sitting direct (A) E (B) F (E) None of these | | te to G? (C) H | (D) Cannot b | oe determine | ed | [C |] |
| 43. Who is sitting direct | tly opposi | te to C? | | | | | |
| [A] [A] [B] F (E) None of these | (| (C) B | (D) Cannot b | oe determine | ed | | |
| | | | *** | | | | |
| NUM | BER F | CHAI RANKING A | PTER – 12 AND TIM | | ENCING | | |
| 1. How many 3's are the by 6 nor immediately for 9 9 3 6 6 63 9 5 37 8 9 | ollowed b | y 6. | ience which a | are neither p | receded | [B |] |
| (A) 1 (B) 2 | | (C) 3 | (D) 4 | | | | |
| 2. Count each 7 which either 2 or 3. How many | | | • | is immediate | ely followed by | [A |] |

| 572657383 (A) 2 | 373257273 (B)3 | 4 8 2 6 7 8 (C) 4 | (D) 1 | | |
|---------------------------------|---|----------------------------|---|------------|---|
| 3. How many 67 but not follow | | ne following serie | es of numbers which are preceded by | [C |] |
| 67956976 | 876767869 | 467795763 | | | |
| (A) 1 | (B) 2 | | (D) 4 | | |
| immediately pr | eceded by 8? | | re not immediately followed by 3 but | [C |] |
| 898762263 | 326973287 | 277873779 | 4 | | |
| (A) 4 | (B) 1 | (C) 2 | (D) 3 | | |
| preceded by 8? | | _ | es which are preceded by 6 but not | [D |] |
| | 797616776 | | | | |
| (A) A | (B) 1 | (C) 2 | (D) 3 | | |
| preceded by 4? | _ | - | s are followed by 1's but not | [C |] |
| 4 2 1 21 4 2 1 1 (A) 2 | (B) 3 | (C) 4 | 1 2 4 1 4 2 1 2 4 4 6 (D) 5 | | |
| |): Study the follo 289724592 | - | fully and answer the following question. | | |
| 7. How many 7 (A) 2 | 's are there in the (B) 3 | e series which ar (C) 4 | re preceded by 9 and followed by 6? (D) 5 | [A |] |
| 8. Which figure | es have equal free | quency? | | | |
| (A) 253 | (B) 245 | (C) 375 | (D) 865 | | |
| 9.How many 6' followed by 4? | s are there in the | series which are | e immediately preceded by 9 but not | [D |] |
| 56432961 | 549642159 | 672147496 | 4 2 | | |
| (A) 1 | (B) 2 | (C) 3 | (D) 4 | | |
| | - | | the how many times 1,3 and 7 have and 3 on either side of 7? | [B |] |
| (A) 3 | (B) 4 | (C) 5 | (D) 2 | | |
| | s 6 4 1 2 2 8 7 4 2 ers have a differe | | 1 4 1 3 2 8 6 how many pairs of | [B |] |
| (A) 1 | (B) 2 | (C) 3 | (D) 4 | | |
| followed by an | | vell as immediat | lowing series which are immediately ely preceded by an even number? | [A |] |
| (A) 1 | (B) 3 | (C) 5 | (D) none of these | | |
| (· •) • | (1) 3 | (0)0 | (2) Holle of those | | |

Directions (13-15): study the following series and answer the following questions

| | odd numbers are | | | | ately | [C |] |
|------------------------------------|---|-------------------|-----------|-------------------|-------------------|-----------------------------|----------|
| followed by an | | _ | | | - | | |
| (A) more than ² | 4 (B) 4 | (C) 3 | | (D) 4 | | | |
| - | ven numbers are per but immediat (B) 2 | _ | | | ately preceded | [D |] |
| 15 Hamman | . 44 | 41 | | h: ah ana : | | مداد است | |
| • | odd numbers are llowed by an eve | - | uence w | nich are immedi | atery preceded as | na aiso [C |] |
| (A) 1 | (B) 2 | (C) 3 | (D) 4 | | | [C | 1 |
| by 3 or 5, then t | wing series, how followed by odd 18,35,20,22,21,4 (B) 1 | numbers and the | en also f | ollowed by an ev | | [C |] |
| are exactly divi following numb | wing number sequiples sible by its immediate? | ediate preceding | • | | | [<mark>B</mark> nmediat |] te |
| (A) 1 | (B) 2 | (C) 3 | (D) 4 | | | | |
| from 1 and he v | nting down from was calling out or ey were calling o (B) 21 | nly the odd num | bers. Wh | - | nber will they ca | _ |] the |
| | nd second digit i | • | | | • | _ |] |
| (A) 1 | | (C) 7 | (D) 9 | | | | |
| 20. If the position | ons of first and to 7 5 are interchange right end? (B) 6 | - | _ | | | [<mark>C</mark> ould be |] |
| 21. In a row of in the row? | trees. One tree i | s fifth from eith | er end of | the row. How n | nany are there | [B |] |
| (A) 8 | (B) 9 | (C) 10 | (D) 11 | | | | |
| Mamatais just i | Amrith is 10 th find the middle of the from the front? (B) 19th | he two. If there | | rsons in the que | | [C does |] |
| | as 16 th from the t | | n bottom | in the class. How | w many | [A |] |

| (A) 64 | (B) 65 | (C) 66 | (D) none | | | |
|--------------------------------------|---|--|---|--------------------|------------------------------------|-------------|
| 24. Sanjeev rank are there in the | | op and 28 th from | the bottom then how ma | ny students | [D |] |
| (A) 37 | (B) 36 | (C) 35 | (D) 34 | | | |
| | | • | a line of boys and fourth that there are 28 boys (D) 15 | | [B |] |
| | ination. Six boy | _ | om the bottom among the pate in the competition ar | | [<mark>D</mark> it. How |] many |
| (A) 40 | (B) 44 | (C) 50 | (D) 55 | | | |
| 27. Aruna ranks (A) 33 | s 12 th in a class o (B) 34 | of 46. What will (C) 35 | be her rank from the last (D) 37 | ? | [C |] |
| what is Ravi ra | nk from the start | ing? | Sumit rank is 17 th from | | [B |] |
| (A) 14th | (B) 15t | :h | (C) 16th | (D) 17^{th} | | |
| | | | ce that of boys, Kamal ramal, how many boys are (D) 23 | | [<mark>C</mark> ık? |] |
| | | | by two places towards ler positions from the right (D) 6th | | [<mark>B</mark> _? ? |] |
| before 13 th of E | December . Her S | Sister Natasha rei | hday was certainly after membered that her father date of December was th (D)date inadequate | 's birthday was | |] ely |
| kilometers from | n there. Sunitha | knew that is was ch of the followin | nat Aligarh was more than more than 12 but less than ng could be the distance (C) 13km | n 14 kilometers | | |
| in 25 minutes, t | hey finish their | breakfast in anot ne do they leave | the morning, reaches Ku her 15 minutes and leave Kunals house to reach th (C) 8.15am | e for their office | [B which |] takes |
| | | _ | earlier than usual. It takes n. At what time does he u | | [<mark>B</mark> ne for t |] he bus |
| (A) 8.30am | (B) 8.4 | 5pm | (C) 8.55am | (D) 8.45am | | |
| 35. The priest to | old the devotee. | The temple bell | is rung at regular interva | als of 45 minutes | s. [<mark>B</mark> |] |

The last bell was rung 5 minutes ago. The next bell is due to the rung at 7.45 am, At what time did the priest given the information to the devotee?

(A) 7.40am

(B) 7.05am

(C) 7.00am

(D) 6.55am

CHAPTER - 13

| | DIRECTIO | N SENSE TEST | | | |
|----------------------------------|---|--------------------------|------------------|----------------|---|
| straight. Again he turns | ng straight towards east. As to the left and walks a d m. How far is he from the (B) 35 m | istance of 40m straight, | | | |
| - | g towards North. After wa 30 m. He again turned le (B) 40 m | | | nis origina | |
| (E) None of these | o the west from his house | than he turned and well | kad 20 km. Ha tl | on turnoc | 1 |
| | and turning left covered (B) 10 km. | | | |] |
| - | south turns to her left an st she walks 15 m. How f (B) 37 m | | | nd walks [D | |
| ~ | outh of her house, Radhik m and then starts walking | ~ | | , turning t | _ |
| (A) North-west (E) None of these | (B) North | (C) South-east | (D) East | | |
| | start from a fixed point. loves 5 km westwards, tu low is | | | - | |
| (A) 10 km (E) 4 km | (B) 9 km | (C) 8 km | (D) 6 km | | |
| | res towards south. Then, metres. Again, he turns t | | | | |

| (A) 30 metres(E) None of these | (B) 20 metres | (C) 80 metres | (D) 60 metres | | | | |
|--|---|---|---|----------|--|--|--|
| 8. Suresh starts from his house towards west. After walking a distance of 30 m, he turned towards right and walked 20 metres. He then turned left and moving a distance of 10metres, turned to his left again and walked 40 metres. He now turns to the left and walks 5 metres. Finally he turns to his left. In which direction is he walking now? [A] | | | | | | | |
| (A) North (E) West | (B) South | (C) East | (D) South-West | J | | | |
| • | tht and walked 70 me | Y at a distance of 80 m. H tres. Finally he turned righ | _ | | | | |
| (A) 20 metres (E) None of these | (B) 50 metres | (C) 70 metres | (D) 10 metres | J | | | |
| | | rom there he walks 6 km to tion is he with references to (C) 5 km North-Ea | o his starting point? [B |] | | | |
| | | nd Ratheesh were standing l exactly towards his left ha | | | | | |
| (A) East (E) North-east | (B) West | (C) North | (D) South | | | | |
| hand point? | | l points east, in which direc | [<u>C</u> |] | | | |
| (A) North(E) None of these | (B) North-west | (C) South-east | (D) North-east | | | | |
| walked 10 m. He the direction direction fr | en turned 45° towards com his starting point | | to cover 25 metres. In wi | | | | |
| (A) South-west (E) East | (B) South-east | (C) North-west | (D) North-east | | | | |
| that the pointer which | th was showing east, | rossing. Due to an accident started showing south. One irection actually he was tra | e traveler wentto the wron | | | | |
| (A) east (B) | west (| (C) north (D |) south | | | | |
| 15.Ram goes first 71. How far is he from t (A) 7km | | eft and moves 10km, again (C) 17km | he turns left and moves 7 [B (D) 24km | km.] | | | |
| () / | (2) 101111 | (C) 2/mii | (2) 2 | | | | |

16. A is 40 km south-west of B. C is 40 km south-east of B. Then C is in which direction of A? [A]

| (A) east | (B) west | (C) north-east | (D) south | | |
|---|--|---|---|--|----------|
| | performing yoga will his left hand be? | th his head down and leg | s up. His face is towards | the west. In | which |
| (A) east | (B) west | (C) north | (D) south | [| , |
| On reaching | the place, he heard a | ost and proceeded south another sound and proceed r place C, 4 km away. In h (C) South | ded 4 km to his left to the which direction, he has t | e point B. Fro to go to reach [D | om B, |
| Six flats on a Q gets a Nor S and U get | a floor in two rows th facing flat and i diagonally opposite | | are allotted to P, Q, R, | | |
| 19. If the flat (A) P | | rchanged then whose flat (C) R (D) T | will be next to that of U | ? [<mark>A</mark> |] |
| 20. Which of (A) QTS | the following comb (B) UPT | ination get south facing f | | [C is inadequat | e] |
| 21. The flats (A) QP | | r pair than SU, is diagona (C) PT (D) TS | ally opposite to each othe | er? [A |] |
| 22. One morr | ning Udai and Visha | l were talking to each oth | ner face to face at a cross | ing. If Visha | l's |
| shadow was (A) East | exactly to the left of (B) Wes | Udai, which direction wat (C) North | _ | [<mark>C</mark> h |] |
| | ~ | i and Murari were standing ds his left hand side. White (C) North | ch direction was Murari | facing? [D |] |
| | - | he right I go 20m. then tu o 40m to the right. In whi | - | - | g to the |
| (A) East | (B) Wes | t (C) North | h (D) South | | , |
| • | | k in opposite directions f k 3km each. Both turn to | • | | |
| (A) North | (B) Wes | t (C) South | h-East (D) South | | - |

CHAPTER – 14 SYLLOGISMS

Directions (Qs. 1-25): Each of the following questions contains two statements followed by two conclusions numbered I and II. You have to consider the two statements to be true, even if they seem to be at variance at the commonly known facts. You have to decide which of the given conclusions definitely follows from the given statements.

| Given answer | (a) If only I follows; (b) If only conclusion II follows (c) If either I or II follows (d) If neither I nor II follows (e) If both I and II follow. | | |
|---------------|---|------------|---|
| 1. Statement: | Some tables are glasses. All trees are tables. | [D |] |
| Conclusions: | I. Some trees are glasses II. Some glasses are trees. | | |
| 2. Statement: | No man is a lion. Somu is a man. | [A |] |
| Conclusions: | I. Somu is not a lion. II. All men are not Somu. | | |
| 3. Statement: | All boys are mothers. All mothers are fathers | [B |] |
| Conclusions: | I. All mothers are boys.II. All boys are fathers | | |
| 4. Statement: | All pots are cups. All cups are bowls. | [A |] |
| Conclusions: | I. All pots are bowls.II. All cups are pots. | | |
| 5. Statement: | All students are girls No girl is dull | [D |] |
| Conclusions: | I. There are no boys in the class II. No students is dull. | | |
| 6. Statement: | Some cats are kittens. All goats are kittens. | [D |] |
| Conclusions: | I. Some cats are goats.II. Some goats are cats. | | |
| 7. Statement: | All names are houses. No houses are foxes | [D |] |
| Conclusions: | I. All names are foxes II. No houses are names. | | |
| 8. Statement: | All pens are dogs. | [A |] |

| Conclusions: | Some pens are lights I. Some dogs are lights II. Some lights are not dogs. | | |
|----------------|---|------------|---|
| 10. Statement: | All tables are ants. | [B |] |
| Conclusions: | Some ants are chairs. I. All ants are tables II. Some chairs are not ants. | | |
| 11. Statement: | All elephants are birds. | [A |] |
| Conclusions: | Some birds are cows. I. some cows are birds. II. Some elephants are cows. | | |
| 12. Statement: | All papers are pencils. All pencils are erasers. | [E |] |
| Conclusions: | I. Some pencils are papers. II. Some pencils are papers. | | |
| 13. Statement: | Some trees are horses. Some ships are trees. | [B |] |
| Conclusions: | I. some horses are shipsII. Some trees are neither ships nor horses. | | |
| 14. Statement: | | [D |] |
| Conclusions: | Some mirrors are red. I. All mirrors are glasses. II. Some glasses are red. | | |
| 15. Statement: | Some dogs are horses. No horse is black. | [B |] |
| Conclusions: | I. somedogs are black. II. Some horses are dogs. | | |
| 16. Statement: | All roads are poles. No poles are houses. | [D |] |
| Conclusions: | I. some roads are houses. II. Some houses are poles. | | |
| 17. Statement: | many actors are singers. | [A |] |
| Conclusions: | All singers are dancers. I. Some actors are dancers. II. No singer is an actor. | | |
| 18. Statement: | Only cats are animals. No historian is an animal. | [E |] |
| Conclusions: | I. Some cats are not historians. II. Some historians are not cats. | | |
| 19. Statement: | Some desks are caps. No cap is red. | [A |] |

| Conclusions: | I. Some caps are desks II. No desk is red | | |
|-----------------------------------|---|------------|-----|
| 20. Statement: | Some pots are belts. No belt is white. | [D |] |
| Conclusions: | I. Some pots are white.II. Some pots are not white. | | |
| 21. Statement: | Some girls are flowers. Some flowers are books. | [D |] |
| Conclusions: | I. Some girls are books. II. No books are girls. | | |
| 22. Statement: | Some files are ants. All insects are ants. | [B |] |
| Conclusions: | I. All files are ants. II. Some ants are insects. | | |
| 23. Statement: | All players are tall. Pranesh is tall. | [D |] |
| Conclusions: | I. Pransh is a player. II. Pransh is not a player. | | |
| 24. Statement: | Some hens are cows. All cows are horses. | [E |] |
| Conclusions: | I. Some horses are horses. II. Some hens are horses. | | |
| 25. Statement: | All business men are hard working. No hard working men are superstitious | [E |] |
| Conclusions: | I. No business men are superstitious. II. All Superstitious are not businessmen. | | |
| four conclusio even if they se | s. 26-40): In each question below, there are two or three statements in numbered I, II, III and IV. You have to take the given statement em to be at variance with commonly known facts and then decide wons logically follow(S) from the given statements. | s to be t | rue |
| 26. Statement: | Some boys are girls. All girls are students. | [A |] |
| Conclusions: | I. Some boys are students.II. Some students are boys.III. Some students are girls | | |
| (C) I, I | IV. All students are girls. II and III follow (B) II, III and IV follow (II and IV follow (D) I, II and IV follow | | |

| Conclusions: (A) I, a (C) Eit | All books are watches. Some watches are clips. I. Some watches are book II. No watches are book III. Some books are clip IV. No books are clips and III follow her I or II follows her I or II and III follow. | oks. s. | [B |] |
|--------------------------------|--|--|-----|---|
| 29. Statement: Conclusions: | Some reds are blues. No greens are blues. I. Some reds are not gre II. All reds are greens. III. Some greens are not IV. All greens are reds. | | В |] |
| (C) Eit | ly I follows her I or II follows nd II follow | (B) Only I and III follows(D) Either III or IV and I follow | | |
| Conclusions: (A) On (C) Eit | All birds are animals. Many birds are stones. I. Some birds are animal II. Some animals are sto III. All animals are stone IV. Some animals are no ly I follows ther III or IV follows II and IV follow | ones es | [E |] |
| (C) On | Some girls are teens. No teens are snakes. I. Some teens are girls. II. Some snakes are not III. Some girls are not so IV. All snakes are girls. ly I follow ly I, II and III follow her III or IV follows | nakes. | [?? |] |
| Conclusions: (A) Eit (C) I II | No blankets are pillows. Some beds are blankets. I. Some blankets are not II. Some pillows are not III. Some beds are not p IV. All beds are pillows her II or IV follows and III follow ne of the above | pillows. beds. illows. | [C |] |

| 35. Statement: | All classes are glasses. | | [D |] |
|---------------------|---------------------------|-----------------------------|------------|---|
| | All brasses are glasses. | | | |
| Conclusions: | I. Some classes are bras | sses. | | |
| | II. Some brasses are gla | isses. | | |
| | III. Some brasses are cl | asses. | | |
| | IV. Some classes are gl | asses. | | |
| (A) On | ly I follow | (B) Only II follows | | |
| (C) I a | nd II follow | (D) II and IV follow | | |
| (E) All | follow | | | |
| 36. Statement: | All cars are buses. | | [A |] |
| | Some buses are cycles. | | | |
| Conclusions: | I. All cycles are buses. | | | |
| | II. All cycles are car. | | | |
| | III. Some cars are cycle | s. | | |
| | IV. No cars are cycles. | | | |
| (A) No | one follows | (B) Only II and III follow | | |
| (C) Eit | her II or III follows | (D) Either I or IV follows | | |
| | her III or IV follows | | | |
| 37. Statement: | Some singers are rocker | rs. | [A | 1 |
| | All rockers are western | | L | , |
| Conclusions: | I. Some rockers are sing | | | |
| | II. Some westerners are | | | |
| | III. Some singers are we | | | |
| | IV. Some singers are no | | | |
| (A) I. I | I and III follow | (B) I, II and IV follow | | |
| | III and IV follow | (D) I, III and IV follow | | |
| | follow | (2) 1, 111 und 1 / 10110 // | | |
| 38. Statement: | All pigs are elephants. | | [E | 1 |
| | No pigs are bakers. | | L | _ |
| Conclusions: | I. Some bakers are not | oigs. | | |
| | II. Some pigs are not ba | | | |
| | III. Some elephant are r | | | |
| | IV. Some bakers are no | | | |
| (A) I I | I and III follow | (B) I, II and IV follow | | |
| | II and IV follow | (D) II, III and IV follow | | |
| | follow | (D) II, III and I v Tollow | | |
| 39. Statement: | All green are blue. | | [C | 1 |
| | All blue are white. | | Į. | , |
| Conclusions: | I. Some blue are green. | | | |
| conclusions. | II. Some white are gree | n | | |
| | III. Some green are not | | | |
| | IV. All white are blue. | William. | | |
| $(\Delta) \Omega n$ | ly I and follow | (B) Only II and III follow | | |
| | ly I and II follow (D) On | · · · · · | | |
| | follow | 1, 1 and 1 + 10110 W | | |
| | 10110 11 | | | |

| Conclusions: (A) On (C) Eitl | Some soaps are clean. All clean are wet. I. Some clean are soaps II. No clean are soaps III. Some wet are soaps IV. All wet are soaps. ly I follows her III or IV follows he of the above | | [D |] |
|-------------------------------|---|---|--------------|---|
| | | | | |
| | | CHAPTER – 15 CLOCKS | | |
| | | | | |
| 1. Choose the | Correct Option: | | | |
| 1. A clock is sta (A) 145° | arted at noon. By 10 min (B) 150° (C) 15 | utes past 5, the hour hand has turned throug (D) 160° | gh [C |] |
| | | in the morning. Through how many degree clock shows 2'0 clock in the afternoon? (D) 180° | s [D |] |
| 3. At 3:40, the 1 (A) 120° | nour hand and the minut (B) 125° (C) 13 | e hand of a clock from an angle of (D) 135° | [C |] |
| • | tween the minute hand a (B) 75° (C) 60 | nd the hour hand of a clock when the time i (D) 105° | s 8:30 is [B |] |
| 5. The angle be (A) 0° | tween the minute hand a (B) 10° (C) 5° | nd the hour hand of a clock when the time i (D) 20° | s 4:20 is [B |] |
| 6. At what angl (A) 58½° | e the hands of a clock at (B) 64° (C) 67 | e inclined at 15 minutes past 5? ½° (D) 72½° | [C |] |
| 7. The reflex an (A) 180° | gle between the hands (B) 192½° (C) 19 | | [D |] |
| 8. How many ti (A) 20 | mes do the hands of clo (B) 21 (C) 22 | ek coincide in a day? (D) 24 | [C |] |
| 9. How many ti (A) 22 | mes in a day, the hands (B) 24 (C) 44 | of a clock are straight? (D) 48 | [C |] |
| 10. How many (A) 22 | times are the hands of a (B) 24 (C) 44 | clock at right angles in a day? (D) 48 | [A |] |

| 11. How many times in a (A) 20 (B) 22 | a day are the har (C) 24 | nds of a clock in stra (D) 48 | night line but opposi | te in direction? | ? [B] |
|---|--|---|--|------------------|----------------|
| 12. How much does a war (A) 32 8/11 min | atch lose per da (B) 36 5/11 mir | | • | |] |
| 13. At what time, in min coincide each other? | | | | |] |
| (A) 5 1/11 min | (B) 12 4/11 mir | (C) 13 4/11 | l min (D) 16 | 6 4/11 min | |
| 14. At what time betwee (A) 45 min , pas (C)49 1/11 min | st 9 | (B) 50 min | _ | er [C |] |
| 15. At what time betwee line but, not together (A) 5 min . past | · ? | | f a clock be in the st min . past 7 | raight [D |] |
| (C) 5 3/11 min 16. At what time betwee opposite directions? (A) 45 min . pas (C) 50 4/11 min | on 4 and 5 ' O cl Type equation at 4 | ock will the hands of here. (B) 40 min | _ | [D |] |
| 17. At what time betwee (A) 43 5/11 min (C) 40 min . pas | . past 5 | | l min . past 5 | ar. [B |] |
| 18. Find the angle betwee the time is 3:25 (A) 47° | | d and the minute ha (C) 47 1/2° | nd of a clock when (D) None of the | [C nese10 |] |
| 19. At what time betwee (A) 10 10/11 m (C) 11 10/11 mi | in. past 2 | lock will the hands (B) 5 min . (D) 10 min | past 2 | er? [A |] |
| 20. At what time betwee (A) 5 5/11 min (C) 5 min . past | . past 4 | | min . past 5 | angle? [A |] |
| | | | | | |

CHAPTER – 16 CALENDAR

I. Choose the Correct option:

| 1. | January 1, 200 (A) Monday | 7 was Monday. (B) Tuesday | • | ne week lies on Ja Wednesday | nnuary 1, 2008? (D) Sunday | ĮΒ | J |
|--------|---|------------------------------------|--|---------------------------------|-------------------------------|----|---|
| 2. | January 1, 200 (A) Monday | 8 is Tuesday. W (B) Wednesday | • | week lies on Jan Thursday | uary 1, 2009 (D) Sunday | [C |] |
| 3. | on 8 th Decemb | | · | nt day of the weel | k was it (D) Friday | [D |] |
| | (11) Builday | (B) Thursday | (C) | Tuesday | (D) Triday | | |
| 4. | The calendar f (A) 2014 | for the year 2007 (B) 2016 | will be the sa: (C) 2017 | me for the year (D) 2018 | | [D |] |
| 5. | On 6 th March, on 6 th March, | • | lls. What was | the day of the we | eek | [A |] |
| | (A) Sunday | (B) Saturday | (C) Tuesday | (D) Wedneso | lay | | |
| 6. | On what dates (A) 1 st , 8 th , 15 (C) 3 rd , 10 th , 1 | | | $16^{th}, 23^{rd}, 30^{th}$ | | [D |] |
| 7. | | ay of the week or (B) Tuesday | • | | Γhursday | [C |] |
| 8. | What was the d (A) Thursday | ay of the week o (B) Friday | n 28 th May, 20 (C) Saturday | | Sunday | [D |] |
| 9. | What will be the (A) Sunday | e day of the weel (B) Monday | _ | | Friday | [A |] |
| 10. | - | ny. After 61days, y (B) Saturda | | Tuesday (D) | Γhursday | [B |] |
| 11. 7 | Γhe last day of a (A) Monday | century cannot (B) W | be ednesday | (C)Tuesday | (D) Friday | [C |] |
| 12. V | Which of the fol (A) 700 | lowing is not a lo (B) 800 | eap year? (C)1200 | (D) 2000 | | [A |] |
| 13. H | Iow many days (B) $7x^2$ | are there in x we (B) 8x | eks x day? (C)14x | (D) 7 | | [B |] |
| | was Sunday on nuary 1, 2010? | January 1, 2006 | 6. What was th | e day of the weel | c on | [C |] |
| | (A)Sunday | (B) Sa | turday | (C) Friday | (D) Wednesda | ay | |
| 15. On | • | 005 it was Tuesd uary, 2004? | ay. What was | the day of the we | eek | [C |] |
| | (A) Tuesday | (B) M | onday | (C) Sunday | (D) Wednesda | ay | |

| 16. | The calendar for the year | 1982 is the same | as which year | | $[\mathbf{B}]$ |] |
|-----|---------------------------|---------------------------------|---------------|---------------|----------------|---|
| | (A) 1984 | (B) 1993 | (C)1985 | (D) 1989 | | |
| 17. | What day of the week wa | as 2 nd November, | 1981? | | [A |] |
| | (A) Monday | (B) Tuesday | (C)Wednesday | (D) Thursday | | |
| 18. | On which day of the weel | k does 30 th June, 1 | 994 fall? | | [A | 1 |
| | (A) Thursday | · · | (C)Tuesday | (D) Wednesday | • | - |
| 19 | What was the day of the | week on 15 th Augi | ıst 1947? | | [A | 1 |
| 17. | (A) Friday | (B) Saturday | | (D) Monday | [| ı |
| 20. | What was the day of the | week on 4 th June, 2 | 2002? | | [A | 1 |
| | (A) Tuesday | (B) Monday | (C) Wednesday | (D) Sunday | - | • |

CHAPTER-17 DATA SUFFICIENCY

Directions: Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

- (A) If the data in statements I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- **(B)** If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- (C) If the data either in statement I alone or in statement II alone are sufficient to answer to the question.
- (**D**) If the data given either in both statement I and II together are not sufficient to answer to

| ` | the question; and | | |
|----|---|------------|---------|
| (F | E) If the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in both statement I and II together are necessary to answer the quality of the data in | uestion. | |
| 1. | What is the colour of fresh grass? I. Blue is called green, red is called orange, orange is called yellow. II. Yellow is called white, white is called black, green is called brown and | [D brown |] is |
| | called purple. | 010 ((11) | |
| 2. | What is the code for 'sky' in the code language? I. In the code language, 'sky is clear' is written as 'da ra fa'. | [D |] |

| | II. | In the same code language 'make it clear is written as 'da ga jo | ' . | |
|------------|-----------------------|--|------------|---|
| | h mean I. In the | word stands for 'good; in the coded sentence 'sin co bye' [C s 'He is good? e same code language, 'co mot det' means 'They are good'. he same code language, 'sin mic bye' means 'He is honest'. |] | |
| 4. Amo | I. D is | friends, who is the tallest? taller than A and C shorter than E but taller than D | [E |] |
| 5. What | I. The | numerical code for 'water' in a certain code? code for 'give me water' is '719'. code for 'you can bring water for me' is written as '574186'. | [D |] |
| 6. How | I. B is t | ated to A? the brother of A D's son | [D |] |
| 7. B is | the brot I. II. | ther of A. How is A related to B? A is the sister of C E is the husband of A | [C |] |
| 8. How | I. Y say | ated to Y? ys, "I have only one brother'. ays, "I have only one sister'. | [E |] |
| 9. How | I. A's f | ons does D have? Cather has three children. A's, brother and son of D | [?? |] |
| 10. Hov | I. Sulel | ekha related to Nandini? kha's husband is the only son of Nandini's mother ekha's brother and Nandini's husband are cousins. | [C |] |
| 11. T st | I. T do | which of the schools B, C, D, E and F? es not study in the same school as either R or J and J study in schools D and F respectively. | [D |] |
| | I. D is | five children A, B, C, D and E, who is standing in the middle? the immediate right of E and B is to the immediate left of E extreme left of the row | [E |] |
| Wh I. C | o is to to | and E are sitting around a circular table facing the centre. he immediate left of C? s between E and B he immediate left of B | [D |] |
| Wh | o is to t | and E are seated around a circular table facing at the centre. the immediate right of B? etween A and E | [D |] |

| | II. C is in between B and E | | | | |
|-----|--|--|--------------------------|----|--------------|
| | 15. What is the value of 144 \$ 16 & 7# 9 I. \$ means ÷, & means * and # means + II. 16 \$ 4 & 2 # 2 = 10 | | | | |
| | 16. Who among P, Q, R, S and T is lightest?I. R is heaviest than Q and T but lighter than SII. S is not the heaviest | | | | |
| | 17. Among A, B, C, D, E, and I. A and D are heavier than B I. A and D are heavier than B | , E and F but none | | [A |] |
| | 18. Among Monika, Anitha, Sthe programme? I. Monika came after Anitha II. Ratna came after Tanvy bu | out not after Tanvy | anvy, who came last for | [E |] |
| | 19. What is the Shortest dista I. Durgapur is 20km away from II. Devipur is 15km away from | om Rampur | ur and Durgapur? | [D |] |
| 20. | Which Direction is Sunny fact I. If Sunny turns to his right II. If Sunny walks some distraction face will be towards | t and again turns to tance and turns left | and again walks some di | - |] nen his |
| | | CHAPTER | | | |
| | | CRYPTOGR | APHY | | |
| 1. | What would be the value (A) 1 (B) 2 | of the code 'A' wh | ere $A + 1 = 2$ (D) 3 | [C |] |
| 2. | What would be the value (A) 1 (B) 2 | of 'L' where L + N (C) 6 | 1=3 (D) either 1 or 2 | [D |] |
| 3. | Find out which number so | tands for AB in the AB + 72 96 | following operation: | [C |] |
| | (A) 12 (B) 22 | (C) 24 | (D) 28 | | |
| 4. | 'PQ' is the representation | for which number | ? | [C |] |

Direction (14 to 16): In the given illustration, each letter stands for the same integer throughout. Answer the following based on the given operation:



14. What is the value of A?

[**D**]

- (A) 2
- (B) 4
- (C)7
- (D) 1

15. Which of the following could be the correct value of B?

B

]

]

- A) 1
- (B) 2
- (C) 3
- (D) 4

16. What is the sum of A and B?

[C

- A) 1
- (B) 2
- (C) 3
- (D) 4

Direction (27 to 33): In the following addition each of the letters denotes a different integer. Each letter stands for the same integer throughout where 'P' stand for 4.

27. What is the value of the letter 'Z' throughout?

[C

]

]

]

]

1

1

- A) 4
- (B) 6
- (C) 8
- (D) cannot be determined

28. If the value of N is greater than 5, then 'N' stands for?

[D]

- A) 6
- (B) 7
- (C) 8
- (D) 6 or 7

29. If M > N and the value of N = 6, then what is the value of R?

[C

- A) 2
- (B) 1
- (C) 3
- (D) cannot be determined

30. If the value of N is 6 and M> N, then what is the value of A?

[B

- A) 2
- (B) 1
- (C) 3
- (D) None of these

31. If N = 6 and M > N, then which of the following numbers stand for MAN?

B

- A) 146
- (B)716
- (C) 356
- (D) 236

32. If N = 6, M > N and O = 5, then what is the value of POAR?

[A

A) 4513 (B) 4514 (C) 4517 (D) 4615

33. What is the remainder when 'P' is divided by Q?

A) 3 (B) 0 (C) 1 (D) 2

Direction (34 to 40): In the following multiplication, each of the letters denotes a different integer. Each letter stands for the same integer throughout where 'A' stands for '2' and 'E' stands for 6.

| x | A | B C | A A | |
|---------------|--------|--------|--------|---|
| E | D C | A E | D x | |
| <u>Е</u> Е | F | G | D D | _ |

| 34. | What is the value of | of C? | | | | [C |] |
|-----|----------------------|---------------|---------|----------|----------|------------|---|
| | A) 4 | (B) 2 | (C) 3 | (D) 6 | | | |
| 35. | What is the value | of F? | | | | [D |] |
| | A) 9 | (B) 8 | (C) 3 | (D) 7 | | | |
| 36. | What is the sum to | | | (T) | | [C |] |
| | A) 16 | (B) 14 | (C) 7 | (D) 9 | | | |
| 37. | Which of the follo | • | | (D) 201 | | [D |] |
| | A) 467 | (B) 324 | (C) 627 | (D) 321 | | | |
| 38 | Which of the follo | wing stand fo | r DEAF? | | | [B |] |
| 20. | A) 6784 | • | 4627 | (C) 3247 | (D) 3216 | Ĺ | J |
| | | | | | | | |
| 39. | What is the value | | (C) 0 | (D) 056 | | [A |] |
| | A) 16 | (B) 64 | (C) 8 | (D) 256 | | | |
| 40. | What is the final p | | . 6264 | (C) 6794 | (D) 4 | [C |] |
| | A) 4624 | (B) | 6364 | (C) 6784 | (D) 4 | 40 | |
