

GENERAL INTELLIGENCE AND REASONING

Directions : (Q.1—4) In each of the following questions, select the related letter/word/number from the given alternatives.

1. 8 : 9 : 56 : ?
(a) 90 (b) 73
(c) 72 (d) 89
2. ACEG : ZXVT :: BDFH : ?
(a) YVSP (b) IKMO
(c) YUQM (d) YWUS
3. BCFG : HILM :: NORQ ?
(a) TXUW (b) TUXW
(c) TVWX (d) TXWU
4. Affluent : Opulent :: Flourish : ?
(a) Prosper (b) Flatter
(c) Comprise (d) Outflow
5. 25 : 37 :: 49 : ?
(a) 56 (b) 60
(c) 65 (d) 41
6. ABCD : ZYXW :: EFGH : ?
(a) VUTS (b) EUTS
(c) POTS (d) UOTS
7. 7 : 32 :: 28 : ?
(a) 128 (b) 126
(c) 136 (d) 116
8. Gulp : Drink :: Rush : ?
(a) Jump (b) Hop
(c) Go (d) Run
9. Joy : Delight :: Gloomy : ?
(a) Silent (b) Dull
(c) Vague (d) Plain

Directions : (Q. 10—18) In each of the following questions, find the odd number/letters/number pair from the given alternatives.

10. (a) JQ (b) AT
(c) HK (d) CF
11. (a) Mumbai (b) New Delih
(c) Kolkata (d) Chennai
12. (a) Tiger (b) Cheetah
(c) Lion (d) Wolf
13. (a) OUT (b) FED
(c) DIN (d) JOT
14. (a) 26 (b) 82
(c) 15 (d) 65
15. (a) 27 (b) 37
(c) 47 (d) 17
16. (a) CFI (b) DGJ
(c) EHL (d) BEH
17. (a) 5 - 35 (b) 4 - 44
(c) 6 - 64 (d) 3 - 30
18. (a) Disk (b) SIM
(c) USB (d) Modem

Directions : (Q.19—21) In each of the following questions, which of the following word will appear last in the dictionary?

19. (a) Rhapsody (b) Revolve
(c) Rheumatism (d) Reward
20. (a) Heart strings (b) Heavy
(c) Health (d) Heathen
21. (a) Prize (b) Prosecute
(c) Prompt (d) Prostrate

Directions : (Q.22—27) In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

22. 2 6 12 20 30 ? 56
(a) 38 (b) 46
(c) 56 (d) 42
23. JkL ABC MnO DeF PqR Gh ?
(a) I (b) i
(c) S (d) s
24. 1, 4, 10, 19, 31, ?
(a) 43 (b) 46
(c) 50 (d) 55
25. RQOLH ?
(a) B (b) C
(c) D (d) A
26. YXHGWWFEUTDCSRB ?
(a) D (b) C
(c) I (d) A
27. 0, 6, 24, 60, 120, 210, ?
(a) 336 (b) 504
(c) 338 (d) 420
28. A husband and a wife had five married sons and each of them had four children. How many members are there in the family ?
(a) 32 (b) 36
(c) 30 (d) 40
29. In a certain code, if DEMOCRACY is written as YCARCOMED, how will the word PRESIDENT be coded as ?
(a) EIETPRSDN (b) NDSRPTEIE
(c) TNEDISERP (d) RSDNPEIET
30. From the given alternatives, select the word which cannot be formed using the letters of the given word 'DISTRIBUTION'
(a) TRIBUTE (b) RIOT
(c) DUST (d) DISTURB
31. If MOTHER is coded as NPUIFS select the appropriate code from the answer choices, for the word in capital letters : ZENITH.
(a) AFOGHJ (b) BGPVJ
(c) AFOJUI (d) AFOGHI
32. If AEIOU is written as BCJMV, how XCKYB can be written in the code ?
(a) YALWC (b) ADNZE
(c) YELAC (d) YBLXC
33. Five persons (R, S, T, U and V) are in a queue facing a reservation counter. Immediately

behind S is U. T is standing between R and V. in between R and U, no one is there. Then, where is S standing in the queue ?

- (a) Last but one (b) First
(c) Second (d) Last

34. In the year 2003, some months have 31 days. How many months have 28 days ?

- (a) 12 months
(b) Alternative months
(c) 6 months
(d) 1 months

35. In a team of five players, Vani is older than Rani. Sita is younger than Vani but older than Rani. Nita is younger than Mary and Rani. is older than Mary. Whose age is middle of the five in this team ?

- (a) Mary (b) Vani
(c) Rani (d) Sita

36. In a certain code, SURFER is written as RUSREF. How is KNIGHT written in that code ?

- (a) THGINK (b) GHTINK
(c) INKTHG (d) THINKG

Directions : (Q. 37—38) In each of the following questions, some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

37. $4 \quad 6 \quad 8$

$5 \quad 8 \quad 3$

$7 \quad 9 \quad 6$

$266 \quad 398 \quad \backslash$

(a) 544 (b) 445

(c) 515 (d) 454

38.

(a) 272 (b) 294

(c) 732 (d) 813

39. Based on the given details, find out the number of postgraduates enrolled in a college for the year 1970.

1968	1969	1970	1971	1972
113	88	?	63	59

(a) 63 (b) 79

(c) 72 (d) 84

40. Two squads of soldiers A and B facing North and South respectively received the following commands - Right Turn, Left Turn, Left Turn, Left Turn. Which directions would the squads A and B face at the end?

- (a) South, North (b) West, East
(c) North, South (d) East, West

41. In a square-shaped hostel, there are 8 rooms on each side in every floor. Room No. 101 is

the first room facing north in the first floor. The room numbers are continued clockwise, which direction does Room No. 125 face ?

- (a) South (b) North
(c) West (d) East

42. Select the missing number from the given responses.

$9 \quad 6 \quad 7$

$8 \quad \backslash \quad 3$

$3 \quad 5 \quad 8$

$216 \quad 900 \quad 168$

(a) 30 (b) 55

(c) 60 (d) 70

43. If μ stands for +, ν stands for \times , ρ stands for \div and σ stands for $-$, which of the following is correct ?

- (a) $2 + 3 \times 4 \div 5 - 6 = 10$
(b) $2 + 3 \times 4 - 5 \div 6 = 10$
(c) $2 + 3 \times 4 - 5 \div 6 = 10$
(d) $2 + 3 \times 4 \div 5 - 6 = 10$

Directions : (44—45) In each of the following questions, two statements are given, followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions if any, follow from the given statements.

44. **Statements :** 1. All scholars are eccentric.
2. No woman is eccentric.

Conclusions I. No woman is scholar.
II. All eccentric are men.

- (a) Only conclusion II follows.
(b) Neither conclusion I nor II follows.
(c) Both conclusions I and II follow.
(d) Only conclusion I follows.

45. **Statements :** 1. All students are girls.
2. No girl is dull.

Conclusions I. There are no boys in the class.
II. No students is dull.

- (a) Only conclusion II follows.
(b) Both conclusions I and II follow.
(c) Neither conclusion I nor II follows.
(d) Only conclusion I follows.