GENERAL MENTAL ABILITY TEST QUESTIONS WITH ANSWERS

Directions (1 - 5): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

1. **Problem Figures**
   
   Answer Figures
   
   Ans. (1)

2. **Problem Figures**
   
   Answer Figures
   
   Ans. (2)

3. **Problem Figures**
   
   Answer Figures
   
   Ans. (3)

4. **Problem Figures**
   
   Answer Figures
   
   Ans. (5)

5. **Problem Figures**
   
   Answer Figures
   
   Ans. (4)

Directions (6 - 10): What will come in place of the question mark (?) in the following questions?

6. \[3895 - 1563 + 1089 = ?\]
   
   (1) 3321  
   (2) 3527  
   (3) 3329  
   (4) 3429  
   (5) None of these
   
   Ans. (5)

7. \[45 \times 390 + 26 - ?\]
   
   (1) 645  
   (2) 675  
   (3) 765  
   (4) 745  
   (5) None of these
   
   Ans. (2)

8. \[2.2 \times 5.6 + 17.8 = ?\]
   
   (1) 30.12  
   (2) 30.012  
   (3) 31.12  
   (4) 31.012  
   (5) None of these
   
   Ans. (1)

9. \[358.085 + 42.91 + 25.55 = ?\]
   
   (1) 425.565  
   (2) 426.545  
   (3) 426.555  
   (4) 425.545  
   (5) None of these
   
   Ans. (2)

10. \[140 \% \text{ of } 56 + 56 \% \text{ of } 140 = ?\]
    
    (1) 78.4  
    (2) 158.6  
    (3) 156.6  
    (4) 87.4  
    (5) None of these
    
    Ans. (5)
Directions (11 - 15): Four of the five parts in each question are alike in a certain way and so form a group. Which is the one that does not belong to the group?

11. (1) 7 (2) 14 (3) 21 (4) 28 (5) 35
   Ans. (1)
12. (1) beer (2) deer (3) reindeer (4) bear (5) Kangaroo
   Ans. (1)
13. (1) pen (2) pencil (3) sharpen (4) pencil-box (5) rubber
   Ans. (4)
14. (1) day (2) night (3) noon (4) evening (5) dawn
   Ans. (5)
15. (1) ACE (2) MOQ (3) JHE (4) BDF (5) UWY
   Ans. (3)

Directions (16 - 20): Study the following information carefully and answer the questions given below:
P, Q, R, S, T, V and W are seven students of a college. Each of them has a favourite subject from Physics, Chemistry, English, Biology, History, Geography and Philosophy, not necessarily in the same order. Each of them also has a favourite sport Football, Cricket, Hockey, Volleyball, Badminton, Table Tennis and Basketball, not necessarily in the same order.
R likes Philosophy and his favourite sport is Hockey. The one who likes Football like English. T's favourite sport is not Badminton or Table Tennis. V does not like either History or Biology. The one whose favourite sport is Basketball does not like Physics. W likes Chemistry and his favourite sport is Volleyball. S likes Geography. Q's favourite sport is Badminton V does not like English and his favourite sport is not Basketball. P's favourite sport is Cricket. The one whose favourite sport is Badminton does not like Biology.

16. Which subject does P like?
   (1) History (2) Biology (3) Chemistry (4) Data inadequate (5) None of these
   Ans. (2)

17. Who likes History?
   (1) P (2) R (3) Q (4) V (5) Data inadequate
   Ans. (3)

18. What is O's favorite sport?
   (1) Cricket (2) Table Tennis (3) Football (4) Badminton (5) None of these
   Ans. (4)

19. Whose favourite sport is Basketball?
   (1) S (2) W (3) Q (4) Data inadequate (5) None of these
   Ans. (1)

20. Which subject does T like?
   (1) Biology (2) Physics (3) Chemistry (4) Data inadequate (5) None of these
   Ans. (5)

Direction (21 - 22): The number mentioned against each question is to be coded using the following codes:

Number: 0 2 4 6 8 9 5 3 1 7
Code: L B A M K T R X U P
From the answer choices, find out the correct code for the given number. If none of the codes is correct, mark(5) as the answer.

21. 952481027
   (1) TRBKAULBP (2) TRBAKLBP (3) TRBAKULPB (4) TRBAKULBP (5) None of these
   Ans. (4)
22. 31297584
   (1) XUBTPRMA (2) XUBPRKTA (3) XUBTRPKA (4) XUBPTRKA (5) None of these
   Ans. (5)

Direction (23 - 28): In the following questions, the symbols $, @, © and © are used with the following meanings as illustrated below:

'P $ Q' means 'P is neither equal to nor greater than Q'.
'P @ Q' means 'P is neither equal to nor smaller than Q'.
'P © Q' means 'P is neither greater than nor smaller than Q'.
'P * Q' means 'P is not smaller than Q'.

In each question three statements showing relationship have been given, which are followed by three conclusions I, II and III. Assuming that the given statements are true, find out which conclusion(s) is/are definitely true?
23. Statements:
B©N, N @ R, F * R
Conclusions:
I. B © R
II. F • N
III. R $ B
(1) Only I and II are true
(2) Only I and III are true
(3) Only II and III are true
(4) All I, II and III are true
(5) None of these
Ans. (2)

24. Statements:
D$M, M * B, B8J
Conclusions:
I. J © D
II. B @ D
III. J @ M
(1) Only I and II are true
(2) Only I and III are true
(3) Only II and III are true
(4) All I, II and III are true
(5) None of these
Ans. (2)

25. Statements:
F • T, T $ N, N @ R
Conclusions:
I. R $ T
II. N © F
III. F $ R
(1) None is true
(2) Only I is true
(3) Only II is true
(4) Only III is true
(5) Only II and III are true
Ans. (3)

26. Statements:
W8K, K©F,F$M
Conclusions:
I. M © K
II. W @ F III. F@W
(1) Only I is true
(2) Only II is true
(3) Only III is true
(4) Only II and III are true
(5) None is true
Ans. (5)

27. Statements: M @ D, D 5 K, K © R
Conclusions:
I. R $ M
II. K 5 M
III. K $ M
(1) Only I is true
(2) Only II is true
(3) Only III is true
(4) Only either II or III is true
(5) Only either II or III is true
Ans. (4)

28. Statements: F @ T, T 8 K, K • D
Conclusions:
I. D @ F
II. F @ K
III. DOT
(1) Only II and III are true
(2) Only I and III are true
(3) Only I and II are true
(4) All I, II and III are true
(5) None of these
Ans. (5)

29. How many such pairs of letters are there in the word OVERWHELM each of which has as many letters between them in the word as in the English alphabet?
(1) None
(2) One
(3) Two
(4) Three
(5) More than three
Ans. (5)

30. What should come next in the following letter series?
ACEGIKMOBDFHJLN ACEGIKMBDFHJLA
(1) B
(2) C
(3) F
(4) D
(5) None of these
Ans. (2)

31. In a certain code ORBITAL is written as CSPHMBU. How is CHARGER written in that code?

32. In a certain code, ‘La Lu Le’ means ‘I love you’, ‘La ki Le’ means ‘I and You’. What is the code for love?
(1) La
(2) Lu
(3) Le
(4) ki
(5) Cannot be determined
Ans. (2)

33. Pointing to the man in the photograph, Shyam said, “His son’s father is my father.” How is Shyam related to the man?
(1) Brother
(2) Father
(3) Grandson
(4) Grandfather
(5) Son
Ans. (5)

34. If a meaningful word starting with B can be formed from the letters of ‘HACEB’, then, the middle letter of the word is your answer. If no such word is formed, then your answer is (5).
(1) A
(2) E
(3) C
(4) H
(5) None of these
Ans. (1)

35. In a certain code, ‘GAME’ is written as ‘HZND’. How is ‘RAVI’ coded in this code?
(1) VIAR
(2) SBWJ
(3) SZWJ
(4) IVAR
(5) SZWH
Ans. (5)

Direction (36 – 40) : In the following number series only one number is wrong. Find out the wrong number.
36. 2 3 6 18 109 1944 209952
(1) 3
(2) 6
(3) 18
(4) 109
(5) 1944
Ans. (4)

37. 1 3 6 11 20 39 70
(1) 3
(2) 39
(3) 11
(4) 20
(5) 6
Ans. (2)

38. 2 13 27 113 3369 23581
(1) 13
(2) 27
(3) 113
(4) 561
(5) 3369
Ans. (1)

39. 50 51 47 56 42 65 29
(1) 51
(2) 47
(3) 56
(4) 42
(5) 65
Ans. (4)

40. 3 9 23 497 2881 20159
(1) 9
(2) 23
(3) 99
(4) 479
(5) 2881
Ans. (3)

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