IBPS Office Assistant Pre Mock test

Total: 80 Que.

Time: 45 Min.

Quantitative Aptitude

Directions for Questions 1-10: What value should come in place of the question marks(?) in the following questions?

1). $1084 + 75\%$ of $3540 + (63 \times 15) = ?^2 + 60$
(a) 68
(b) 65
(c) 69
(d) 63
(e) 67

2). 52% of 750 of 59% of $? = 27612$
(a) 115
(b) 120
(c) 123
(d) 117
(e) 119

3). $\sqrt{16^2} + 24.5 \times 20 + 19 \div .5 + \frac{27}{34}$ of $1836 = ? + 1152$
(a) 335
(b) 331
(c) 340
(d) 338
(e) 334

4). $\sqrt{?} = (208 \times 32 \div 256) + 7.25 \times 8$
(a) 7059
(b) 7058
(c) 7056
(d) 7055
(e) 7051

5). $32 \times 72 \times ? = 19^2 \times 24^2 \times 8$
(a) 725
(b) 722

(c) 730
(d) 736
(e) 727

6). $18009 \div 87 \div 9 + 41 = ?^2 \times 4$
(a) 4
(b) 6
(c) 9
(d) 1
(e) 3

7). $(48)^2 \times 9 \div 12 + 27^2 + 41 \times 7 = ?^3$
(a) 15
(b) 9 (c) 21
(d) 17
(e) 14

8). $\sqrt{168 \div 6 + 2^3} + \sqrt{1617 \div 11 + 7^2} + (2052 \div 19) = ? \times 4$
(a) 39
(b) 27
(c) 23
(d) 40
(e) 32

9). $5\frac{3}{13}$ of $195 + \sqrt{24\%$ of $525} + 18 = ? + 398$
(a) 623
(b) 633
(c) 634
(d) 635
(e) 637

10). $40850 - 31411 - 9084 + 1039 = ? + (491 \times 28 \div 14)$
(a) 405
(b) 408
(c) 415
(d) 420
(e) 412

Directions for Questions 11-15: What approximate value should come in place of the question marks(?) in the following questions? (Note : you

are not expected to calculate the exact value.)

11).
$\frac{14}{23}$ of 2231 + (4118.01 ÷ 29.10) =? +(15.09 × 26.91)
(a) 1210
(b) 1011
(c) 1005
(d) 1095
(e) 1201

12). $(116.07)^2 + (52.93)^2 - (97.10)^2 =?^2 + (40.98 × 15.09)$
(a) 76
(b) 75
(c) 83
(d) 71
(e) 79

13). 38% of 2801 + 63% of 1899 + $\sqrt{2120}$ = ?
(a) 2315
(b) 2307
(c) 2320
(d) 2301
(e) 2318

14). $\sqrt{1156}$ ÷ 1.98 + 7.89 × 17 =? +23 × 5.85
(a) 11
(b) 9
(c) 23
(d) 17
(e) 15

15). $\frac{14}{23}$ of $\frac{27}{34}$ of 18.10% of ? = 9072
(a) 104267
(b) 104210
(c) 104310
(d) 104367
(e) 104356

16). 13,19, ? ,133,535,2677
(a) 43
(b) 41
(c) 40
(d) 44
(e) 42

17). 26,40,62,96, ? ,227
(a) 145
(b) 148
(c) 146
(d) 147
(e) 149

18). 108,102,114,96, ? ,90
(a) 115
(b) 118
(c) 120
(d) 123
(e) 127

19). 2730,682.5,195, ? ,26,13
(a) 60
(b) 61
(c) 63
(d) 65
(e) 66

20). 3,5,18, ? ,836,8355
(a) 105
(b) 107
(c) 101
(d) 102
(e) 104

21). What would be the diagonal of a square whose perimeter is equal to the circumference of a circle of radius 21 m
(a) $33\sqrt{2}$ m
(b) $32\sqrt{2}$ m
(c) $31\sqrt{2}$ m
(d) $34\sqrt{2}$ m
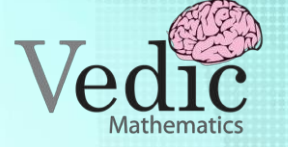
(e) $35\sqrt{2}$ m

(e) $\frac{6}{7}$

22). The difference between Cl and SI on a certain sum of money invested at 18% per annum for 3 years is Rs 2699.4384 . Find the sum invested?

(a) Rs. 26100
(b) Rs. 26000
(c) Rs. 26500
(d) Rs. 26200
(e) Rs. 26300

23). A man can row 18 km upstream and 24 km downstream in 6 hours. He can also row 27 km upstream and 34 km downstream in 8 hours. What is the speed of the man in still water?

(a) 10 kmph
(b) 15 kmph
(c) 8 kmph
(d) 12 kmph
(e) 17 kmph

24). Gaurav sells a printer to Vineet at a loss of 26% and Vineet sells it to Devu at a loss of 13%. If F pays Rs. 7,725.6 for it, at the what price did Gaurav buy it?

(a) Rs 12,400
(b) Rs 12,250
(c) Rs 12,000
(d) Rs 12,500
(e) Rs 12,600

25). A container contains paint and oil in the ratio of 7: 3. How mixture should be taken out and replaced with the oil so that the container contains paint and oil in the ratio of 1: 1 ?

(a) $\frac{3}{7}$
(b) $\frac{4}{7}$
(c) $\frac{8}{7}$
(d) $\frac{5}{7}$

26). There are 3 boys and 4girls. They sit in a row randomly. What is the probability that all the girls do not sit together?

(a) $\frac{33}{37}$
(b) $\frac{31}{37}$
(c) $\frac{31}{34}$
(d) $\frac{32}{35}$
(e) $\frac{31}{35}$

27). If the ratio of the area of two square is 144: 225, find the ratio of their diagonals.

(a) 6: 5
(b) 4: 5
(c) 4: 7
(d) 6: 7
(e) 7: 8

28). In an examination, minimum passing percentage for boys and girls is 42% and 33% respectively. A boys scored 362 marks and passed by 26 marks. What are the minimum passing marks for girls?

(a) 300
(b) 264
(c) 285
(d) 250
(e) 260

29). 20 boys can complete a piece of work in 14 days. 28 girls can complete the same piece of work in 12 days. In how many days can 10 boys and 12 girls together complete the same work?

(a) 14 days
(b) 15 days
(c) 11 days
(d) 17 days
(e) 13 days
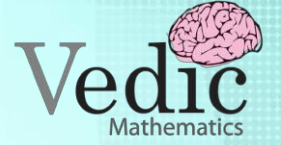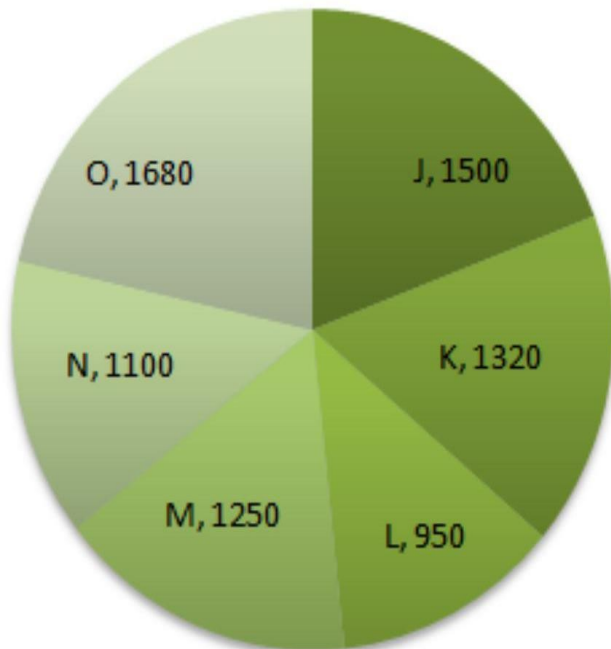
30). The sum of two consecutive number is 2025 . The odd number is;
(a) 1017
(b) 1009
(c) 1011
(d) 1015
(e) 1013

Directions for Questions 31-35: Study the following Pie and bar Chart carefully to answer the given questions.

Data related number of teachers teaching in six different colleges and percentage breakup of female teachers in them

Percentage of female teachers

31). What is the ratio between number of male teachers teaching in college J and K together to number of female teachers teaching in college M and N together?
(a) 744: 107
(b) 739: 109
(c) 107: 744
(d) 109: 739
(e) 11: 19

32). Number of female teachers teaching in college K, L and O together are what percent of number of teachers teaching in college O ?
(a) 29.12%
(b) 32.22%
(c) 27.24%
(d) 35.64%
(e) 37.35%

33). Number of male teachers teaching in college M, N and O together are approximately what percent of number of teachers teaching in college J, K and M together?
(a) 97%
(b) 95%
(c) 93%
(d) 85%
(e) 88%

34). Number of female teachers teaching in college J, K, M and O together are what percent of number of male teachers teaching in college L and N together?
(a) 60.61%
(b) 57.68%
(c) 55.60%
(d) 53.63%
(e) 50.66%

35). What is theaverage number of teachers teaching in college J, K, L, M and N together?
(a) 1222

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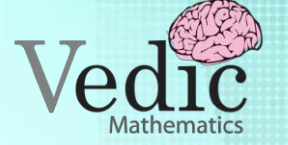
(b) 1225
(c) 1228
(d) 1230
(e) 1224

36). Seema gets a simple interest of Rs 7332 on a certain principal at the rate of 13% per annum in 4 years. What the compound interest will seema get on four times of the principal in two years at the rate of 10% per annum?
(a) Rs 11,844
(b) Rs 11,800
(c) Rs 11,850
(d) Rs 12,000
(e) Rs 11,900

37). The respective ratio between the speeds of jeep and bus is 3: 2. The bus covers 640 km in 8 hours. What is the difference between speeds of jeep and bus?
(a) 80 kmph
(b) 40 kmph
(c) 50 kmph
(d) 55 kmph
(e) 60 kmph

38). A shopkeeper purchased an article for Rs 9100. The shopkeeper sold it allowing 30% discount on the marked price and earned a profit of 25%. What is the marked price of an article?
(a) Rs. 16,320
(b) Rs. 16,300
(c) Rs. 16,250
(d) Rs. 16,200
(e) Rs. 16,100

39). The respective ratio between the speed of scooty and bike is 11: 15. The average speed of scooty and bike is 65 kmph . What is the speed of bike?
(a) 55 kmph
(b) 75 kmph
(c) 70 kmph

(d) 60 kmph
(e) 60kmph

40). A bag contains 6red, 4 grey and 5 white marbles. If 4 marbles are drawn at random. What is the probability that two are red, one is white and one is grey?
(a) $\frac{19}{91}$
(b) $\frac{20}{91}$
(c) $\frac{17}{91}$
(d) $\frac{13}{91}$
(e) $\frac{11}{91}$

Reasoning Ability

Directions for Questions 1-4: Study the given information carefully and answer the given questions.
P is son of O. O is daughter of N. N is married to M. M is sister of J. J is husband of K. L is brother of K. R is brother of Q. Q is son of K.

1). How is L related to R ?
(a) Maternal uncle
(b) Brother
(c) Father
(d) Son
(e) None of these

2). How is Q related to O ?
(a) Sister
(b) Brother
(c) Cousin
(d) Aunt
(e) CND

3). Who is the maternal grandmother of P ?
(a) K
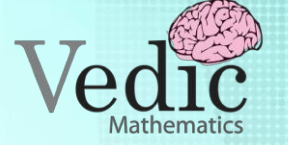
(b) M
(c) K or M
(d) Cannot Determined
(e) None of these

4). How is K related to M ?
(a) Brother in law
(b) Sister in law
(c) Mother
(d) Sister
(e) None of these

5). How many meaningful English words can be formed with the letters 'INGHT' using all letters, but each letter only once in each word?
(a) One
(b) Two
(c) Three
(d) Four
(e) Five

Directions for Questions 6-10: In each of the following questions, assuming the given statement to be true, Find which of the following two conclusion I and II is/ are definitely true. Give answer:

6). Statements - P ≥ X, X = W, W ≤ V < T, T ≤ Q = R
Conclusion I-P ≥ T
Conclusion II-X<R
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either I or II is true.
(d) If neither I nor II is true.
(e) If both I and II are true

7). Statements - G > H = I, I ≥ W ≤ X, X < A ≤ B
Conclusions I-G > X
Conclusion II-I ≥ B
(a) If only conclusion I is true.
(b) If only conclusion II is true.

(c) If either I or II is true.
(d) If neither I nor II is true.
(e) If both I and II are true

8). Statements - A > F ≥ G, I ≥ H ≤ G, I < J = K
Conclusions I-A > H
Conclusion II-K > H
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either I or II is true.
(d) If neither I nor II is true.
(e) If both I and II are true

9). Statements - J ≥ K < L = M ≥ P = Q
Conclusion I - J ≥ M
Conclusion II - K < Q
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either I or II is true.
(d) If neither I nor II is true.
(e) If both I and II are true

10). Statements - T < Q ≤ R, C ≥ A < D = G, G ≤ T
Conclusion I-C ≥ T
Conclusion II - A < R
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either I or II is true.
(d) If neither I nor II is true.
(e) If both I and II are true

Directions for Questions 11-15: Study the following information carefully and answer the question given below:
Durga, Aarti, Meera, Manju, Kareena, Tabu, Rupa and Payal are sitting around a circle facing outside. Durga is second to the left of Manju. Rupa is third to the right of Kareena and is second to the left of Meera. Tabu is second to the right of Aarti who is an immediate right of Manju. Kareena is an immediate neighbor of Aarti.

11). Who among the following sits between Payal and Durga?
(a) Meera
(b) Kareena
(c) Rupa
(d) Aarti
(e) None of these

12). Who is fifth to the left of Manju?
(a) Rupa
(b) Payal
(c) Tabu
(d) Kareena
(e) None of these

13). Who among the following is an immediate neighbor of Meera?
(a) Durga, Rupa
(b) Manju, Kareena
(c) Durga, Tabu
(d) Durga, Manju
(e) None of these

14). Who is fourth to the right of Aarti?
(a) Rupa
(b) Durga
(c) Payal
(d) Kareena
(e) None of these

15). What is Payal's position with respect to Aarti?
(a) Fifth to the left
(b) Third to the left
(c) Fourth to the left
(d) Second to the left
(e) Immediate right

Directions for Questions 16-20: Read the following information carefully and answer the question given below:
Eight persons D, E, F, G, W, X, Y and Z are sitting around a square table in such a way that four of them sit at four corners of the square table while four sit in middle of each of the four sides. The ones who sit at the four corners face centre while those who sit in the middle of the sides face the outside. Z is third to the left of D . D does not sit at any of the middle. W is second to the right of Y. D is second to the left of F who is an immediate right of Y. E is third to the right of X. X does not sit at any of the corners.

16). Who is third to the right of G ?
(a) D (b) W (c) F (d) Y (e) None of these

17). What is the position of E with respect to W ?
(a) Third to the left
(b) Third to the right
(c) Second to the right
(d) Fourth to the left
(e) Fourth to the right

18). Who is an immediate right of W ?
(a) D (b) X (c) F (d) Y (e) None of these

19). How many persons are sitting between F and E ?
(a) Four
(b) Two
(c) Three
(d) One
(e) None of these

20). Who is fifth to the left of Z ?
(a) D
(b) W
(c) F
(d) D or W
(e) None of these

Directions for Questions 21-25: In each question below are three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be
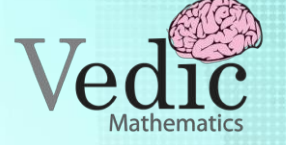
at variance from commonly facts and then decide which of the given conclusions logically follows from the given statements.

21). Statements -
I- Some snake are turtle.
II- All turtle are ant.
III- Some ant are jackal.
Conclusions -
I - Some ant are snake.
II - All jackal being turtle is a possibility.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follows.

22). Statements -
I- All donkey are horse.
II- Some horse are camel.
III- All camel are elephant.
Conclusions -
I - Some donkey are camel.
II - Some elephant are donkey.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follows.

23). Statements -
I- Some swan are kite.
II- No kite is crane.
III- Some crane are crow.
Conclusions -
I - Some swan are not crow.
II - Some crow are kite.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follows.

24). Statements -
I- All sapodilla are papaya.
II- All apricot are papaya.
III- Some papaya are avocado.
Conclusions -
1 - Some avocado are apricot.
II - Some sapodilla are avocado.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follows.

25). Statements -
I- Some snake are jackal.
II- All jackal are turtle.
III- All turtle are ant.
Conclusions -
I - Some jackal are ant.
II - Some ant are snake.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follows.

Directions for Questions 26-30: Read the following passage carefully and answer the question given below it -
Nine persons A, B, C, E, G, K, L, N and O lives on separate floor of an 9 floor building, But not necessarily in the same order. Ground floor is numbered 1, first floor is numbered 2 and so on until the topmost floor is numbered 9. Only three persons live between O and C . A lives on lowermost floor. E lives on an immediately below B. K lives on an immediately above L and immediately below G . N lives on fifth floor. A lives on an immediately below C . Only two persons live between *A* and *B*.

26). Who among the following lives on floor number 6 ?
(a) O
(b) B
(c) C
(d) G
(e) None of these

27). How many person lives between the floor on which G and E live?
(a) One
(b) Two
(c) Three
(d) Four
(e) Five

28). Who lives on the floor immediately above N ?
(a) B (b) G (c) O (d) O or B (e) None of these

29). Who among the following lives on floor number 8?
(a) G (b) K (c) L (d) E (e) None of these

30). Who lives on the floor immediately below L ?
(a) O (b) N (c) B (d) N or B (e) None of these

Directions for Questions 31-35: Study the following arrangement carefully and answer the question given below:
@, 1, S, A, G, P, R, T, #, 4, U, 5, V, Y, Z, %, 6, I, 7, B, C, D, Q, 8, E, 9, W, X, $, +, H, 3, O, 2, M, N, 0, K, &, J, L

31). How many such vowels are there in the above arrangement each of which is immediately preceded by an even number and also immediately followed by an odd number?
(a) Three
(b) Four

(c) One
(d) Two
(e) Five

32). Four of the following five are alike in a certain way based on their positions in the given arrangement and so form a group. Which is the one that does not belong to that group?
(a) GR4
(b) @SP
(c) Z67
(d) QEX
(e) $W$$3

33). How many such consonants are there in the above arrangement each of which is immediately preceded by an vowel and also immediately followed by a consonant?
(a) One
(b) Four
(c) Three
(d) Two
(e) None of these

34). Which of the following is twenty to the left of ninth from the right end?
(a) ∪
(b) 5
(c) Y
(d) Z
(e) V

35). Which of the following is eighteenth to the left of forty from the left end?
(a) B
(b) C
(c) D
(d) Q
(e)

Directions for Questions 36-38: In a certain code ' Apple is good fruit' is written as ' ta, la, pi, ze ',' Fruit is good for health is written as ' ta, ze, ga, yi, pi', ' Good health made by fruit is written as ' ga, ze, ci, be, pi',' We must eat a fruit is written as ' de, na, me, pi, qe'.

(a) One
(b) Two
(c) Three
(d) Four
(e) Five

36). What is the code for 'fruit'?
(a) Ze
(b) Pi
(c) Na
(d) De
(e) Ta

37). What is the code for 'good'?
(a) La
(b) Ta
(c) Ze
(d) Ga
(e) Be

38). What is the code for 'apple'?
(a) Ta
(b) La
(c) Yi
(d) Ga
(e) None of these

39). In a certain code language, "TORTOISE" is written as UQUXNGPA. How is TEACHERS written in that code?
(a) UGDGGCOP
(b) UHDGGBCOP
(c) UGDGGCOO
(d) UHDGGBOO
(e) None of these

40). How many such pairs of letters are there in the word 'MORNING' each of which has as many letters between them in the word (in both forward and backward direction) as they have between them in English alphabetical series: