spardhaguru2022   **Spardhaguru** Current affairs   Spardhaguru1
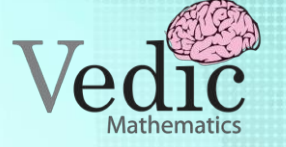
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IBPS Office Assistant Pre Mock test

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). $\frac{11}{21}$ of $\frac{63}{88}$ of 16% of 5300 + $\sqrt{28^2 + 15 \times 16}$ = ? +189

(a) 161

(b) 164

(c) 165

(d) 157

(e) 155

2). . $4 + 88.08 + 4.44 + 16.72 + 5454 = ? + 2326.41$

(a) 3235.12

(b) 3237.23

(c) 3233.56

(d) 3240.12

(e) 3239.21

3). $3218 - 74 \times 83 + 23^2 = ? - 5412$

(a) 3015

(b) 3020

(c) 3013

(d) 3019

(e) 3017

4). $\sqrt[3]{2456 + 31^2 + 97 \times 7} \times 9 = ?^2$

(a) 11

(b) 14

(c) 12

(d) 10

(e) 13

5). 43% of $4384 + 82\%$ of $3198 - 56\%$ of $2872 = ?$

(a) 2901.32

(b) 2899.16

(c) 2893.12

(d) 2895.65

(e) 2896.75

6). $16\frac{5}{9} + 27\frac{7}{18} - 40\frac{5}{36} = ?$

(a) $3\frac{29}{36}$

(b) $4\frac{29}{36}$

(c) $5\frac{29}{36}$

(d) $6\frac{29}{36}$

(e) $2\frac{29}{36}$

7). $6\frac{4}{19}$ of 36% of $49400 + (3726 \div 46) = ?^2 + 109373$

(a) 37

(b) 38

(c) 35

(d) 31 (e) 3

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8). $\dfrac{391+17+\sqrt{7}}{\frac{1}{6}\text{ of }1008-7^2} = 856 \div 428$

(a) 10620

(b) 10615

(c) 10816

(d) 10404

(e) 10609

9). $\left(\dfrac{11}{26} - \dfrac{7}{52}\right) \times ?^2 = 195$

(a) 23

(b) 24

(c) 26

(d) 27 (e) 25

10). $13126 - 7409 + 1874 - (72\% \text{ of } 8900) = ?$

(a) 1184

(b) 1185

(c) 1188

(d) 1190

(e) 1183

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). $4859.98 - 76.03 \times 62.89 + (39.02)^2 = ? + 231.93$

(a) 1426

(b) 1419

(c) 1412

(d) 1361

(e) 1301

12). $16 \times 29.03 \times ? = (48.91)^2 + (53.04)^2 + 358$

(a) 43

(b) 44

(c) 52

(d) 38

(e) 12

13). $\sqrt{10820} \div 3.98 + 53\% \text{ of } 2399.88 = ? + 109$

(a) 1272

(b) 1189

(c) 1123

(d) 1131

(e) 1126

14). $4589.04 + 5812.11 - 6543.93 = ? + 2812.09$

(a) 980

(b) 982

(c) 1112

(d) 1098

(e) 1045

15). $63.99\% \text{ of } 29.87\% \text{ of } 33000 + \sqrt{12770} = ? + (21.83 \times 37.04)$

(a) 5635

(b) 5587

(c) 5689

(d) 5574

(e) 5578

(d) 29 (e) 31

Directions for Questions 16-20: What will come at the place of question mark (?) in the following number series?

16). 144,200, ? ,288,320,344

(a) 248

(b) 249

(c) 250

(d) 247

(e) 246

17). 1236,724,773, ? ,582,518

(a) 555

(b) 557

(c) 556

(d) 558

(e) 559

18). 104, ? ,121,202,458,1083

(a) 104

(b) 106

(c) 105

(d) 103

(e) 107

19). 107,54,55,28, ? ,15

(a) 27

(b) 30

(c) 28

20). 212, 224, ?, 276, 312, 352

(a) 246

(b) 244

(c) 245

(d) 247

(e) 248

21). The diameter of a circle is equal to the area of a square whose perimeter is 56 cm . What is the circumference of the circle?

(a) 616 cm

(b) 620 cm

(c) 622 cm

(d) 615 cm

(e) 612 cm

22). The difference between Cl and Sl on a certain sum of money invested at 12% per annum for 2 years is Rs 1152 . Find the sum invested?

(a) Rs 80,200

(b) Rs 80,000

(c) Rs 85,000

(d) Rs 85,500

(e) Rs 80,500

23). 11% of a number is more than its 32% by 344 . What is 39% of that number?

(a) 312

(b) 315

(c) 310

(d) 309

(e) 314

24). Mukesh, Grish and Atul invested Rs 20,000 , Rs 23,000 and Rs 27,000 respectively to start a business. At the end of the year, They earned a profit of Rs 17,850. What will be Atul's share in the total profit?

(a) Rs 6850

(b) Rs 6800

(c) Rs 6880

(d) Rs 6885

(e) Rs 6900

25). The respective ratio of milk and water in the mixture is 5: 4 respectively. If 20 I of milk is added to this mixture, the respective ratio of milk and water becomes 3: 2. What is the original quantity of water in the original mixture?

(a) 841

(b) 801

(c) 881

(d) 861

(e) 821

26). A motorboat running downstream covers a distance of 54 km in 6 hours. While coming back upstream the motorboat take 9 hours to cover the same distance. What is the speed of boat?

(a) 7.5 kmph

(b) 4.5 kmph

(c) 1.5 kmph

(d) 6.2 kmph

(e) 3 kmph

27). If an examination it is required to get 38% of the maximum marks to pass. Tarun got 299 marks and declared failed by 81 marks. The maximum marks are?

(a) 1100

(b) 1050

(c) 1000

(d) 900

(e) 950

28). Raj invested an amount of Rs 21500 in fixed deposit at compound interest at 20% per annum for 3 years. What amount Raj will get?

(a) Rs 37150

(b) Rs 37152

(c) Rs 37100

(d) Rs 37200

(e) Rs 37180

29). In how many different ways can the letter of word "SUNDAY" be arranged.

(a) 2520

(b) 720

(c) 120

(d) 360
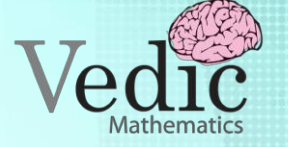
(e) 5040

(d) 56.12%

(e) 49.45%

30). The sum of digits of a two-digit number is 9 and the difference between the two digits of the two digit number is 1 . What is the two-digit number?

(a) 41

(b) 48

(c) 43

(d) 45

(e) 38

32). What is the percentage decrease in number of T-shirts manufactured by company W in 2007 as compared to the previous year?
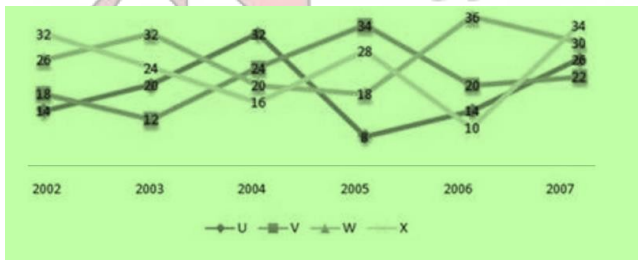
(a) 19.12%

(b) 20.23%

(c) 18.56%

(d) 16.67%

(e) 12.23%

Directions for Questions 31-35: Study the following Line Chart carefully to answer the given questions. Data related number of T- shirts manufactured by four different companies over the year (in thousands)

31). Number of T-shirts manufactured by company *U* and *V* together in 2002 is what percent of number of T-shirts manufactured by company X in 2005 and 2007 together?

(a) 48.36%

(b) 54.12%

(c) 51.61%

33). What is the difference between number of T-shirts manufactured by company U, V and X together in 2007 and number of T-shirts manufactured by company W in 2003, 2004 and 2005 together?

(a) 12,000

(b) 11,950

(c) 12,200

(d) 12,500

(e) 12,250

34). What is the percentage increase in number of T-shirts manufactured by company V in 2005 as compared to the previous year?

(a) 35.68%

(b) 48.45%

(c) 3856%

(d) 44.12%
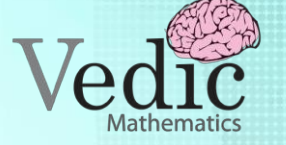
(e) 41.67%

35). What is the ratio between number of T-shirts manufactured by company U and W together in 2006 to number of T-shirts manufactured by company V and X together in 2005?

(a) 15: 28

(b) 25: 31

(c) 28: 15

(d) 31: 25

(e) 9: 17

36). A box contains 5 white, 7 black and 8 red balls. If 2 balls are picked at random. What is the probability that both are black?

(a) $\frac{21}{190}$

(b) $\frac{23}{190}$

(c) $\frac{21}{191}$

(d) $\frac{23}{191}$

(e) $\frac{21}{193}$

37). 18 children complete a work in 15 days. How many days will be required to complete the same work by 30 children?

(a) 8 days

(b) 10 days

(c) 12 days

(d) 7 days

(e) 9days

38). The difference between the present ages of Ronak and Golu is 10 years. Twenty years ago, The ratio of their ages was 4 : 3 respectively. What is Golu's present age?

(a) 55 years

(b) 52 years

(c) 53 years

(d) 50 years

(e) 57 years

39). The base of a triangle is 80 cm and height is 50 cm . The height of another triangle of 2 times of the area having base 100 cm is;

(a) 90 cm

(b) 75 cm

(c) 70 cm

(d) 85 cm

(e) 80 cm

40). A box contains 5 white, 7 black and 8 red balls. If 3 balls are picked at random. What is the probability that none is white?

(a) $\frac{91}{228}$

(b) $\frac{89}{228}$

(c) $\frac{91}{229}$

(d) $\frac{87}{229}$

(e) $\frac{93}{229}$
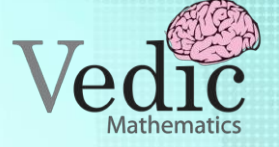
Reasoning Ability

Directions for Questions 1-4: Study the given information carefully and answer the given questions.

P is father of *A*. *A* is husband of *B*. *I* is son of *B*. *J* is son of *I*. *F* is married to *E*. *E* is brother of *D*. *D* is sister of *C*. *C* is brother of *A*. *H* is sister of *G*. *G* is son of *F*.

1). Who is the great grandfather of *J* ?
(a) P (b) E
(c) G
(d) G or E
(e) None of these

2). How is *B* related of *D* ?
(a) Mother
(b) Daughter
(c) Sister in law
(d) Aunt
(e) CND

3). How is H related to P ?
(a) Granddaughter
(b) Niece
(c) Sister
(d) Daughter
(e) None of these

4). How is E related to I?
(a) Father
(b) Uncle
(c) Brother
(d) Son
(e) None of these

5). Shekhar is twelfth from the left end in a row 40 boys and Rajat is thirty-fourth from the right end in the same row. How many boys are there between them in the row?
(a) One
(b) Two
(c) Three
(d) Four
(e) Five

6). Statements - Raj > Mahesh = Lokesh, Vineet ≥ Gaurav > Lokesh ≤ Devu
Conclusion I - Mahesh < Vineet
Conclusion II - Raj > Devu
(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 - A ≥ B > C, F ≥ E < D > B ≥ G = H
Conclusions I - A ≥ F
Conclusion II - H > C
(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 - Z < Y ≤ X, X = W, W ≤ V ≤ U

Conclusions I-Z < V

Conclusion II - U ≥ Y

(a) If only conclusion I is true.
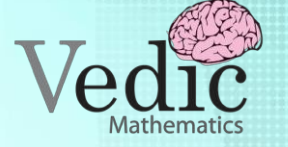
(b) If only conclusion II is true.

(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 - P = Q > R ≤ F > T = U

Conclusion I-P > F

Conclusion II - Q > U

(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 - F ≤ G, G = H < I, I ≥ J = K

Conclusion I - G < K

Conclusion II-I > F

(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:

Lokesh, Mahesh, Rakesh, Gaurav, Lalu, Nitish, Suresh, Arun and Tarun are sitting around a circular table facing at the centre. Lokesh is second to the right of Mahesh who is fourth to the left of Arun. Gaurav is an immediate left of Nitish. Arun is second to the left of Lalu. Rakesh is an immediate neighbor of Manish. Tarun is second to the right of Suresh.

11). Who is fourth to the right of Suresh?

(a) Arun

(b) Lalu

(c) Gaurav

(d) Nitish

(e) None of these

12). Who among the following sits between Rakesh and Suresh?

(a) Lokesh

(b) Lalu

(c) Nitish

(d) Arun

(e) Gaurav
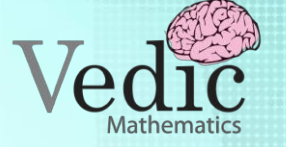
13). Who among the following is an immediate neighbor of Tarun?

(a) Arun, Gaurav

(b) Lalu, Gaurav

(c) Arun, Lalu

(d) Arun, Lokesh

(e) None of these

14). How many persons are sitting between Rakesh and Gaurav. If we count clockwise from Rakesh to Gaurav?

(a) One

(b) Two

(c) Three

(d) Four

(e) None of these

15). Who is fifth to the left of Nitish?

(a) Suresh

(b) Tarun

(c) Lalu

(d) Arun

(e) Gaurav

Directions for Questions 16-20: Read the following information carefully and answer the question given below:

A, C, D, E, P, Q, S and T are seated in a straight line facing north. Five persons sit between P and C. P sit at one of the extreme end of line. S is second to the right of C. Q is fourth to the left of T. A is an immediate right of E. T is an immediate right of S.

16). What is the position of T with respect to C ?

(a) Second to the left

(b) Third to the right

(c) Second to the right

(d) Fourth to the left

(e) None of these

17). Which of the following represents the person seated at the extreme left end of line?

(a) Q

(b) D

(c) C

(d) E

(e) T

18). How many persons are seated between A and D ?

(a) One

(b) Two

(c) Three

(d) Four

(e) None of these

19). Who is third to the right of S ?

(a) P (b) A

(c) E

(d) Q
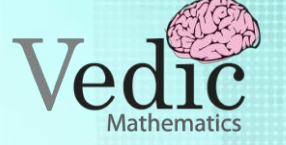
(e) None of these

20). Who is fifth to the left of *E* ?

(a) D

(b) C

(c) P

(d) Q

(e) *S*

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 rats are cats.

II- Some cats are dogs.

III- No dog is tiger.

Conclusions -

I - Some dog are not rat is a possibility.

II - Some cats are not tigers.

(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 trees are forests.

II- Some forests are roads.

III- All roads are hills.

Conclusions -

I - All hills being trees is a possibility.

II - All forests being roads 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.

23). Statements -

I- No date is time.

II- All times are days.

III- Some nights are days.

Conclusions -

I - Some days are not dates.

II - Some times are nights.

(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- No key is lock.

II- No spoon is lock.

III- Some locks are bowls.

Conclusions -

I - Some bowls are keys.

II - Some bowls are spoons.

(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- No pen is paper.

II- All papers are books.

III- All books are folders.

Conclusions -

I - Some pens are books.

II - All papers are folders.

(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.

26). D works in which of the following company?

(a) AWC

(b) TCS

(c) Wipro

(d) Wipro or TCS

(e) None of these

27). F uses which of the following car?

(a) Accent

(b) Swift

(c) Santro

(d) I 10

(e) None of these

28). I works in which of the following company?

(a) TCS

(b) AWC

(c) Wipro

(d) Wipro or AWC

(e) None of these

29). Which of the following uses Accent?

(a) I

(b) F

(c) D

(d) H

(e) None of these

30). Which of the following combinations is correct?

(a) D - TCS - I10

(b) F - LG - Accent

(c) I - Wipro - Santro

(d) H - AWC - Santro

(e) None of these

31). How many such symbols are there in the above arrangement each of which is immediately preceded by a vowel and also immediately followed by a even number?

(a) Three

(b) Four
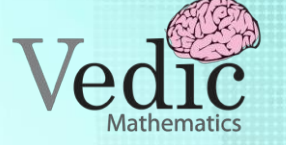
(c) One

(d) Two

(e) Five

32). Which of the following is fourteenth to the right of thirty-fourth from the right end?

(a) T

(b) !

(c) V

(d) W

(e) S

33). 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) PY@

(b) XDC

(c) Q4S

(d) TVI

(e) FHJ

34). Which of the following is fifteenth to the right of tenth from the left end?

(a) 6

(b) $

(c) |

(d) &

(e) 3

35). If all numbers and vowels are dropped from the above arrangement, which of the following will be tenth from the left end of the above arrangement?

(a) #

(b) A (c) 1

(d) $

(e) H

36). In a certain code "PRINTER" is written as QTLNSCO. How is FRIENDS written in that code?

(a) "GTLEMBP"

(b) "GULEMBP"

(c) "GTLEMAP"

(d) "GULEMAP"

(e) None of these

37). Vineet walked 50 m towards south, took left turn and walked 30 m . He took a left turn and walked 25 m . He took a right turn and walked 20 m . He again took a left turn and walked 25 m . How far was he from the starting point?

(a) 30 m

(b) 15 m

(c) 60 m

(d) 40 m

(e) 50 m

38). Vineet walked 50 m towards south, took left turn and walked 30 m . He took a left turn and
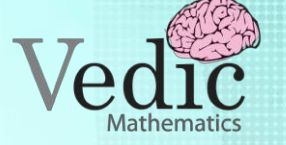
walked 25 m . He took a right turn and walked 20 m

. He again took a left turn and walked 25 m .

In which direction is he moving now?

(a) South

(b) East

(c) West

(d) North

(e) None of these

39). How many meaningful words can be formed

with the letters 'AERD' using all the letters, but,

each letter only once in each word?

(a) One

(b) Two

(c) Three

(d) Four

(e) None of these

40). How many such pairs of letters are there in the

word 'PERCENTAGE' 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:

(a) One

(b) Two

(c) Three

(d) Four

(e) Five