

AFCAT – 1/2020

DAY – 15

- 1) The HCF and LCM of two numbers are 44 and 264 respectively. If the first number is divided by 2, the quotient is 44, The other number is
- 147
 - 528
 - 132
 - 264
- 2) The average of 25 consecutive odd integer is 55. The highest of these integers is
- 79
 - 105
 - 155
 - 109
- 3) The smallest integer, which subtracted from both the terms of 6:7 gives a ratio less than 16:21, is
- 5
 - 4
 - 3
 - 2
- 4) If the sales tax be reduced from $3\frac{1}{2}\%$ to $3\frac{1}{13}\%$. What difference does it make to a person who purchases an article whose marked price is Rs 8400? (In Rs)
- 20
 - 15
 - 14
 - 10
- 5) Manoj deposited Rs 29400 for 6 years at a simple interest. He got Rs 4200 as interest after 6 years. The annual rate of interest was
- $2\frac{8}{21}\%$
 - $2\frac{7}{20}\%$
 - $3\frac{8}{21}\%$
 - $4\frac{8}{21}\%$
- 6) A sum of Rs 3200 invested at 10 % p.a, compounded quarterly amounts to Rs 3362. Compute the time period
- $\frac{1}{2}$ year
 - 1 year
 - 2 years
 - $\frac{3}{4}$ years
- 7) 15 men take 20 days to complete a job working 8 hours a day. The number of hours a day should 20 men take to complete the job in 12 days
- 5 hours
 - 10 hours
 - 15 hours
 - 18 hours

8) A water tap fills a tub in 'P' hours and a sink at the bottom empties it in 'Q' hours. If $P < Q$ and both the tap and sink are open, the tank is filled in 'R' hours, Then

a) $\frac{1}{R} = \frac{1}{P} + \frac{1}{Q}$

b) $\frac{1}{R} = \frac{1}{P} - \frac{1}{Q}$

c) $R = P + Q$

d) $R = P - Q$

9) The length of a train and that of a platform are equal. If with a speed of 90 Km/hr the train crosses the platform in one minute, then the length of the train (In metres) is

a) 500

b) 600

c) 750

d) 900

10) A is 7 years older than B. After 4 years, age of B will be half of that of A. The sum of their present ages (in years) is

a) 19

b) 17

c) 15

d) 13

For the following questions, choose the correct alternative out of the four.

11) For a child, a blow _____ Self-esteem is a terrible thing.

a) Of

b) With

c) To

d) On

12) The Chairman is ill and we'll have to _____ the meeting for a few days.

a) Put on

b) Put off

c) Put away

d) Put of

13) He is very good _____ making stories.

a) In

b) About

c) At

d) For

14) The Principal called _____ an explanation from the clerk.

a) On

b) Out

c) For

d) In

15) It is our duty to get _____ the truth.

a) To

b) Over

c) Into

a) At

16) I gave him congratulation _____ his success.

a) For

b) On

c) To

d) About

ACTIVE VOICE/ PASSIVE VOICE

17) Open the door

- a) The door must be opened
- b) The door will be opened
- c) The door is opened
- d) Let the door be opened

18) I did not trust anybody

- a) Nobody was trusted by me
- b) Anybody has been trusted by me
- c) Nobody would be trusted by me
- d) Nobody has been trusted by me

DIRECT/ INDIRECT FORM

19) Hurray! I have won

- a) He exclaimed with joy that he had won.
- b) He told with joy that he had won
- c) He said with joy that he had won.
- d) None of the above

20) He said that he goes for a walk every morning

- a) He said, "I went for a walk every morning".
- b) He said, "I go for walk every morning".
- c) He said, "I will go for walk every morning".
- d) He said, "He go for a walk every morning".

21) P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre: P is second to the right of T who is the neighbour of R and V. S is not the neighbour of P. V is the neighbour of U. Q is not between S and W. W is not between U and S.

Which one is immediate right to the V if the position of S and U are interchanged?

- a) P
- b) U
- c) T
- d) R
- e) None of these

22) Below given a series of some five numbers:

446 362 576 495 241

Answer the following questions based on these numbers:

If the middle digit in all the numbers is removed, then which of the following number will be minimum?

- a) 446
- b) 362
- c) 576
- d) 495
- e) 241



23) In each of the following questions find out the alternative which will replace the question mark.

Rigid:Broken:Admiration: ?

- a) Jovial
- b) Disrespect
- c) Repentance
- d) Chide
- e) None of these

24) Five persons F, M, K, J, E are sitting in a straight row, not necessarily in the same order. M do not sit in the middle and is the immediate left of J. F and J occupy the extreme positions. K sits between F and E.

If the position of K and J are interchanged, which of the following option denotes the first two people?

- a) EJ
- b) FK
- c) FE
- d) ME
- e) FJ

25) Based on the given statement and few conclusions, choose the right statement which gives the correct conclusions.

Statements:

- A. Some fruits are mangos.
- B. All mangos are guavas.
- C. No guava is a banana.

Conclusions:

- 1. All guavas are fruits.
- 2. Some guavas are fruits

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or conclusion II follows.
- d) If both conclusions I and II follows.
- e) None of these

26) Find the letter in the 12th position when the alphabets are written in alphabetical order

- a) L
- b) N
- c) O
- d) P
- e) None of these

27) In each of the following questions find out the alternative which will replace the question mark.

Giraffes:bleat:Parrots:

- a) Growl
- b) Chirp/creak
- c) Squawk
- d) Wail
- e) None of these

28) Find the odd one out

- a) Mountain
- b) Valley
- c) Glacier
- d) Coast
- e) None of these



29) R, U, X, A, D, ?

- a) F
- b) G
- c) H
- d) I
- e) None of these

30) If REASON is coded as 5 and BELIEVED as 7, what is the code for GOVERNMENT?

- a) 6
- b) 8
- c) 9
- d) 10
- e) 12

ALL THE BEST

JAI HIND

