

AFCAT – 1/2020

DAY – 11

- 1) If $A : B = 1 : 2$, $B : C = 3 : 4$, $C : D = 2 : 3$ and $D : E = 3 : 4$, then what is $B : E$ equal to?
- a) 3 : 2
b) 1 : 8
c) 3 : 8
d) 4 : 1
- 2) What is the value of $\frac{1.001 \times 1.001 \times 1.001 + 0.999 \times 0.999 \times 0.999}{1.001 \times 1.001 - 1.001 \times 0.999 + 0.999 \times 0.999}$?
- a) 1
b) 2
c) 3
d) 4
- 3) If $X:Y$ be the ratio of two whole numbers and Z be their HCF, then the LCM of those two numbers is
- a) YZ
b) $\frac{XZ}{Y}$
c) $\frac{XY}{Z}$
d) XYZ
e) None of these
- 4) Two numbers are respectively $12\left(\frac{1}{2}\right)\%$ and 25% more than a third number. The first number is what percentage of second number.
- a) 50
b) 60
c) 75
- d) 90
e) 25
- 5) A can lay railway track between two given stations in 16 days and B can do the same job in 12 days, with help of C, they did the job in 4 days only. Then, C alone can do the job in:
- a) $9\frac{1}{5}$ days
b) $9\frac{2}{5}$ days
c) $9\frac{3}{5}$ days
d) 10 days
e) None of these
- 6) A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
- a) 12 days
b) 15 days
c) 16 days
d) 18 days
e) None of these
- 7) A can do a piece of work in 30 days while B can do it in 40 days. In how many days can A and B working together do it?
- a) $42\frac{3}{4}$ days
b) $27\frac{1}{7}$ days

- c) $17\frac{1}{7}$ days
d) 70 days
- 8) **Raj travels from Chennai to Mumbai by car and returns from Mumbai to Chennai by bike in 14 hours. If he travels both ways by car he saves 6 hours. What is the time taken to cover both ways by bike?**
a) 10 hours
b) 15 hours
c) 20 hours
d) 25 hours
- 9) **How much time will a train of length 400 m moving at a speed of 144 km/hr take to cross another train of length 600 m, moving at 72 km/hr in the same direction?**
a) 50 seconds
b) 40 seconds
c) 25 seconds
d) 65 seconds
- 10) **Out of 12 employs of a bank, one retires and in his place, a new employee of age 24 years joins. As a result the average age of employee reduces by 4 years. The age of the retired employ is**
a) 72
b) 62
c) 64
d) 71
- 11) **Select the meaning of the given phrase.**
ALL GREEK
a) Totally Classical
b) Totally unintelligible
c) Totally impressive
d) Totally original
- 12) **Choose the correctly spelt word**
a) Reharsal
b) Rehersal
c) Rehearsal
d) Rehearsel
- 13) **Select the word which means the opposite of the given word**
MUTUAL
a) Reciprocal
b) Agreed
c) Common
d) Conjugal
- 14) **Select the meaning of the given phrase.**
Nib in the bud
a) Destroy in the beginning
b) Extremely good start
c) Striving from the beginning
d) Nurture the bud to grow into flower
- 15) **Choose the correctly spelt word**
a) Properetry
b) Propriatory
c) Proprietary
d) proprietary

In each of the following questions (16 – 18), select the related word from the given alternatives.

16) Flexible: Rigid:: Confidence:?

- a) Diffidence
- b) Indifference
- c) Cowardice
- d) Scare

17) Mirage : Desert::?

- a) Sky : Illusion
- b) Rainbow : Sky
- c) Rain : Rainbow
- d) Image : Mirror

18) Influenza : Virus :: Ringworm : ?

- a) Bacteria
- b) Fungi
- c) Parasite
- d) Protozoa

19) Find the odd one out

- a) Fastidious
- b) Firm
- c) Grave
- d) Agreeable

20) Find the odd one out

- a) Rooster
- b) Buck
- c) Gander
- d) Peahen

ALL THE BEST

JAI HIND

