



AFCAT – 1/2020

DAY – 10

- 1) Of the three numbers, the first is 4 times the second and 3 times the 3 times the third. If the average of all the three numbers is 95, what is the third number?
- a) 60
b) 76
c) 130
d) 57
- 2) A father is 20 years older than his son. After 5 years he will be 3 times in age to his son, then their present age is:
- a) 3 years, 27 years
b) 5 years, 25 years
c) 6 years, 36 years
d) 7 years, 49 years
- 3) If a man walks at a rate of 5km/hr he misses a train by 7 minutes. However if he walks at the rate of 6km/hr he reaches the station 5 minutes before arrival of the train. The distance covered by him to reach the station is
- a) 5 km
b) 6 km
c) 4 km
d) 6.25 km
- 4)
$$\frac{854 \times 854 \times 854 - 276 \times 276 \times 276}{854 \times 854 + 854 \times 276 + 276 \times 276}$$
- a) 1130
b) 578
- c) 565
d) 1156
- 5) 12 men or 18 women can reap a field in 14 days, 8 men and 16 women can reap the same field in
- a) 6 days
b) 3 days
c) 10 days
d) 9 days
- 6) The maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets same number of pens and same number of pencils is
- a) 91
b) 910
c) 1001
d) 1911
e) None of these
- 7) The LCM of four consecutive numbers is 60. The sum of the first two numbers is equal to the fourth number. What is the sum of four numbers?
- a) 17
b) 14
c) 21
d) 24
e) None of these



- 8) Mr X spends 20% of his monthly income on household expenditure. Out of the remaining, he spends 25% on children's expenditure, 15% on transport, 15% on medicine and 10% on entertainment. He is left with Rs. 9800 after incurring all these expenditure. What is his monthly income?
- 50 litres
 - 75 litres
 - 100 litres
 - 125 litres
- 9) If 'X' is multiplied by 6 and 9 is subtracted from the product the result is the same as when 'X' is multiplied by 4 and 11 added to the product. Find the number?
- 15
 - 10
 - 12
 - None of these
- 10) The difference between a number and its two-fifth is 510. What is 10% of that number?
- 12.75
 - 204
 - 85
 - None
- 11) Pointing to a person, Deepak said, "His only brother is the father of my daughter's father". How is the person related to Deepak?
- Father
 - Grand Father
 - Uncle
 - Brother – in – law
 - B is the brother of A
- 12) How many pairs of letters are there in the word ATMOSPHERE which has as many letters between them in the words as there between in the English Alphabet?
- Two
 - Three
 - Four
 - Five
- 13) Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- Physiology
 - Cardiology
 - Pathology
 - Radiology
 - Gastroenterology
- 14) Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- Coriander
 - Mustard
 - Cumin
 - Clove
 - Cardamom
- 15) If the code of CLASS is FODVV then what is the code of STUDENT?
- VWXGHQW



- b) VUXEHPU
- c) UVWEGOV
- d) UXWGHOU

16) Which international organization MPs were allowed to visit Jammu and Kashmir in October 2019?

- a) African Union
- b) ASEAN
- c) European Union
- d) G – 20

17) On which date was the International Day of Rural Women celebrated?

- a) October 5
- b) October 10
- c) October 15
- d) October 17

18) The venue of 35th ASEAN conference was

- a) Jakarta
- b) Bangkok
- c) Kuala Lumpur
- d) Phnom Penh

19) Who set the record by conquering the world's 14 highest peaks in just seven months?

- a) Melissa Arnot
- b) Lydia Brady
- c) Ang Rita
- d) Nirmal Purja

20) What is the new name of Feroz Shah Kotla ground?

- a) Arun Jaitley Stadium
- b) Sheila Dikshit Stadium
- c) Gautam Gambhir Stadium
- d) Ajit Wadekar Stadium

ALL THE BEST

JAI HIND

