



AFCAT – 1/2020

DAY – 14

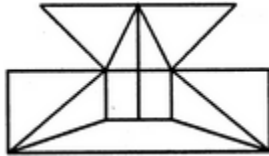
- 1) The ratio of the money with Anju and Seema is 7 : 15 and that with Seema and Vinita is 7 : 16. If Anju has Rs 490, how much money does Vinita have
- a) Rs 400
b) Rs 900
c) Rs 1500
d) Rs 2400
- 2) If one of the sides of a triangle is increased by 20% and the other is increased by 5%, find the percent value by which the area changes?
- a) 20%
b) 26%
c) 30%
d) 52%
- 3) There are 12 cases of apples with each case containing 12 boxes and each box holding 18 apples. If all the 12 cases were sold for Rs 1632.96, what will be the price of a dozen apples?
- a) Rs 5.56
b) Rs 6.56
c) Rs 7.56
d) Rs 10
- 4) A man loses $12\frac{1}{2}\%$ of his money and after spending 70% of the remainder, he is left with Rs 210. How much had he at first?
- a) Rs 650
b) Rs 700
c) Rs 800
d) Rs 900
- 5) Three friends A, B and C started a business by investing a sum of money in the ratio 5 : 7 : 6. After six months C withdraws half of his capital. If the sum invested by 'A' is Rs 40000, out of a total annual profit of Rs 33000 C's share will be
- a) 6000
b) 7000
c) 8000
d) 9000
- 6) The loss incurred in selling an article for Rs 19 is as much as the profit made when it is sold at 5% profit. To get 5% profit what should be its selling price?
- a) Rs 21
b) Rs 20.50
c) Rs 19.95
d) Cannot be determined
- 7) An article is sold at 25% profit. If its CP and SP are increased by Rs 20 and Rs 4 respectively, the percentage of profit decreases by 15%. Find the cost price.
- a) Rs 90
b) Rs 110



- c) Rs 120
d) Rs 150
- 8) **40 men can cut 60 trees in 8 hours. If 8 men leave the job, how many trees will be cut in 12 hours?**
a) 60
b) 70
c) 72
d) 80
- 9) **A boy walking at a speed of 10 km/hr reaches his school 15 minute late. Next time he increases his speed by 2 km/hr, but still he is late by 5 minutes. Find the distance of his school from his house.**
a) 4 km
b) 6 km
c) 8 km
d) 10 km
- 10) **Rs 7500 is borrowed at CI at the rate of 4% per annum. What will be the amount to be paid after 6 months, if interest is compounded quarterly?**
a) Rs 7250.75
b) Rs 7460.75
c) Rs 7650.75
d) Rs 8000.10
- 11) **The 14th edition of SURYA KIRAN joint military exercise is between India and**
a) Nepal
b) Myanmar
c) Bangladesh
- d) Afghanistan
- 12) **The Khelo India Youth games 2020 was held in**
a) Pune
b) Assam
c) Delhi
d) Nagaland
- 13) **On which day United Nations observes international day for Persons with Disabilities every year?**
a) December 1
b) December 3
c) December 5
d) December 7
- 14) **Name the wrestler who recently won the gold medal at the Senior Wrestling National Championship in Jalandhar, Punjab in the 55kg category.**
a) Babita Phogat
b) Vinesh Phogat
c) Geeta Phogat
d) Sakshi Malik
- 15) **The 20th edition of the Hornbill festival was celebrated in which state?**
a) Nagaland
b) Mizoram
c) Tripura
d) Jharkhand

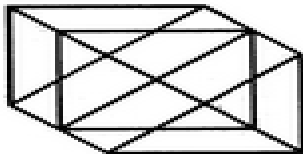


16) Find the number of straight lines required to make the given figure



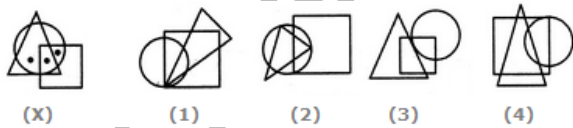
- a) 16
- b) 17
- c) 18
- d) 19

17) Find the number of triangles in the given figure



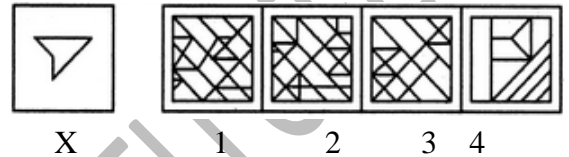
- a) 18
- b) 20
- c) 24
- d) 27

18) Select the figures which satisfies the same con



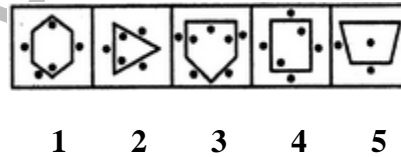
- a) 1
- b) 2
- c) 3
- d) 4

19) Find the alternative figures which contains figure (X) as its part



- a) 1
- b) 2
- c) 3
- d) 4

20) Choose the figure which is different from the rest.



- a) 1
- b) 2
- c) 3
- d) 4

ALL THE BEST

JAI HIND 👍