

BA ADMINISTRATION & GOVERNANCE
THIRD SEMESTER
LOGICAL REASONING AND GENERAL APTITUDE
BAAGNC – 301

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. Student A scores 20 marks in an examination out of 30 while another student B scores 40 marks out of 70. Who has performed better?
a. B
b. A
c. Both have performed same
d. Data not sufficient
2. A trader marks up the price of his goods by 20%, but to a particularly haggling customer he ends up giving a discount of 10% on the marked price. What is the percentage profit he makes?
a. 10%
b. 8%
c. 12%
d. 15%
3. B's salary is 25% more than A's salary. By what percent is A's salary less than B's salary?
a. 20%
b. 25%
c. 10%
d. 30%
4. Due to a 25% price hike in the price of rice, a person is able to purchase 20 kg less of rice for Rs. 400. Find the initial price.
a. Rs 25 per kg
b. Rs 50 per kg
c. Rs 4 per kg
d. Rs 60 per kg.
5. Which of the following is the largest number?
a. 20% of 200
b. 7% of 500
c. 1300% of 3
d. 700% of 9
6. If 25% of a number is 75, then 45% of that number is
a. 145
b. 125
c. 150
d. 135
7. What is 10% of 20% of 25% of 100?
a. 0.5
b. 0.75
c. 0.25
d. 1.0
8. If we express $12\frac{4}{15}\%$ as a fraction, then it is equal to
a. $\frac{46}{375}$
b. $\frac{46}{125}$
c. $\frac{23}{250}$
d. None of these.

9. Thirty percent of a number when subtracted from 91, gives the number itself. Find the number
 a. 60
 b. 65
 c. 70
 d. 75
10. Fresh grapes contain 95% water by weight, while dry grapes contain only 20% water by weight. What is the weight of dry grapes available from 40 kgs of fresh grapes?
 a. 2.5 kgs
 b. 3 kgs
 c. 2 kgs
 d. 3.5 kgs
11. A shopkeeper sold goods for Rs. 2000 at a profit of 50%. Find the cost price for the shopkeeper
 a. Rs 1200
 b. Rs 1333.33
 c. Rs 1350
 d. Rs 1250.55
12. A man buys shirt and trousers for Rs 371. If the trouser costs 12% more than the shirt, find the cost of the shirt.
 a. Rs 150
 b. Rs 200
 c. Rs 175
 d. Rs 125
13. A fruit vendor recovers the cost of 25 mangoes by selling 20 mangoes. Find his percentage profit
 a. 5%
 b. 20%
 c. 50%
 d. 25%
14. A reduction in the price of petrol by 10% enables a motorist to buy five gallons more for \$180. Find the original price of petrol
 a. 2\$ per gallon
 b. 4\$ per gallon
 c. 5\$ per gallon
 d. 10\$ per gallon
15. By selling five articles for Rs15, a man makes a profit of 20%. Find his gain or loss percentage if he sells eight articles for Rs. 18.4.
 a. 16.66%
 b. 25%
 c. 8%
 d. 20%
16. Aman makes an article for Rs.500 and sells it to Baman at a profit of 10%. Baman sells it to Charan who sells it for Rs. 660, making a profit of 10%. What profit percent did Baman make?
 a. 9.09%
 b. 12%
 c. 16.66%
 d. 33.33%
17. A shopkeeper bought locks at the rate of 8 locks for Rs. 34 and sold them at the rate of 12 locks for Rs. 57. Calculate his gain percent
 a. 9.33%
 b. 12.5%
 c. 11.11%
 d. 11.76%
18. A dozen pairs of gloves quoted at Rs.120 are available at a discount of 20%. Find how many pairs of gloves can be bought for Rs16
 a. 2
 b. 3
 c. 4
 d. 6

29. Rajdhani Express travels 650 km in 5 h and another 940 km in 10 h. What is the average speed of train?
- a. 1590 kmph
b. 168 kmph
c. 106 kmph
d. 126 kmph
30. Ram and Bharat travel the same distance at the rate of 6 km per hour and 10 km per hour respectively. If Ram takes 30 minutes longer than Bharat, the distance travelled by each is
- a. 6 km
b. 10 km
c. 7.5 km
d. 20 km
31. A,B,C,D,E,F,G and H are sitting around a circle facing the centre. D is second to the left of H, who is third to the left of A. B is fourth to the right of C, who is the immediate neighbor of H. G is not a neighbor of B or C. F is not a neighbor of B. In which of the following pairs is the first person sitting to the immediate right of the second person.
- a. DG
b. BE
c. HB
d. GH
32. Following Question no. 31, who is third to the left of B?
- a. G
b. B
c. C
d. None of these
33. Eight students A,B,C,D,E,F,G,H sit around a circular table, equidistant from each other, facing the centre of the table, not necessarily in the same order. B and D sit neither adjacent to C nor opposite to C. A sits in between E and D, and F sits in between B and H. Which one of the following is definitely correct?
- a. B sits in between A and G
b. C sits opposite to G
c. E sits opposite to F
d. None of the above.
34. Eleven friends M,N,O,P,Q,R,S,T,U,V,W are sitting in the first row of the Narendra Modi stadium watching a cricket match. T is the immediate left of P and third to the right of U. V is immediate neighbor of M and N and third to the left of S. M is the second to the right of Q, who is at one of the ends. R is sitting next to the right of P and P is second to the right of O. Who is sitting at the center of the row?
- a. N
b. O
c. S
d. U
35. Following Question 34, Which of the following people are sitting to the right of S?
- a. OTPQ
b. OTPR
c. UNVM
d. UOTPR