

**BA ADMINISTRATION AND GOVERNANCE
SECOND SEMESTER
GENERAL APTITUDE AND PRACTICE-I
BAAGNC - 207**

**SET
B**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1.30 hrs.

Full Marks: 35

Time: 1.30 hrs.

(Objective)

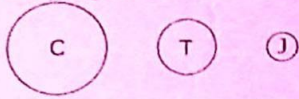
Marks: 35

Choose the correct answer from the following:

1 × 35 = 35

- The rabbit population in community A increases at 25% per year while that in B increases at 50% per year. If the present population of A and B are equal, the ratio of the number of the rabbits in B to that in A after 2 years will be
 - 1.44
 - 1.72
 - 1.90
 - 1.25
- A man completes $\frac{7}{8}$ of a job in 21 days. How many more days will it take him to finish the job if quantum of work is further increased by 50%?
 - 24
 - 21
 - 18
 - 15
- If the price of an article is decreased by 20% and then the new price is increased by 25%, then what is the net change in the price?
 - 0%
 - 5% increase
 - 5% decrease
 - Cannot be determined due to insufficient data
- P scored 40 marks more than Q in an examination. If Q scored 10% less marks than P, then how much did Q score?
 - 360
 - 380
 - 400
 - 420
- Amit, Raju and Salim can do a piece of work in 20, 30 and 60 days respectively. In how many days can Amit do the work if he is assisted by Raju and Salim on every third day?
 - 12 days
 - 15 days
 - 16 days
 - 18 days
- A biology class at high school predicted that a local population of animals will double in size every 12 years. The population at the beginning of the year 2021 was estimated to be 50 animals. If P represents the population after n years, then which one of the following equations represents the model of the class for the population?
 - $P = 12 + 50n$
 - $P = 50 + 12n$
 - $P = 50(2)^{12n}$
 - $P = 50(2)^{n/12}$
- If 3^{2019} is divided by 10, then what is the remainder?
 - 1
 - 3
 - 7
 - 9

27. Three ladies X, Y and Z marry three men A, B and C. X is married to A, Y is not married to an engineer, Z is not married to a doctor, C is not a doctor and A is a lawyer. Then which of the following statements is correct?
- a. Y is married to C who is an engineer b. Z is married to C who is a doctor
c. X is married to a doctor d. None of these
28. Which of the following figures best depicts the relationship among criminals, thieves and judges?



29. Number of letters skipped in between the adjacent letters on the series decreases by two. Which of the following series observes that rule?
- a. EPVAF b. GPWBE
c. UCJOP d. XFMQU
30. If the letters of the English alphabets are written as usual from left to right, then which letter is seventh to the right of the eighteenth letter from the right end?
- a. L b. M
c. O d. P
31. In a rare coin collection, there is one gold coin for every three non-gold coins. 10 more gold coins are added to the collection and the ratio of gold coins to non-gold coins would be 1: 2. Based on the information; the total number of coins in the collection now becomes
- a. 90 b. 80
c. 60 d. 50

32. There are two sets of figures; first four figures named Problem figures and next four figures named Answer figures indicated as 1, 2, 3 and 4. The problem figures follow a particular sequence. In accordance with the same, which one of the four answer figures should appear as the fifth figure?

