

1. R and S are a married couple having one son M and a daughter D. D is married to A who is the son of G and T. N is son of A and A has a sister K. K is married to H and has two daughters Y and E.

How Y and N are related to each other ?

- (1) Husband-Wife
- (2) Father-Daughter
- (3) Cousins
- (4) Uncle-Niece

2. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

a a b _ c b _ caa _ c a _ b a a _ c c

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

3. Three statements are given, followed by two conclusions numbered I and II. Find out which of the conclusions is/are true based on the given statements :

Statements :

- (1) $J > L$
- (2) $K \leq J$
- (3) $M \geq J$

Conclusions :

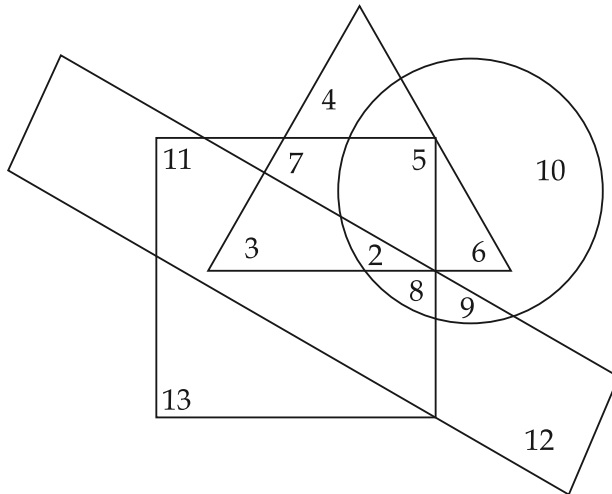
- (I) $L = M$
- (II) $L < M$
- (1) Only conclusion I is true.
- (2) Only conclusion II is true.
- (3) Both conclusions I and II are true.
- (4) Neither conclusion I nor II is true.

4. A question is given followed by two statements numbered I and II. Find out the data provided in which of the statements is/are sufficient to answer the question ?

What is the area of the rectangular plot ?

- (I) : The length of the plot is less than the breadth by 8 meters.
- (II) : The perimeter of the plot is 196 meters.
- (1) The data in statement (I) alone is sufficient to answer the question, while the data in statement (II) alone is not sufficient to answer the question.
- (2) The data in statement (II) alone is sufficient to answer the question, while the data in statement (I) alone is not sufficient to answer the question.
- (3) The data in both statements (I) and (II) together are necessary to answer the question
- (4) The data in both statements (I) and (II) together are not sufficient to answer the question.

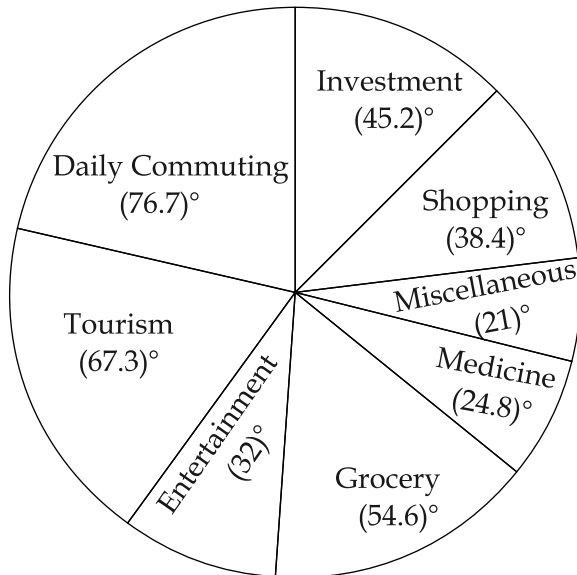
5. In the given figure, Circle stands for unemployed, the square stands for rural, the triangle stands for educated and the rectangle stands for hard working people.



Find the number of unemployed who are rural, hard working but not educated ?

- (1) 6
(2) 8
(3) 9
(4) 11
6. Five friends P, Q, R, S and T are standing in a row facing west. P is between S and T. R is to the immediate left of T. R is between T and Q.
Who is standing in the middle ?
- (1) S
(2) R
(3) P
(4) T
7. The Sum of two natural numbers is 14 and their difference is 2, what is their product ?
- (1) 24
(2) 32
(3) 40
(4) 48
8. The simple interest on a sum of money is $\frac{1}{12}$ th of the principal and number of years is equal to the $\frac{1}{3}$ rd of the rate of interest percent per annum. Find the rate of interest in percent per annum ?
- (1) 3%
(2) 4%
(3) 5%
(4) 6%

9. A museum has an average of 985 visitors on Sunday and 425 on the other days. What is the average number of visitors per day for a week ?
- (1) 495
(2) 500
(3) 505
(4) 510
10. Break-up of expenditure of a family in a year is given in this chart.



- What is the percentage of amount spent by the family excluding Tourism and Daily commuting in that year ?
- (1) 30 %
(2) 40 %
(3) 50 %
(4) 60 %