

27. (a) EY (b) DP
(c) BD (d) GT
28. (a) 130 (b) 60
(c) 24 (d) 6
29. (a) 11, 132 (b) 9, 90
(c) 8, 56 (d) 6, 42
30. In the following multiplication problem, find the numerical values of S, V and Z.

$$\begin{array}{r}
 \begin{array}{cccccc}
 & S & T & U & V & W \\
 & & & & 1 & 2 \\
 \hline
 & 4 & W & Z & R & S \\
 S & T & 4 & V & W & \\
 \hline
 S & 8 & R & U & 7 & 2
 \end{array}
 \end{array}$$

- (a) 2, 5, 9 (b) 2, 9, 5
(c) 5, 9, 2 (d) 9, 5, 2
31. In the following addition problem, find the number for M E N in digits.

$$\begin{array}{r}
 \begin{array}{cccc}
 & M & A & N \\
 + & N & A & M & E \\
 \hline
 & 3 & 3 & 3 & 3
 \end{array}
 \end{array}$$

- (a) 321 (b) 132
(c) 123 (d) 103
32. Given that $ACT \div AT = 11$, find out which of the following numbers does not stand for CAT to fulfil the above equation.
(a) 246 (b) 615
(c) 624 (d) 835
33. In the following subtraction problem, find out which of the following numbers does not stand for CART.

$$\begin{array}{r}
 \begin{array}{ccc}
 C & A & R \\
 - & A & R & T \\
 \hline
 & 2 & 2 & 2
 \end{array}
 \end{array}$$

- (a) 6420 (b) 7531
(c) 8420 (d) 9753
34. Consider the two given statements as true then decide which one of the inferences can be definitely drawn from these statements.
Statements:
All the students passed the examination.
Some of the students are girls.

Select the correct alternative.

- (a) Some of the boys passed the examination
(b) All the girl students failed in the examination
(c) None of the boys passed the examination
(d) No girl student failed in the examination

Directions for Questions 35–36 Consider the given statements as true then decide which of the conclusions can be logically followed from the two statements.

35. Statements:

In a sports club all the members are not players but all of them are rich.

Mr. 'P' is a member of the sports club.

Conclusions:

I Mr. 'P' plays the sport.

II Mr. 'P' is rich.

- (a) Only I follows
(b) Only II follows
(c) Both I and II follow
(d) Neither I nor II follows

36. Statements:

Engineers marry only teachers.

Rashmi is a teacher.

Conclusions:

I Rashmi is married to an Engineer.

II Rashmi is not married to an Engineer

- (a) Only I follows
(b) Only II follows
(c) Both I and II follow
(d) Neither I nor II follow

These questions are based on following information.

Rajesh, Sudhir and Mohan play football, hockey and cricket. Rajesh, Rakesh and Mohan play hockey, cricket and basket ball. Rajesh, Sudhir, Naresh and Mohan play football and cricket.

37. Which two boys play all the games?

- (a) Rajesh and Sudhir
(b) Rajesh and Rakesh
(c) Sudhir and Mohan
(d) Rajesh and Mohan