

PRACTICE SET 1

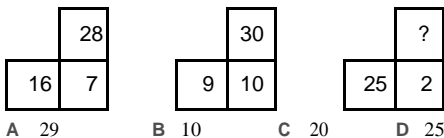
A Whole Content Based Test for Class 9th Reasoning Asiad

Directions (Q. Nos. 1-2) In each of the following questions, a series is given. One term of this series is missing. Identify the missing term from among the four given alternatives.

- 1, 2, 5, 16, ?
A 50 B 64 C 60 D 65
- 5Q8, 8P6, 11O4, 14N2, ?
A 6M0 B C 17
M3 D 16M10

Directions (Q. Nos. 3-4) From amongst the four alternatives, determine which term completes the second pair in the same way as the first pair.

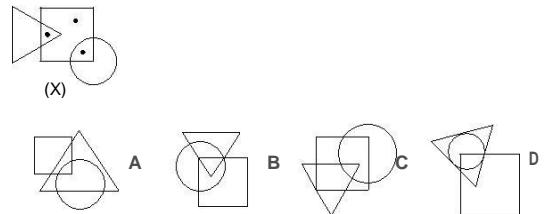
- $27 : 9 :: 8 : ?$
A 6 B 4 C 2 D 10
- ARM : ZBQSLN : CAT : ?
A BDZBSU B ADZCSU
C DBBZUS D BDZBRS
- A term of the series given below is wrong. Identify the wrong term.
5, 7, 10, 14, 20, 25
A 10 B 7 C 20 D 25
- Find the missing term that will replace the question mark (?).



10. Which of the following figures best illustrates the relationship amongst 'Shirt, Pocket and Collar'?



- Ravi starts walking towards West. After walking 50 m, he turns to the right and walks 15 m. Again he turns to the right and walks a distance of 30 m, before finally turning to the right and covering a distance of 15 m. How far is Ravi from the starting point and in which direction?
A 20 m, East B 30 m, West
C 15 m, East D 20 m, West
- From amongst the four answer figures marked (a), (b), (c), and (d). Choose the one which satisfies the same conditions of positioning of the dots as in figure (X).



Pointing to a photograph, Nisha said, "She is the sister of the son of my husband's wife." How is Nisha related to the girl in the photograph?

- A Mother
B Daughter
C Aunt
D Sister

Directions (Q. Nos. 14-15) Read the following information carefully and answer the questions that follow.

Five friends A, B, C, D and E like five different colours—Red, Blue, Green, Yellow and Orange and commute by different modes of transport, viz. Bus, Train, Motorbike, Scooter and Bicycle.

- The person who likes a Green doesn't travel by Bicycle.
- C likes Yellow and commutes by Scooter whereas B likes Blue and commutes by Motorbike.
- E commutes by Train whereas D commutes by Bicycle.
- The one who travels by Bus likes neither red nor Green colour.



7. In the following first set the word in the box is formed from some letters of either sides words in a particular pattern. Insert a word in second set using the same pattern.

TACIT **CABIN** BINARY ITALIC **?** LASER

- A LARVA B ATLAS
- C ATOMIC D LOBOR

8. Anuj is 8 ranks ahead of Sachin who ranks twenty sixth in a class of 42. what is Anuj rank from the last?

- A 34th B 25th C 24th D 9th

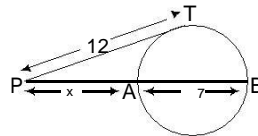
9. Which letter would replace the question mark in the two letter sets given below such that it completes the two words given on either side of the question mark in each of the two letter sets?

B O L **?** U S K S H E **?** O W N

- A H B E C R D D



30. A seller sells a book at a profit of 25%. If he had bought it at 25% less and sold for ₹ 20 less, he would have gained 20%. Find the cost price of the book.
- A ₹ 52.90 B ₹ 57
C ₹ 58.14 D ₹ 57.14
31. Find the compound interest at the rate of 10% per annum for four years on the principal which in four years at the rate of 4% per annum gives ₹ 1600 as simple interest.
- A ₹ 4641 B ₹ 4600
C ₹ 4741 D ₹ 4800
32. The average of 20 values is 27 and if each value is multiplied by 2, find the new average.
- A 52 B 54
C 57 D 59
33. Rahul can do a piece of work in 5 days and Sumit can do it in 6 days. How long will they take, if both Rahul and Sumit work together?
- A $2\frac{8}{11}$ days B $2\frac{5}{11}$ days
C $2\frac{3}{7}$ days D $2\frac{1}{2}$ days
34. Without any stoppage a person travels a certain distance at an average speed of 80 km/h and with stoppage he covers the same distance at an average speed of 60 km/h. How many minutes per hour does he stop?
- A 45 min B 15 min
C 30 min D 20 min
35. Find the value of X in the given figure



- A 9 B 25
C 16 D 13