

Examrace

NSTSE Class 5 Set 2 2018 Part 2 Previous Year Paper

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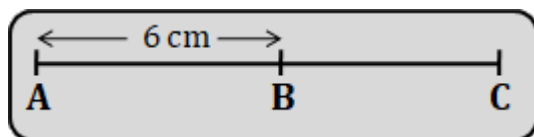
13. Which of the following statement is true?

- (i) All pair of prime numbers are co-primes.
 - (ii) All co-prime numbers are twin primes.
 - (iii) All co-prime numbers are pair of composite numbers.
- (A) Only (i)
(B) Only (iii)
(C) Only (i) and (ii)
(D) Only (ii) and (iii)

14. In a car park, there were 100 vehicles, all were cars and motorcycles. If the total number of wheels were 250, how many cars were there?

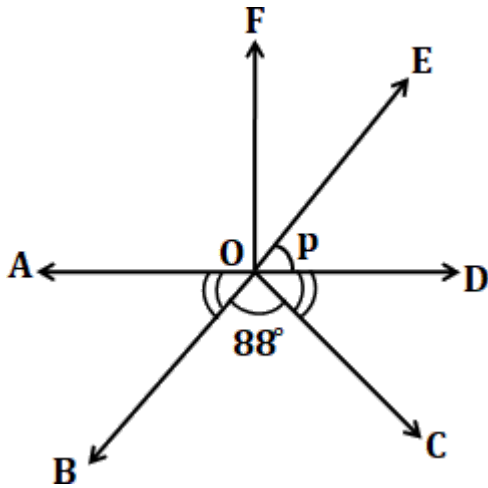
- (A) 35
(B) 25
(C) 75
(D) 65

15. Observe the line segment given. If the ratio of the length of AB to the length of BC is 2 : 5, find the length of AC.



- (A) 21 cm
(B) 15 cm
(C) 30 cm
(D) 9 cm

16. AD and BE are straight lines. Given that $\angle AOB = \angle DOC$, find $4p$.



- (A) 44°
 (B) 46°
 (C) 51°
 (D) 92°

17. Find the difference between $\frac{3}{4}$ of 9000 and $\frac{2}{3}$ of 900.

- (A) 5325
 (B) 6075
 (C) 6150
 (D) 8100

18. Which of the following are supplementary angles?

- (A) 40° and 50°
 (B) 35° and 150°
 (C) 0° and 180°
 (D) 70° and 90°

19. What is the measure of the third angle in a right angled triangle, whose one angle is 52° ?

- (A) 38°
 (B) 48°
 (C) 52°
 (D) 88°

20. Martin has the same number of 10 paise and 50 paise coins. The total value of all the coins is Rs. 30. How many coins does Martin have altogether?

- (A) 50
- (B) 100
- (C) 180
- (D) 360

21. Average age of A, B and C is 10 years. If the average age of A and C is 9 years, how many years old is B?

- (A) 9
- (B) 10
- (C) 11
- (D) 12

22. $\frac{(11+A)}{(97-94)} = 5$. What number is A?

- (A) 4
- (B) 5
- (C) 9
- (D) 8

23. A cycle travels at a speed of 45 km/h. How far will it travel in 36 minutes?

- (A) 27 km
- (B) 20 km
- (C) 36 km
- (D) 45 km

24. What is the value of $14 + \frac{8}{10} + \frac{108}{100} + \frac{345}{1000}$?

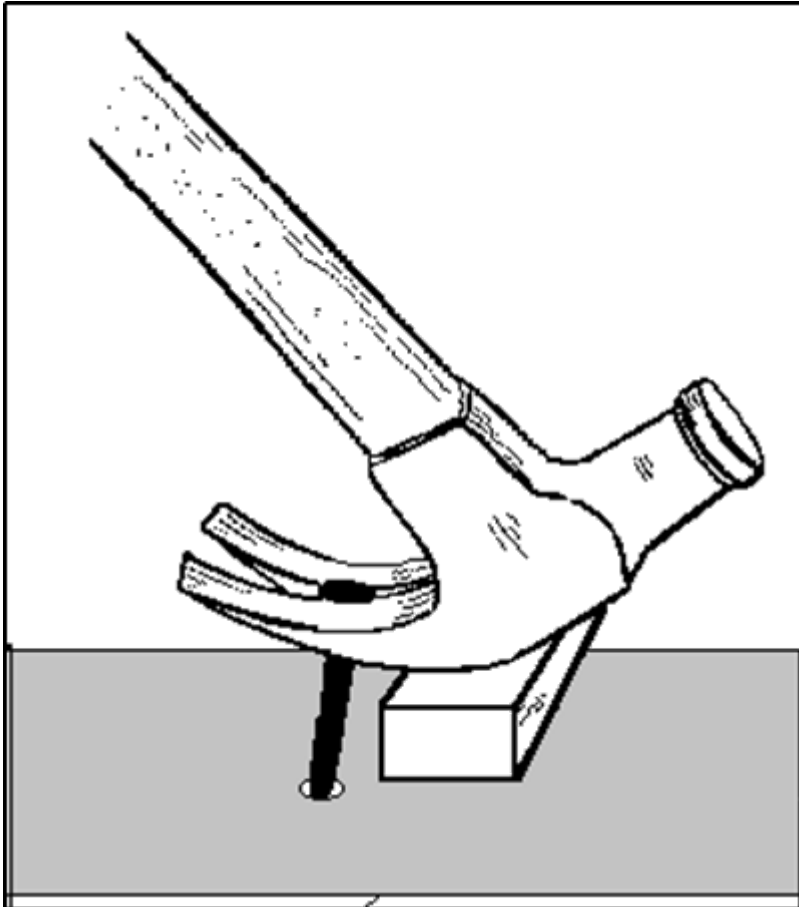
- (A) 16.225
- (B) 15.262
- (C) 16.252
- (D) 16.255

25. Gopal reads $\frac{3}{5}$ of a book. He has still 80 pages to be read to complete reading the book. How many pages are there in the book?

- (A) 200
- (B) 100
- (C) 400
- (D) 300

General Science

26. Study the given figure. In this case the hammer acts as a



- (A) Ist order lever
- (B) IInd order lever
- (C) Inclined plane
- (D) Pulley

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