

1. The roman numeral for Greatest two digit number is _____.

- A. IC
- B. LIL
- C. XCIX
- D. None of these

2. Symbol that can never be repeated is _____

- A. I
- B. V
- C. X
- D. None of these

3. XXIII 13

- A. >
- B. <
- C. =
- D. None of these

4. Place value of 6 in 43,34,96,258, is _____.

- A. 6000
- B. 60000
- C. 600000
- D. 6000000

5. Product of 353 and 19 is _____.

- A. 334
- B. 6770
- C. 6707
- D. 372

6. $14 \times 7 + 32 \div 4 + 14 =$ _____.

- A. 98
- B. 120
- C. 135
- D. 224

7. Remainder when 3908 is divided by 7, is _____.

- A. 2
- B. 6
- C. 3
- D. 5

8. Mrs. Nikita sold 7928 cakes last month, she Sold 350 more cakes on the last day of month. How many cakes did she sell in the whole month?

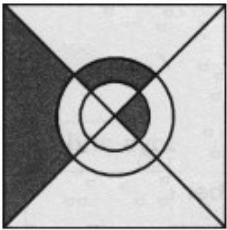
- A. 8278
- B. 7288
- C. 8000
- D. 8872

Victor can throw a ball $50\frac{3}{5}$ feet. Parth can throw the same ball $48\frac{1}{3}$ feet.

9. How much farther can Victor throw the ball than Parth ?

- A. $2\frac{2}{15}$ feet
- B. $2\frac{4}{15}$ feet
- C. $2\frac{3}{5}$ feet
- D. $2\frac{4}{5}$ feet

10. Answer the following question on the basis of the figure given below.



What fraction of figure is shaded ?

- A. $\frac{1}{4}$
- B. $\frac{3}{4}$
- C. $\frac{1}{2}$
- D. $\frac{2}{9}$

11. A fraction of these kites is dark. Which group has an equivalent fraction of white kites in the given options?

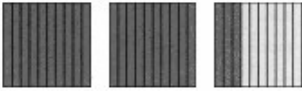


Which group has an equivalent fraction of white kites in the given options?

- A.
- B.
- C.

D. None of these

12. The model is shaded to represent $2\frac{3}{10}$.



Which decimal does the model represent ?

- A. 0.23
- B. 2.03
- C. 2.3
- D. 20.3

13. At breakfast the temperature outside was 35°C . At lunch time it had gone up 5°C , and then by dinner time it had gone down 2°C . What was the temperature at dinner time?

- A. 32°C
- B. 39°C
- C. 38°C
- D. 40°C

14. Which is the most reasonable description of a desirable room temperature for a plant?

- A. Between 75°F and 76°F
- B. Between 32°F and 100°F
- C. Between 0.05°F and 100.9°F
- D. Between 55°F and 65°F

15. The given table shows the time schedule of the arrival and departure times of train at different destinations along its route. Study the table and answer the question.

Destination	Arrival	Departure
Central	-	08:30
Toy Town	09:20	09:35
Cherry Park	12:15	12:15
Saints Ville	13:00	14:00
Blue Lake	16:10	16:25
Alpha Street	18:00	-

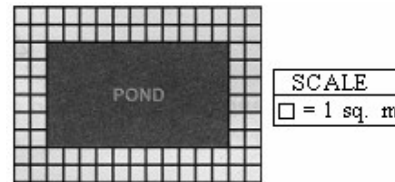
How long does it take to travel from Toy Town to Saints Ville?

- A. 3 hrs 50 mins
- B. 3 hrs 25 mins
- C. 3 hrs 35 mins
- D. 3 hrs 55 mins

16. How many Rs.20 will make Rs.1000?

- A. 5
- B. 50
- C. 500

D. 100



17. The shaded area in the diagram below represents the pond in the park. What is the area of the pond?

- A. 34 sq. m
- B. 66 sq. m
- C. 84 sq. m
- D. 150 sq. m

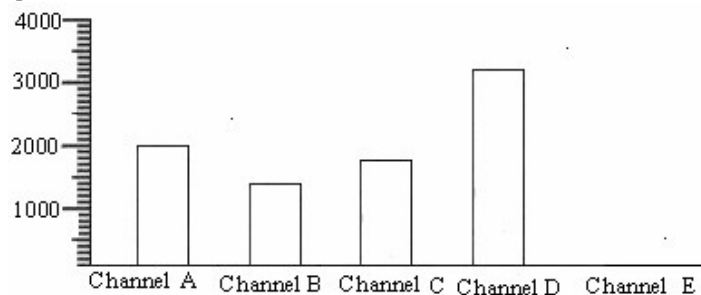
18. Circumference is same as _____.

- A. Perimeter of square
- B. Perimeter of triangle
- C. Perimeter of circle
- D. None of these

19. Which type of angle has a measure that is smaller than a right angle?

- A. Acute
- B. Obtuse
- C. Straight
- D. Congruent

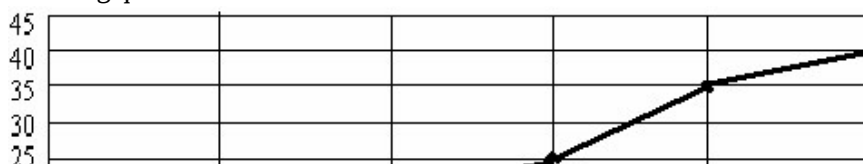
20. The given bar graph shows the number of viewers who watched the 5 channels. Study the graph and answer the following question.

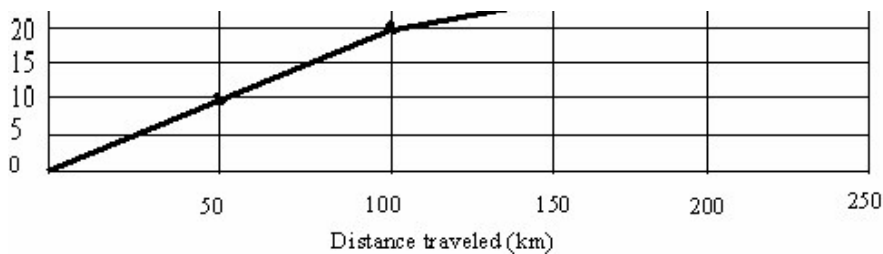


How many more viewers watched Channel D than Channel B?

- A. 16000
- B. 18000
- C. 20000
- D. 22000

21. The line graph shows the amount of petrol Mohit used and the distance his car travelled. Study the graph and answer the following question.

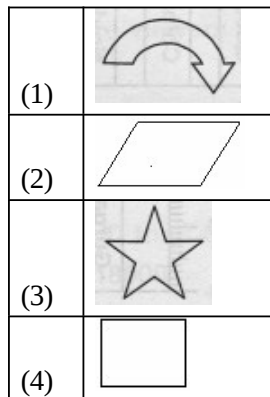




How much more petrol was used for 200 km than 100 km travelled?

- A. 15 litres
- B. 20 litres
- C. 10 litres
- D. 25 litres

22. Which of the following are symmetric figures?



- A. 1 and 2
- B. 3 and 4
- C. 2, 3 and 4
- D. 1, 2, 3 and 4

23. Javed saved some notes which consist of Re. 1, Rs. 10 and Rs. 20, notes. If his savings was Rs. 200, and he has 10 - Re. 1 note and 3 - Rs. 10 notes then how many Rs. 20 notes he had ?

- A. 8
- B. 10
- C. 12
- D. 9

24. 40 kg of crystals are graded into 3 sizes : small, medium and large. The ratio by mass of large to medium to small crystals is 4 : 3 : 1. There are 15 large crystals per kg. The total number of large crystals are

- A. 525
- B. 560
- C. 300
- D. 570

25. 12 taps flowing at the same rate can fill a pool in 1 h. How long will it take 5 taps to fill the same pool?

- A. 2 h 4 min
- B. 2 h 14 min
- C. 2 h 24 min
- D. 2 h 34 min

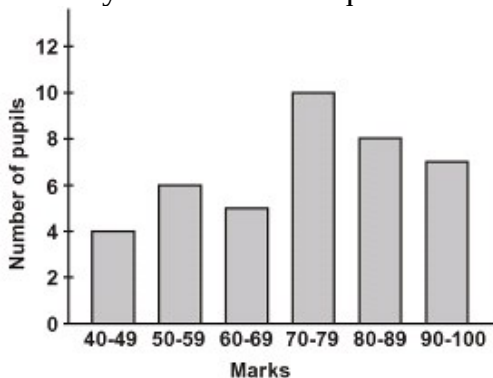
26. Mohit read $\frac{1}{4}$ of a book. If he read further 60 pages, he would have read $\frac{2}{3}$ of the book. How many pages were there in the book?

- A. 12
- B. 36
- C. 96
- D. 144

27. Anushka added 2 litres of water to every $\frac{1}{4}$ litre of syrup. If she used 3 litres of syrup, how much water would she need?

- A. 12 litres
- B. 24 litres
- C. 36 litres
- D. 48 litres

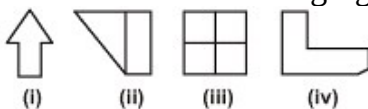
28. The graph given below shows the Mathematics marks obtained by a class of 40 pupils. Study the graph carefully and answer the question.



What fraction of pupils scored 70 marks and above?

- A. $\frac{5}{8}$
- B. $\frac{1}{2}$
- C. $\frac{5}{9}$
- D. $\frac{3}{5}$

29. Which one of the following figures has 5 right angles in it ?



- A. (iii)
- B. (iv)
- C. (ii)
- D. (i)

30. The sum of five numbers that are arranged in ascending order is 861. The sum of first three numbers is 466 and the sum of last three numbers is 579. What is the third number ?

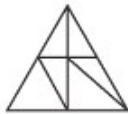
- A. 184
- B. 157
- C. 195
- D. 125

31. What kind of triangles will be obtained if X draws a line segment connecting points A and C on the rectangle shown aside?



- A. Isosceles
- B. Right angled
- C. Equilateral
- D. Obtuse

32. Count the number of triangles in the given figure.



- A. 10
- B. 12
- C. 13
- D. None of these

33. There are 26 birdhouses made at a factory each hour. What is the total number of birdhouses made at the factory in 8 hours?

- A. 34
- B. 64
- C. 202
- D. 208

34. Look at the given problem.

Jasmine gave Kanishka 3 sets of stamps. Each set has 6 stamps.
What is the total number of stamps Jasmine gave Kanishka?

Which of the following pairs given in the options can be used to solve this problem?

$$3 + 6 = \square$$

$$6 + 6 + 6 = \square$$

A.

$$3 + 6 = \square$$

B. $6 \times 6 \times 6 = \square$

$3 \times 6 = \square$

$3 + 6 = \square$

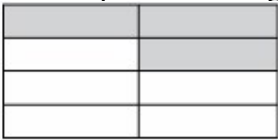
C.

$3 \times 6 = \square$

$6 + 6 + 6 = \square$

D.

35. Look at the given figure. Which fraction represents the shaded part of the figure?



A. $\frac{3}{8}$

B. $\frac{3}{5}$

C. $\frac{5}{8}$

D. $\frac{5}{3}$

36. Danish drew an angle as shown here. Sarah drew an angle that was twice the measure of Danish's angle. What was the measure of Sarah's angle?



A. 20°

B. 70°

C. 80°

D. 60°

37. Garima measures a bean plant at the end of every week. At the end of week 1, the plant is 4 inches tall. It grows $\frac{1}{2}$ inch each week for 5 more weeks. How tall is Garima's bean plant at the end of week 5?

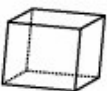
A. 5 inches

B. $5\frac{1}{2}$ inches

C. 6 inches

D. $6\frac{1}{2}$ inches

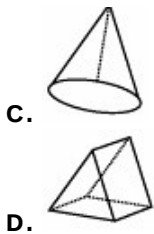
38. Which figure has only one base and one vertex?



A.



B.



39. Read the following information carefully.

- (i) P and Q play Football and Hockey.
 - (ii) R and S play Badminton and Cricket.
 - (iii) Q and R play Cricket and Football.
 - (iv) P and S play Hockey and Badminton.
- One who plays Badminton, Football and Hockey is _____.

- A. P
- B. Q
- C. R
- D. S

40. Megha has holidays on every second and fourth Saturday of a month.

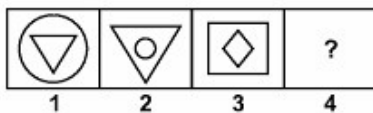
December 2012

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

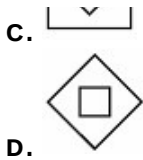
On which dates she has holidays in January 2013?

- A. 1st and 15th
- B. 8th and 29th
- C. 1st and 22nd
- D. 12th and 26th

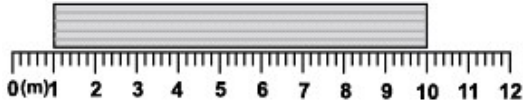
41. There is a certain relationship between figures 1 and 2. Identify the relationship and establish the similar relationship between figures 3 & 4 by selecting a figure from the options.



- A. 
- B. 
- 



42. The piece of wood shown is cut into 4 equal pieces. Length of each of the piece of wood is _____.



- A. 2.25 m
- B. 2.5 m
- C. 2.4 m
- D. 3.5 m

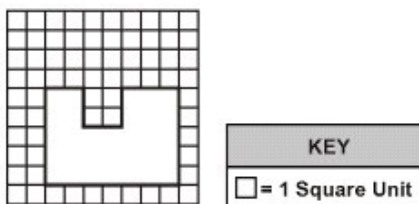
43. If  represents 1, then what is  +  +  ?

- A. $3\frac{2}{6}$
- B. $3\frac{5}{6}$
- C. $4\frac{2}{6}$
- D. $4\frac{5}{6}$

44. Which of these numbers goes in the box to make the number sentence true?
_____ < 50.05

- A. 55.55
- B. 50.50
- C. 50.005
- D. 55.05

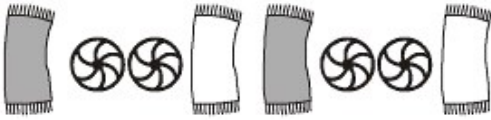
45. Study the given figure.
What is the area of the outlined figure?



- A. 25 square units
- B. 41 square units

- C. 47 square units
- D. 31 square units

46. Which of the following shows the same kind of pattern as the one given below?



- A.
- B.
- C.
- D.

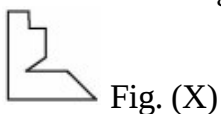
47. A visitor at the Rajasthan Culture Centre can hear beautiful music played on bells. The music is played on 1 high-note bell and 3 sets of 32 bells.
Which of the following expression should be used to find the total number of bells ?

- A. $1+3+32$
- B. $1\times 3+32$
- C. $1\times 3\times 32$
- D. $1+3\times 32$

48. Chinki can cycle from point A to point B and return to point A in 10 minutes. She can cycle there and walk back in 20 minutes. It will take _____ minutes for her to walk there and walk back.

- A. 10
- B. 20
- C. 30
- D. 40

49. Select one figure from the given alternatives, which fits exactly into Fig. (X), to form a square.



- A.

- B. 
- C. 
- D. 

50. If PAINT is coded as 74128 and EXCEL is coded as 93596, then how would you encode ACCEPT?

- A. 455978
- B. 547978
- C. 554978
- D. 735961