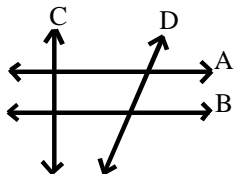


- (7) -

47. Which of the following is/are true with reference to the figure.



- (A) A and B are not parallel
 (B) C and D are parallel
 (C) the line D intersects the lines A and B
 (D) All are true
48. Use the equation below to answer the questions, $14 \times 3 = 42$ which statement correctly interprets the expressions ?
- (A) 14 is 3 more than 42
 (B) 42 is 14 more than 3
 (C) 14 is 3 times as many as 42
 (D) 42 is 3 times as many as 14
49. The sum of the three consecutive numbers is 21. The three numbers are
- (A) 5, 6, 7 (B) 6, 7, 8
 (C) 7, 8, 9 (D) 8, 9, 10

50. Using the digits 3, 4, and 1 form the greatest and the smallest 3-digit numbers and their product is
- (A) 67754 (B) 57754
 (C) 75754 (D) 57745

26thMIV (MATHEMATICS)

Time Allowed 1 hour

Maximum Marks : 100

Read the following instructions carefully before you begin to answer the questions.

1. This booklet contains 50 questions in all.
2. All questions are compulsory and each question carries 2 marks.
3. Before you start to answer the questions you must check up this booklet and ensure that it contains all the pages 7 (Seven) and see that no page is missing or repeated. If you find any defect in this Booklet, you must replace it immediately.
4. There will **NOT** be any negative marking for wrong answers.
5. You are required to fill the information on the answer sheet which you will get in the examination hall by **H.B. pencil or BALL point pen(Blue or Black)**.
6. **Answer Sheet** and **Question Paper** will be supplied in examination hall. After the test is over, you should hand over the answer sheet to the invigilator before leaving the room.
7. You should write your **Name, Roll No., School name** carefully on the space provided in the answer sheet. Otherwise you will be awarded **ZERO** mark.
8. If you wish to change your answer, **ERASE** completely the darkened circle by using an **ERASER** and then blacken the new circle. If not erased completely, smudges will be left on the erased circle and the question will be read as having two answers and will be ignored for giving any credit. (only for pencil users)
9. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
10. You are not allowed to leave the examination hall until you are advised to do so by the invigilator.

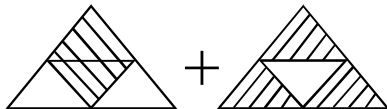
SPACE FOR ROUGH WORK

- (1) -

- Select the odd one:
(A) 10 tens (B) 100 tens
(C) 1 hundred (D) 100 ones
- There were 4820 boys and 3926 girls in a school hall. 1926 students left the school hall. How many students remained in the school hall?
(A) 6840 (B) 6820
(C) 6480 (D) 6280
- Which of the following statements is CORRECT?

2709	P
2799	Q
2750	R
2790	S

 (A) P is the largest of all the other numbers
 (B) S is the smallest of all the other numbers
 (C) P is the smallest of all the other numbers
 (D) R is the largest of all the other numbers
- What is the fraction used to represent the shaded parts?



SPACE FOR ROUGH WORK

- $\frac{2}{4} + \frac{3}{4}$ (A) $\frac{1}{4} + \frac{3}{4}$
 $\frac{3}{4} + \frac{3}{4}$ (C) $\frac{1}{4} + \frac{1}{4}$ (B) (D)
- Sonika went to her friend's house at 1.15pm. His father told her to be back home in 1 hour and 45 mins. What time does Sonika needs to be at home.
(A) 2.00 pm (B) 2.30 pm
(C) 2.45 pm (D) 3.00 pm
- How many 500g sugar packets are required to make 4 kg?
(A) 8 (B) 4
(C) 3 (D) 6
- IJKL and MNOP are two rectangles. Find the length of KP.

(A) 3cm (B) 5cm
(C) 8cm (D) 9cm
- Remo has a ball of string 6 yards long. He needs 20 feet string for a project. What should Remo do first to find out length of strings he require? (1 yard= 3 feet)

- (6) -

- Suppost 33 photos are placed in a photo album. How many pages are needed if 3 photos fit on a page? (A) 9 pages
(B) 10 pages
(C) 11 pages (D) 12 pages
- Which point on the number line below best represent 1.75?

(A) Point A (B) Point B
(C) Point E (D) Point D
- The distance from home to school is $\frac{7}{8}$ of a mile for Amy and $\frac{4}{8}$ of a mile for Tom. How much farther does Amy walk than Tom?
(A) $\frac{4}{8}$ (B) $\frac{11}{16}$
(C) $\frac{3}{16}$ (D) $\frac{3}{8}$
- Which of the following is closest to the sum of 811 and 356?
(A) 1400 (B) 1300
(C) 1200 (D) 1100
- Every Sunday children go to park at 8:40 am and come back at 4:15 pm. How much time do the children spent

- on every sunday?
(A) 8 hrs 35 mins (B) 6 hrs 25 mins
(C) 6 hrs 15 mins (D) 7 hrs 35mins
- Since $4 \times 10 = 40$ and $40 \times 5 = 200$, then which of the following is true?
(A) $14 \times 15 = 200$
(B) $4 \times 10 \times 5 = 200$
(C) $4 \times 10 \times 40 = 200$
(D) $40 \times 10 \times 5 = 200$
- My number is a multiple of 5. It is less than 100 and has a fraction of 6. What is my number?
(A) 25 (B) 36
(C) 60 (D) 66
- If $600 \div A = 300$, what is A?
(A) 200 (B) 30
(C) 20 (D) 2
- Bobbie was writing an article for the school newspaper about the amount of homework the 4th grade teachers were assigning. He was surprised to find out that the average student only spent 20 mins per night doing homework. To make it sound longer, he decided to convert the time from minutes to seconds in the article. How many seconds did the average student spent on homework?
(A) 80 secs (B) 120 secs
(C) 800 secs (D) 1200 secs

SPACE FOR ROUGH WORK

- (5) -

- (A) 1 min 2 secs
(B) 82 secs
(C) 1 min 24 secs
(D) Both B and C
28. What is the sum of the successors of the numbers 4936 and 1595?
(A) 6530 (B) 5530
(C) 6533 (D) 7533
29. The Eiffel tower of Paris is 330 m tall. The Chrysler building in New York is 320m tall. How much taller is the Eiffel tower than the Chrysler building?
(A) 10m (B) 20m
(C) 15m (D) 30m
30. Kunal walks 10 km towards North. From there he walks 6 km towards south, Then he walks 3 km towards east. How far and in which directions is he with reference to his starting point?
(A) 5 km North (B) 5km South
(C) 5 km East (D) 5km North-East
31. Stephanie flew 2448 miles from Los Angeles to New York City. What is the number of miles Stephanie flew rounded to the nearest thousand?
(A) 2000 (B) 2400
(C) 2500 (D) 3000
32. Lily is going to give all the pieces of candy in a bag. She can give an equal number of pieces of candy to 5, 3 or 2 people. Which number of pieces of candy could be Lily's bag?
(A) 12 (B) 20
(C) 30 (D) 45
33. What is S if $6 \times 4 = 3 \times S$?
(A) 8 (B) 6
(C) 4 (D) 24
34. 600 cm =
(A) 0.6km (B) 6mm
(C) 6km (D) 6m
35. A line segment is defined by
(A) 1 point (B) 3 points
(C) 2 points (D) 4 points
36. Which of the following sets of numbers are all of the factors of 24?
(A) 1, 3, 8, 24
(B) 2, 4, 6, 8, 12, 24
(C) 2, 3, 4, 6, 8, 12
(D) 1, 2, 3, 4, 6, 8, 12, 24
37. Which of the following is NOT true about prime numbers ?
(A) They have exactly two factors
(B) One is a factor of every prime numbers
(C) No prime numbers end in zero
(D) All prime numbers are odd

SPACE FOR ROUGH WORK

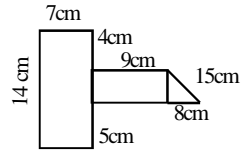
- (2) -

- (A) Multiply 20 by 3
(B) Multiply 20 by 6
(C) Multiply 6 by 3
(D) Multiply 6 by 12
9. Which of the following set of fractions are in descending order?
(A) $\frac{3}{6}, \frac{5}{6}, \frac{7}{6}, \frac{9}{6}, \frac{11}{6}$
(B) $\frac{9}{7}, \frac{5}{7}, \frac{4}{7}, \frac{6}{7}, \frac{3}{7}$
(C) $\frac{18}{19}, \frac{11}{19}, \frac{7}{19}, \frac{6}{19}, \frac{5}{19}$
(D) $\frac{9}{8}, \frac{4}{8}, \frac{6}{8}, \frac{12}{8}, \frac{14}{8}$
10. Product of the third multiple of 4 by 9 is _____.
(A) 33 (B) 108
(C) 54 (D) 216
11. 9 goosbery = 18 g.
3 goosbery + 1 apple = 28g
Weight of an apple _____g
(A) 33 (B) 22
(C) 28 (D) 9
12. Which should not be placed in the box to have the number in order from the greatest to the least?
- 7952 5642 ? 2431
- (A) 2231 (B) 3241
(C) 5611 (D) 5946
13. Kanan plans to cover the boundary of a park with Tiles. What should Karan know to make sure he buys enough tiles?
(A) Length of park
(B) The perimeter of the park
(C) Area of park
(D) None of these
14. John bought 8 bags of blue balls and 6 bags of white balls. Each bag of balls has 9 pieces in it. Which expression could he use to find the total number of balls he bought.
(A) $(9 \times 8) + 6$ (B) $(9 \times 6) + 8$
(C) $9 \times (8 + 6)$ (D) $9 + (8 \times 6)$
15. Which of the following expression is NOT true?
(A) $12 \times 89 = 89 \times 12$
(B) $12 \times 89 = 12 \times (80 + 9)$
(C) $12 \times 89 = (10 + 2) \times 89$
(D) $12 \times 89 = (12 \times 8) + (12 \times 9)$
16. The factor of a number are
(A) Always less than the number
(B) Less than or equal to the number
(C) Greater than or equal to the number
(D) Always greater than the number

SPACE FOR ROUGH WORK

- (3) -

17. The given figure (not drawn to scale) is made up of a rectangle, a square and a triangle. Find the perimeter of the figure.



- (A) 85cm (B) 88cm
(C) 72cm (D) 82cm
18. For the annual examination 1176 children were made to sit in 21 rooms. If every room had equal number of children, find the number of children sitting in one room.
(A) 60 (B) 56
(C) 54 (D) 42
19. Mr. Chaoba travelled 75 km 800 m by car and 1800 km 40 m by air. How much distance did he travel in all?
(A) 1875km 840m (B) 1675km
(C) 175800km (D) 255840km
20. Which of the following is not a twin prime?
(A) (59,61) (B) (41,43)
(C) (29,31) (D) (67,69)

21. Match the following :

Column I

Column II

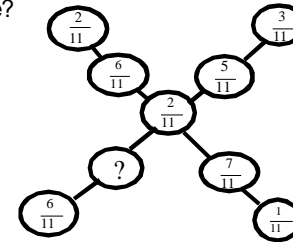
- (I) When number x is multiplied by 10 and then divided by 8, the result is 270, then x is (P) 1632
- (II) There are 48 crates of apples. Each crate contains 34 apples. Number of apples altogether are (Q) 324
- (III) Subtract 3987 from the sum of 4687 and 28080. (R) 216
- (IV) The product of third multiple of 9 with 12 is (S) 28780
- (A) (I) → (P), (II) → (Q), (III) → (R), (IV) → (S)
(B) (I) → (R), (II) → (P), (III) → (S), (IV) → (Q)
(C) (I) → (R), (II) → (P), (III) → (Q), (IV) → (S)
(D) (I) → (R), (II) → (S), (III) → (P), (IV) → (Q)

- (4) -

22. If the letter _____ is removed from the letters given below, the dotted lines will be a line of symmetry.
----E----H----I----J----

- (A) E (B) H
(C) I (D) J

23. Which number should come in place of '?' so that sum of each arm is same?



- (A) $\frac{6}{11}$ (B) $\frac{2}{11}$

- (C) $\frac{9}{11}$ (D) $\frac{3}{11}$

24. The last day of our exam is 2nd oct, 2017 and the prize distribution will be held on 25th December 2017. The number of days taken by the organizer for the prize distribution is

- (A) 84 days (B) 85 days
(C) 83 days (D) 86 days

25. Who among the following students made the CORRECT statement?
Samnath : $\frac{2}{9}$ and $\frac{4}{18}$ are equivalent
Kavleen : Two fractions are equivalent when they have same denominator
Mohit : Two fractions are equivalent when they have same value.
(A) Samnath and Kavleen
(B) Kavleen and Mohit
(C) Samnath and Mohit
(D) All are correct

26. Each letter represents a different digit. The same letter represents the same digit. The digits A and B respectively are _____

$$\begin{array}{r} A \quad A \quad A \\ \times \quad \quad 6 \\ \hline 1 \quad B \quad B \quad A \end{array}$$

- (A) 5,4 (B) 4,3
(C) 3,2 (D) 2,3

27. Mini took 14 mins 8 secs to walk from her home to school. On her way back home, she took another route and reach home in 12 min 44 secs. How much time did she save by taking the shorter route?

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK