Semestral Assessment 2

Section A	28
Section B	40
Section C	32
TOTAL	100

Duration: 1 h 45 min

Specimen Paper 1

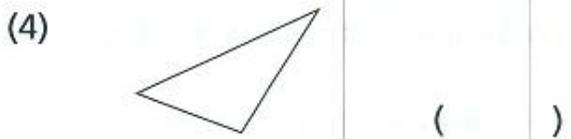**Section A** (14 questions – 2 marks each)

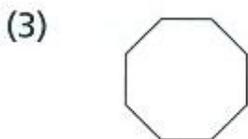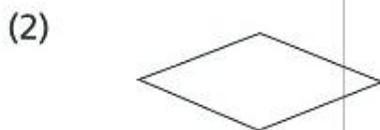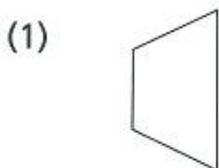Choose the correct answer and write its number in the brackets provided.

1. The digit 2 in 13.027 stands for 2 _____.
   (1) tens
   (2) ones
   (3) tenths
   (4) hundredths   (   )

2. _____ when rounded to the nearest whole number is 5.
   (1) 5.601
   (2) 5.09
   (3) 4.499
   (4) 5.5   (   )

3. Which of the following letters is symmetric?
   (1) D
   (2) N
   (3) Z
   (4) S   (   )

4. Which of the following gives an answer with the greatest value?
   (1) 0.49×4
   (2) $11 - 9.01$
   (3) $0.59 + 1.27$
   (4) $15 \div 7$ (   )

5. Express $\frac{23}{8}$ as a decimal.
   (1) 0.238
   (2) 2.3
   (3) 2.38
   (4) 2.875   (   )

6. What is the remainder when 7001 is divided by 6?
   (1) 5   (2) 2
   (3) 3   (4) 4   (   )

7. The perimeter of a rectangle is 48 cm. Its length is 16 cm. What is its breadth?
   (1) 3 cm   (2) 8 cm
   (3) 16 cm   (4) 32 cm   (   )

8. The area of a square is 400 cm². Find its length.
   (1) 20 cm   (2) 40 cm
   (3) 100 cm   (4) 200 cm   (   )

9. Which of the following figures is not a symmetric figure?

   (1)   (2)

   (3)   (4)

                                                                   (   )

10. What is the value of $4 - \frac{3}{10}$?

    (1) $\frac{1}{10}$ (2) $\frac{7}{10}$

    (3) $1\frac{1}{10}$ (4) $3\frac{7}{10}$ (   )

11. What is the product of all the factors of 4?
    (1) 8   (2) 2
    (3) 7   (4) 4   (   )

12. Which of the following is a multiple of both 3 and 8?
    (1) 72   (2) 54
    (3) 42   (4) 32   (   )

13. A bus left town A and reached town B at 02 10 the next day. The journey took 4 h 20 min. At what time did the bus leave town A?
    (1) 9.50 a.m.   (2) 10.50 p.m.
    (3) 9.50 p.m.   (4) 4.20 a.m.   (   )

14. What fraction of the shapes are circles?

△ □ ○ △
○ △ □ ○ △

    (1) $\frac{4}{9}$ (2) $\frac{1}{3}$

    (3) $\frac{3}{4}$ (4) $\frac{1}{2}$ (   )

Section B (20 questions – 2 marks each)
Write the correct answer to each question in the spaces provided.

15. Round 29 895 to the nearest ten.

    Answer: _____

16. Express 37 thousandths as a decimal.

    Answer: _____
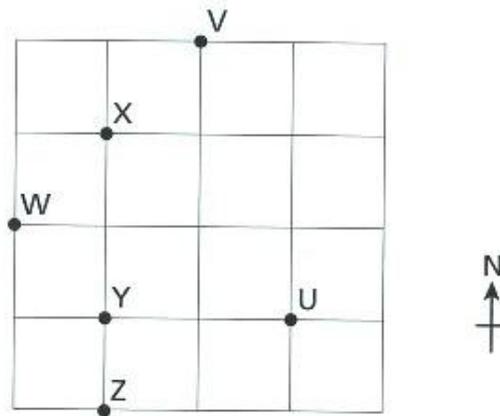
17. Express 3 min 15 s in seconds.

    Answer: _____ s

18. Express 4.68 as a mixed number in its simplest form.

    Answer: _____

19. Find the sum of 2, $\frac{1}{4}$ and $\frac{7}{8}$.

Answer: _____

Use the diagram below to answer questions 20 and 21.

20. Which point is south-west of point X?
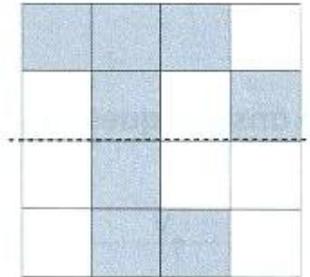
Answer: _____

21. Which point is south of point Y?

Answer: _____

22. Arrange the numbers in order, beginning with the smallest.

$\frac{209}{1000}$, 0.03, $\frac{1}{5}$

Answer: _____

23. In the figure, the dotted line is a line of symmetry. Shade two more squares to complete the symmetric figure.

24. Albert wants to buy a pair of shoes that costs $45. He has only $18.75. How much more money does he need?

Answer: $ _____

25. Find the difference between the 8th multiple of 7 and 6th multiple of 9.

Answer: _____

26. Kenneth obtained a total of 154 marks for his Maths and Science test. His Maths results was 15 more marks than his Science results. Find his Maths results.

Answer: _____

27. Peter started jogging at 18 50. He jogged for 1 h 15 min. At what time did he stop jogging?

Answer: _____

28. Harold is 1.5 m tall. His brother is 27 cm shorter than him. Find his brother's height.

Answer: _____ m

29. 4 boys bought a football for $36.80. They shared the cost equally. How much money did each boy pay for his share?

Answer: $_____

30. Glen earns $750 in a month. How much does he earn in 2 years?

Answer: $_____

31. $\frac{2}{9}$ of the pupils in a class are girls. There are 36 pupils in the class. How many more boys than girls are there?

Answer: _____

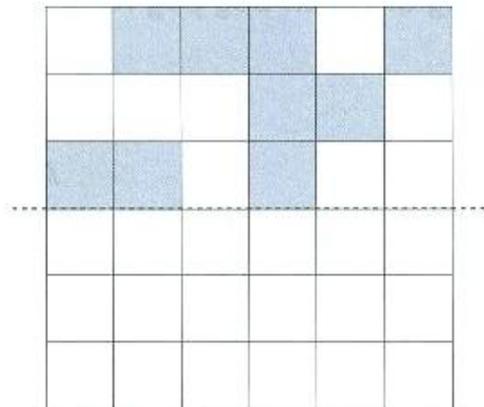32. Joel has $13.20 more than Cynthia. He has 4 times as much money as Cythnia. How much money does Joel have?

Answer: $_____

33. What is the missing number?

$\frac{2}{5}$ of 60 = 3 × _____

Answer: _____

34. In the figure, the dotted line is a line of symmetry. Shade the squares to complete the symmetric figure.

Section C (8 questions – 4 marks each)
Write the correct answer to each question in the spaces provided.

35. The concert performance started at 19 45. It ended at 22 10. How long was the performance? Draw the timeline and give your answer in hours and minutes.

Answer: _____

36. A packet of milk cost $1.65. Mr Chan bought 4 packets of milk and gave the cashier a $50 note. How much change would he get?
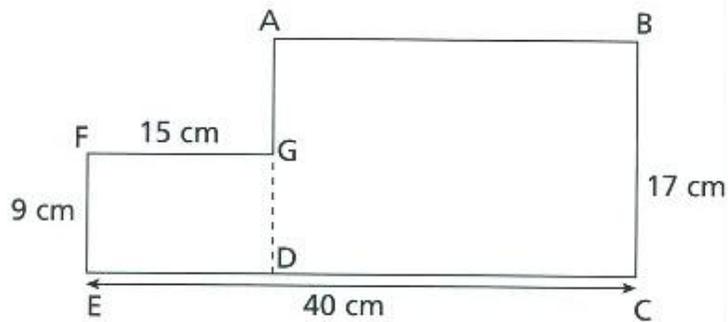
Answer: _____

37. Sally has $6.50. She has $2.90 more than Kim. Patricia has thrice as much money as Sally. How much money do the three children have altogether?

Answer: _____

38. Siti opened her piggy bank and found 46 coins. The coins are either 10¢ or 50¢ coins. The total value of all the coins is $9.40. How many more 10¢ coins than 50¢ coins does she have?

Answer: _____

39. The figure below is made up of two rectangles, ABCD and DEFG.
    (a) Find the perimeter of the figure.
    (b) Find the area of the figure.

Answer: (a) _____

(b) _____

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40. The cost of a book is $\frac{3}{7}$ of the cost of a bag. The book costs $15.40 less than the bag.
    (a) Find the cost of the book
    (b) Find the cost of the bag.

Answer: (a) _____

(b) _____

41. Mdm Ramesh has 2 bank accounts. She has $225 in account X and $1575 in account Y. How much money must she transfer from account Y to account X so that account Y has 4 times as much money as account X?

Answer: _____

42. Susan is 2 times as old as Mary. Harris is $\frac{5}{6}$ as old as Susan. Harris is 15 years old this year.
    (a) How old is Mary this year?
    (b) How old will Susan be next year?

Answer: (a) _____

(b) _____