Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 42 questions in this test. Answer all questions.
3. Time allowed is 50 minutes.
4. Write your answers in this Question-Answer Booklet.
5. Do not write in the margins.
6. Use of calculators is not allowed.
7. Do your rough work on the rough work sheet provided.
8. Write your School Code, Class and Class Number in the boxes below.

Instructions for answering questions:

(a) Multiple choice questions – Blacken the circle next to the correct answer with an HB pencil. For example:

○ A
○ B
○ C
○ D

(b) Questions in which you are asked to “Show your working” – Write your mathematical expressions, answers and statements/conclusions in the spaces provided. There is NO need to show your rough work.

(c) Other types of questions – Answer as required in the spaces provided.

Write one capital letter in this box

此格只許填寫一個大楷英文字母
1. Write the number 12,905 in words.
Answer: ___________________________

2. Which of the following numbers is a common multiple of 12 and 18?
   - A. 6
   - B. 12
   - C. 18
   - D. 72

3. Express the shaded part as a fraction of the whole figure below.
   
   Answer: The shaded part is ______ of the whole figure.

4. The above diagram shows three large squares. Each large square represents 1. Use a decimal to show the shaded part of the above diagram.
   Answer: ______________
5. Change \(2\frac{1}{6}\) into a decimal and correct the answer to two decimal places.

Answer: __________

6. \(16 \times 257 = \) __________

7. When 610 is divided by 25, the quotient is ________ and the remainder is ________.

8. \(2\frac{1}{7} \times \frac{2}{3} = \) __________

9. \(\frac{1}{3} + \frac{1}{3} \div \frac{2}{3} = \)
   - A. \(\frac{4}{9}\)
   - B. \(\frac{5}{9}\)
   - C. \(\frac{5}{6}\)
   - D. 1
10. \[ 1.64 \div 0.8 = \] 

11. \[ 7.2 \times (10 - 2.8) = \]

12. 960 pieces of chalk are packed into boxes. Each box contains 24 pieces.
   Each class is given 5 boxes of chalks. The boxes of chalks can be shared among \_
   \_
   \_
   \_
   \_

13. A school has 432 boys and 288 girls. What fraction of the pupils are girls?

   Answer: 

14. A candy weighs 4.5 g.

   18 candies weigh \_
   \_
   \_
   \_

15. (a) Fill in the boxes with suitable numbers.

   \[ \frac{1}{2} \] is larger than \[
   \]

   (b) \[ \frac{6}{6} \] is * smaller than / equal to / larger than 6.
   (*Circle the answer)
16. A 0.35 L can and a 1.25 L carton of orange juice just fill up 8 cups of equal capacity. What is the capacity of each cup?

(Show your working)

17. John had pocket money of 828 dollars. He spent 241 dollars. Then his mother gave him 100 dollars.

Which of the following expressions is most suitable to estimate the amount of John’s pocket money now?

○ A. $820 - 240 + 100$
○ B. $820 - 250 + 100$
○ C. $830 - 240 + 100$
○ D. $830 - 250 + 100$
18. A loaf of bread costs $13.80. A carton of milk costs $5.70. Kelvin buys a loaf of bread and a carton of milk.

(a) If Kelvin pays with 50-cent coins only, he should give _______ coins altogether.

(b) Give a disadvantage of paying with 50-cent coins only.
Answer: ____________________________________________

19. (a) Change $\frac{1}{10}$ into a percentage.

Answer: ________ %

(b) Change 55% into a fraction and reduce it to the simplest form.

Answer: 

20. The shaded part of the figure above is _______ % of the whole.
21.

**All Goods Sold at $15\%$ Off**

$\underline{95}$  $\underline{45}$

Mrs Chan buys a pot and a knife. How much should she pay?

(Show your working)
22. Vivian ordered a pizza in the evening. The clock showed the time when the order was made.

(a) Vivian ordered the pizza at _________ minutes to _________ in the * morning / afternoon.

(*Circle the answer)

(b) Vivian received the pizza half an hour after the order was made. In '24-hour time', she received the pizza at _________ : _________.

23. The figure on the right is a circle. OA is its radius.

(a) O is the ______________ of the circle.

(b) Use a ruler to measure the length of OA.

Answer: The length of OA is about _________ mm.
(Give the answer as a whole number)

(c) The length of a diameter is _________ times the length of OA.
24. Fill in each blank with a suitable unit of measurement.

(a) The height of a child is about 1.2 ________.

(b) The weight of ten pencils is about 200 ________.

(c) The capacity of a bowl is about 500 ________.

25. [Diagram of shapes X and Y]

Study the diagrams above. Which of the following statements is correct?

○ A. The perimeters of X and Y are the same.
○ B. The perimeter of X is longer than that of Y.
○ C. The perimeter of Y is longer than that of X.
○ D. The perimeter of X and Y cannot be compared.
26. Figure C is made up of two squares A and a rectangle B.  
(a) The perimeter of a square A is __________ cm.  
(b) The perimeter of a rectangle B is __________ cm.  
(c) The perimeter of Figure C is __________ cm.  

27. The diameter of a hula hoop is $\frac{7}{10}$ m.  
Find the circumference.  
( Take $\pi$ as $\frac{22}{7}$ )  

Answer: The circumference is __________ m.
28. A triangle is cut away from a piece of rectangular paper. What is the area of the remaining part? (Show your working)

29. The capacity of the above rectangular container is ________ L.
30. Janice swims at a speed of 2 m/s. She finishes 25 m in _________ seconds.

31.

(a) Which of the 2-D shapes above is / are hexagon(s)? Write the letter(s) for the answer.
Answer: __________________

(b) Which of the 2-D shapes above is / are quadrilateral(s)? Write the letter(s) for the answer.
Answer: __________________
32. The above figure is a * pyramid / prism. (*Circle the answer)
   It has _________ faces and _________ edges.

33. Study the following 2-D shapes. Write the letter(s) for the answers.

   A  B  C
   D  E  F

(a) Circle: ___________

(b) Equilateral triangle: ___________
(a) Sports Ground is to the __________ of Clinic.
    (direction)

(b) Starting from School, Vivian goes __________ to
    Library.
    (direction)

(c) Puppy is to the south-east of ____________.
35. Which of the following stands for ‘p is divided by 4 and then plus 2’?

- A. \( \frac{p}{4} + 2 \)
- B. \( \frac{p}{4} + 2 \)
- C. \( \frac{p + 2}{4} \)
- D. \( \frac{4}{p} + 2 \)

36. Which of the following are equations? Write the letters for the answer.

A. \( 20 + 7B \)
B. \( 30 - 2 = 28 \)
C. \( 84 = 7 \times 12P \)
D. \( 7 + 2 = 3e \)
E. \( (3C + 5) \times 2 \)

Answer: ________________

37. \( 50n = 3 \)

\[ n = \boxed{\text{[Blank]}}, \]
38. \[ 14 + \frac{A}{2} = 20 \]
    \[ A = \square \]

39. Linda spends $354 on a schoolbag. The price of the schoolbag is \( \frac{4}{5} \) of her pocket money plus $6. Find the original amount of Linda’s pocket money by the method of solving an equation. (Show your working)
40. The following pictogram shows the number of different types of vehicles parked in Grand Car Park yesterday.

**Number of Different Types of Vehicles**  
**Parked in Grand Car Park Yesterday**

Each 🚗 stands for 10 vehicles

<table>
<thead>
<tr>
<th>Type</th>
<th>🚗</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Car</td>
<td>🚗</td>
</tr>
<tr>
<td>🚗</td>
<td></td>
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</table>

(a) Among the five types of vehicles parked in Grand Car Park yesterday, _______________ was the fewest.

The number of the fewest type was __________ only.

(b) Same number of __________ and __________ were parked in Grand Car Park yesterday.

(c) The total number of vehicles parked in Grand Car Park yesterday was __________.
41. The following table shows the number of absentees of a school last week.

<table>
<thead>
<tr>
<th>Weekday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of absentees</td>
<td>14</td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>8</td>
</tr>
</tbody>
</table>

According to the data above, complete the following bar chart and give it a suitable title.

(Title)
42. Find the average of the five numbers below.

\[ 20 , 19.5 , 100 , \frac{101}{2} , 100 \]

Answer: The average is \_\_\_\_\_\_\_\_\_\_\_.

— END OF PAPER —