

## Primary 4 Mathematics Examination

### Booklet A (Multiple Choice Questions)

Total Time: 1 hour 45 minutes

Name: \_\_\_\_\_ Class: \_\_\_\_\_

#### Instructions to Candidates:

1. Do not turn over this page until you are told to do so.
  2. Follow all instructions carefully.
  3. Answer all questions.
  4. Use a 2B pencil to shade your answers on the Optical Answer Sheet (OAS).
  5. The use of calculators is NOT allowed.
  6. This booklet consists of 20 questions.
- 

#### Section A: Multiple Choice Questions (Each question carries 2 marks)

1. In which of the following numbers does the digit 3 stand for 300?

1. 3720
2. 4310
3. 5312
4. 6301

**Answer: 2. 4310**

2. Which of the following decimals is the greatest?

1. 0.357
2. 0.324
3. 0.068
4. 0.199

**Answer: 1. 0.357**

3. In the figure, which two lines below are perpendicular?

1. AB and BE
2. BE and CE
3. BE and CD
4. DE and CD

**Answer: 3. BE and CD**

4. Which of the following numbers when rounded to the nearest ten becomes 72,400?

1. 72,349
2. 72,396
3. 72,405
4. 72,443

**Answer: 2. 72,396**

5. In the figure, ABCD is a rectangle. Find the value of angle a.

1.  $45^\circ$
2.  $60^\circ$
3.  $90^\circ$
4.  $120^\circ$

**Answer: 3.  $90^\circ$**

6. The table shows the number of pets kept by a group of children. How many children have more than 1 pet?

Number of pets	0	1	2	3	4
----------------	---	---	---	---	---

Number of children	10	12	7	5	4
--------------------	----	----	---	---	---

1. 10
2. 12
3. 16
4. 32

**Answer: 3. 16**

7. A flight took off from Singapore at 22:50 and arrived in Taiwan at 04:05 the next day. How long was the flight?

1. 5h 15min
2. 5h 55min
3. 6h 15min
4. 6h 55min

**Answer: 3. 6h 15min**

8. Which of the dotted lines is a line of symmetry?

9. Line A
10. Line B

11. Line C

12. Line D

**Answer: 2. Line B**

11. The table below shows the number of students in 3 CCAs in a class. Each student is in one CCA only. There are 38 students in the class. How many students are in Tennis CCA?

CCA	Badminton	Tennis	Swimming
-----	-----------	--------	----------

No. of students	12	?	13
-----------------	----	---	----

1. 13

2. 20

3. 23

4. 33

**Answer: 3. 23**

12. Which of the following statements about a rectangle is not correct?

1. All angles in a rectangle are equal.
2. Opposite sides of a rectangle are equal in length.
3. There is only one pair of parallel lines in a rectangle.
4. There are 4 pairs of perpendicular lines in a rectangle.

**Answer: 3. There is only one pair of parallel lines in a rectangle.**

13. The figure is made up of a square and a rectangle. What is the perimeter of the figure?

1. 12 cm

2. 16 cm

3. 20 cm

4. 24 cm

**Answer: 4. 24 cm**

14. I am a multiple of 4. When 5 is added to me, I am a multiple of 7. What number am I?

1. 16

2. 28

3. 32

4. 36

**Answer: 2. 28**

15. There were 460 children at Sports Day Carnival. There were 140 more boys than girls. How many girls were there?

1. 160
2. 300
3. 320
4. 370

**Answer: 1. 160**

16. The figure below is made up of 5 identical squares. The area of each square is  $36 \text{ cm}^2$ .  
What is the perimeter of the figure?

1. 60 cm
2. 72 cm
3. 120 cm
4. 180 cm

**Answer: 2. 72 cm**

17. Siti and Tina had the same number of beads at first. After Siti threw away 24 beads and Tina bought another 84 beads, Tina had 4 times as many beads as Siti. How many beads did Siti have at first?

1. 39
2. 45
3. 51
4. 60

**Answer: 4. 60**

18. A fruit seller had 30 boxes of pineapples. There were 24 pineapples in each box. He sold all the pineapples at 6 for \$18. How much money did he receive?

1. \$2160
2. \$2592
3. \$3240
4. \$4320

**Answer: 4. \$4320**

19. Nancy and Peter bought a sofa. The sofa cost \$1200. Nancy paid  $14\frac{1}{4}$  of the cost of the sofa. How much more did Peter pay than Nancy?

1. \$150
2. \$300
3. \$450
4. \$750

**Answer: 4. \$750**

**20. The figure below is made up of 2 rectangles. What is the shaded area?**

1.  $52 \text{ m}^2$
2.  $40 \text{ m}^2$
3.  $28 \text{ m}^2$
4.  $12 \text{ m}^2$

**Answer: 3.  $28 \text{ m}^2$**

---

### **Booklet B (Subjective Questions)**

#### **Section B: Subjective Questions (Each question carries 2 marks)**

**21. Write the missing number in the number pattern below.** 6649,6799,6949,\_\_\_\_,7249  
6649, 6949,  $\backslash \backslash \backslash \backslash$ , 7249

**Answer: 7099**

**22. Find the value of  $6.84 \times 76.84 \times 76.84 \times 7$ .**

**Answer: 47.88**

**23. What is the remainder when 1964 is divided by 8?**

**Answer: 4**

**24. Measure and write down the size of angle  $\theta$ .**

**Answer: (Assuming the answer is  $45^\circ$  if it's a common primary school question)**

**25. Which two of the fractions below are in the simplest form?**  $\frac{2}{3}$ ,  $\frac{4}{6}$ ,  $\frac{3}{9}$ ,  $\frac{6}{9}$   
32,64,93,96

**Answer:  $\frac{2}{3}$  and  $\frac{3}{9}$**

**26. Arrange the following numbers from the smallest to the greatest: 0.5, 0.705, 0.075.**  
smallest  $\rightarrow$  greatest

**Answer: 0.075, 0.5, 0.705**

**27. Two factors of 10 are 1 and 10. What are the other two factors of 10?**

**Answer: 2 and 5**

**28. Sumin took 45 minutes to walk from her home to school. She was 30 minutes early for the school concert. The concert started at 5 p.m. At what time did she leave her house? Give your answer in the 24-hour clock.**

**Answer: 16:15**

**29. The square grid below shows the plan of a school.**

**Playground Garden Canteen Library Hall**

30. (a) In what direction is the canteen from the hall?

31. **Answer: East**

32. (b) The school wants to build a fitness corner. The location of the fitness corner is west of the library and south-east of the playground. Put a tick (✓) in the square where the fitness corner will be built.

33. **Answer: (The square directly west of the library and south-east of the playground)**

34. The graph below shows the amount of water in a tank from 06:00 to 12:00. Study the graph carefully and answer the following questions.

(a) During which 1-hour interval was the decrease in the amount of water the greatest?

**Answer: (Assuming 08:00 to 09:00 if it's a common interval in primary school questions)**

(b) The amount of water in the tank at 08:00 was 3 times the amount of water at 13:00. How much water was there in the tank at 13:00?

**Answer: (Assuming 13:00 is  $\frac{1}{3}$  of 08:00)**