

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

1. What is the sum of 432 and 567?

1. 899
2. 999
3. 1000
4. 1099

Answer: 2. 999

2. Which of the following is an even number?

1. 13
2. 25
3. 42
4. 57

Answer: 3. 42

3. What is the product of 9 and 8?

1. 63
2. 72
3. 81
4. 98

Answer: 2. 72

4. What is 25% of 200?

1. 25
2. 50
3. 75
4. 100

Answer: 2. 50

5. Which fraction is larger? $\frac{34}{3^4 4^3}$ or $\frac{23}{2^3 3^2}$

1. $\frac{34}{3^4 4^3}$
2. $\frac{23}{2^3 3^2}$
3. Both are equal
4. Cannot be determined

Answer: 1. $\frac{34}{3^4 4^3}$

6. Which number is a multiple of 5?

1. 22
2. 33
3. 40
4. 56

Answer: 3. 40

7. How many days are there in a leap year?

1. 365
2. 366
3. 367
4. 368

Answer: 2. 366

8. What is the value of 525^{252} ?

1. 10
2. 15
3. 20
4. 25

Answer: 4. 25

9. Which of the following numbers is a prime number?

1. 21
2. 29
3. 33
4. 49

Answer: 2. 29

10. Which of the following has no line of symmetry?

1. Circle
2. Square
3. Triangle
4. Scalene triangle

Answer: 4. Scalene triangle

11. What is the place value of 5 in the number 3584?

1. 5
2. 50
3. 500
4. 5000

Answer: 3. 500

12. Which angle is larger?

1. 45°
2. 90°
3. 120°
4. 180°

Answer: 4. 180°

13. What is the perimeter of a triangle with sides 5 cm, 7 cm, and 10 cm?

1. 20 cm
2. 22 cm
3. 24 cm
4. 26 cm

Answer: 2. 22 cm

14. If 3 bags of flour weigh 6 kg, how much does 1 bag weigh?

1. 1 kg

- 2. 2 kg
- 3. 3 kg
- 4. 4 kg

Answer: 2. 2 kg

15. How many minutes are there in 1.5 hours?

- 1. 60 minutes
- 2. 90 minutes
- 3. 100 minutes
- 4. 120 minutes

Answer: 2. 90 minutes

16. What is the area of a square with side length 6 cm?

- 1. 12 cm^2
- 2. 18 cm^2
- 3. 24 cm^2
- 4. 36 cm^2

Answer: 4. 36 cm^2

17. A rectangle has a length of 12 cm and a width of 5 cm. What is its perimeter?

- 1. 17 cm
- 2. 24 cm
- 3. 34 cm
- 4. 40 cm

Answer: 3. 34 cm

18. Which number is not a factor of 36?

- 1. 3
- 2. 4
- 3. 5
- 4. 6

Answer: 3. 5

19. What is $2.5 + 3.75$?

- 1. 5.25
- 2. 6.00

3. 6.25

4. 7.00

Answer: 3. 6.25

20. How many grams are there in 3 kilograms?

1. 300 grams

2. 3000 grams

3. 30 grams

4. 30000 grams

Answer: 2. 3000 grams

Booklet B (Subjective Questions)

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

21. Write the next number in the sequence: 1, 4, 7, 10, ____.

Answer: 13

22. Simplify the fraction $\frac{1525}{15 \times 25}$.

Answer: $\frac{35}{3 \times 5}$

23. Calculate the value of $9 \times 6 - 89 \times 6 - 89 \times 6 - 8$.

Answer: 46

24. What is the remainder when 431 is divided by 8?

Answer: 7

25. Measure and write down the size of angle θ . (Assume it is a common primary school angle measurement problem)

Answer: 60°

26. Solve the equation: $4x - 5 = 15$

Answer: $x = 5$

27. Convert 4.5 liters to milliliters.

Answer: 4500 ml

28. A rectangle has a perimeter of 40 cm. If the length is 12 cm, what is the width?

Answer: 8 cm

29. Sarah has 80 marbles. She gives $\frac{1}{4}$ of them to her friend. How many marbles does she give?

Answer: 20

30. Find the product of the first four prime numbers.

Answer: $2 \times 3 \times 5 \times 7 = 210$

31. A school bought 200 new chairs. Each chair costs \$25. How much did the school spend in total?

Answer: \$5000

32. The table shows the number of apples picked by four friends.

Friend Number of Apples

Anna 15

Ben 20

Cara 18

Dan 22

33. What is the average number of apples picked by the friends?

Answer: $15+20+18+22=75$, $75/4=18.75$

34. If the length of a rectangle is thrice its width and the perimeter is 48 cm, what are the length and width?

Answer: Length = 18 cm, Width = 6 cm

35. Jane has \$60. She buys 4 notebooks for \$8 each and a pen for \$4. How much money does she have left?

Answer: $\$60 - (4 \times \$8 + \$4) = \$60 - \$36 = \24

36. Express $\frac{810}{108}$ as a decimal.

Answer: 0.8

37. A rectangular garden is 20 meters long and 10 meters wide. What is its area?

Answer: 200 m^2

38. Tom ran 3 laps around a track. Each lap is 400 meters. How many kilometers did he run in total?

Answer: $3 \times 400 = 1200$ meters = 1.2 kilometers

39. Convert 2500 milliliters to liters.

Answer: 2.5 liters