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. **What is the value of 7 hundreds, 8 tens, and 5 ones?**

    1. 785

    2. 875

    3. 7850

    4. 578

Answer: 1. 785

2. **Which fraction is equivalent to 48/{4}{8}84?**

    1. 12/{1}{2}21

    2. 23/{2}{3}32

    3. 34/{3}{4}43

    4. 14/{1}{4}41

Answer: 1. 12/{1}{2}21

3. **What is 0.6 as a fraction in its simplest form?**

    1. 610/{6}{10}106

    2. 35/{3}{5}53

    3. 23/{2}{3}32

    4. 12/{1}{2}21

Answer: 2. 35/{3}{5}53

4. **What is the perimeter of a square with side length 5 cm?**

    1. 10 cm

    2. 15 cm

    3. 20 cm

    4. 25 cm

Answer: 3. 20 cm

5. **Which of the following is a prime number?**

    1. 9

    2. 15

    3. 17

    4. 21

Answer: 3. 17

6. **How many vertices does a rectangular prism have?**

    1. 4

    2. 6

    3. 8

    4. 12

Answer: 3. 8

7. **If 1 meter equals 100 centimeters, how many centimeters are there in 2.5 meters?**

    1. 25 cm

    2. 250 cm

    3. 2500 cm

    4. 25,000 cm

Answer: 2. 250 cm

8. **Which of the following numbers is a multiple of both 2 and 3?**

    1. 12

    2. 18

    3. 24

    4. All of the above

Answer: 4. All of the above

9. **What is the value of 8×7−58 $\times$ 7 - 58×7−5?**

1. 51
2. 54
3. 56
4. 60

Answer: 1. 51

10. **Which of the following angles is a right angle?**

    1. 30°
    2. 45°
    3. 60°
    4. 90°

Answer: 4. 90°

11. **A bottle contains 1.5 liters of water. How many milliliters is this?**

    1. 150 ml
    2. 1500 ml
    3. 15 ml
    4. 15000 ml

Answer: 2. 1500 ml

12. **What is the next number in the sequence: 2, 4, 8, 16, ...?**

    1. 20
    2. 24
    3. 32
    4. 40

Answer: 3. 32

13. **Which figure has the greatest number of lines of symmetry?**

    1. Circle
    2. Square
    3. Rectangle
    4. Triangle

Answer: 1. Circle

14. **A car traveled 150 km in 3 hours. What was its average speed?**

    1. 50 km/h

2. 60 km/h

3. 75 km/h

4. 100 km/h

Answer: 1. 50 km/h

15. **How many faces does a cube have?**

    1. 4

    2. 6

    3. 8

    4. 12

Answer: 2. 6

16. **What is the area of a rectangle with a length of 8 cm and a width of 5 cm?**

    1. 13 cm²

    2. 20 cm²

    3. 40 cm²

    4. 80 cm²

Answer: 3. 40 cm²

17. **If the ratio of boys to girls in a class is 3:2 and there are 30 students in total, how many boys are there?**

    1. 10

    2. 12

    3. 15

    4. 18

Answer: 4. 18

18. **What is the sum of the interior angles of a triangle?**

    1. 90°

    2. 180°

    3. 270°

    4. 360°

Answer: 2. 180°

19. **What is the decimal equivalent of 34/{3}{4}43?**

    1. 0.25

2. 0.3

3. 0.5

4. 0.75

Answer: 4. 0.75

20. **If a train leaves at 14:30 and arrives at 17:45, how long is the journey?**

    1. 2 hours 15 minutes

    2. 2 hours 45 minutes

    3. 3 hours 15 minutes

    4. 3 hours 30 minutes

Answer: 3. 3 hours 15 minutes

Booklet B (Subjective Questions)

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

21. **Write the next two numbers in the sequence: 10, 20, 30, 40, ___, ___.**

Answer: 50, 60

22. **Simplify the fraction 1216/{12}{16}1612.**

Answer: 34/{3}{4}43

23. **Calculate the value of 7.5×87.5 \times 87.5×8.**

Answer: 60

24. **What is the remainder when 567 is divided by 9?**

Answer: 0

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

Answer: 45°

26. **Solve the equation: 5x+3=185x + 3 = 185x+3=18.**

Answer: x=3x = 3x=3

27. **Convert 3.75 liters to milliliters.**

Answer: 3750 ml

28. **A rectangle has a perimeter of 30 cm. If the length is 10 cm, what is the width?**

Answer: 5 cm

29. **Tom has 45 marbles. He gives 13/{1}{3}31 of them to Jerry. How many marbles does Jerry get?**

Answer: 15

30. **Find the sum of the first five prime numbers.**

Answer: 2 + 3 + 5 + 7 + 11 = 28

31. **A school bought 120 new chairs. Each chair costs $35. How much did the school spend in total?**

Answer: $4200

32. **The table shows the number of books read by students in a month.**

Student	Number of Books
Amy	4
Ben	6
Cara	5
Dan	7

33. **What is the average number of books read by the students?**

Answer: 4+6+5+74=5.5/{4 + 6 + 5 + 7}{4} = 5.544+6+5+7=5.5

34. **If the length of a rectangle is twice its width and the perimeter is 36 cm, what are the length and width?**

Answer: Length = 12 cm, Width = 6 cm

35. **Jenny has $50. She buys 3 notebooks for $4 each and a pen for $6. How much money does she have left?**

Answer: $50 - (3 \times $4 + $6) = $50 - $18 = $32