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CBSE Sample Paper Class 6 Mathematics 2020-21

Subject: Mathematics Class: 6

Time: 3 Hours Maximum Marks: 80

Note:

- All questions are compulsory.

- The question paper consists of 30 questions divided into four sections: A, B, C, and D.

- Section A contains 8 questions of 1 mark each.

- Section B contains 8 questions of 2 marks each.

- Section C contains 10 questions of 3 marks each.

- Section D contains 4 questions of 5 marks each.

- Use of calculators is not permitted.

Section A:

1. Write the successor of 153.

2. What is the place value of 7 in the number 478?

3. Simplify: 18 + 27 - 13.

4. Find the product of 6 and 4.

5. Write the prime factorization of 24.

6. Solve: $3 \times (7 + 4)$.

7. What is the sum of 64 and 29?

8. Write the expanded form of 932.

Section B: 9. Evaluate: 25 - (12 + 5).

10. Find the LCM of 8 and 12.

11. If a toy costs ₹35, how much will 4 such toys cost?

12. Find the perimeter of a rectangle with length 8 cm and breadth 5 cm.

13. Subtract 3.45 from 9.75.

14. Write the Roman numeral for 100.

15. Solve: 3 × (4 + 5) - 7.

16. Find the smallest 3-digit number that is divisible by both 6 and 8.

Section C: 17. Solve: 4 × 3 + 6 ÷ 2.

18. Divide 735 by 5 and check the answer.

19. A box contains 35 chocolates. If 12 chocolates are taken out, how many chocolates are left?

20. Find the area of a square with a side length of 6 cm.

21. Solve: 2 + 3 × 4 - 5.

22. Find the smallest prime number greater than 20.

23. A rectangle has a length of 12 cm and a perimeter of 40 cm. Find its breadth.

24. Subtract 8.67 from 20.35.

Section D: 25. Find the value of $4^2 - 2^3 ÷ 4 + 5$.

26. The sum of two numbers is 82. If one number is 42, find the other number.

27. A rectangular field is 40 m long and 30 m wide. Find its area and perimeter.

28. Find the sum of all prime numbers between 30 and 40.