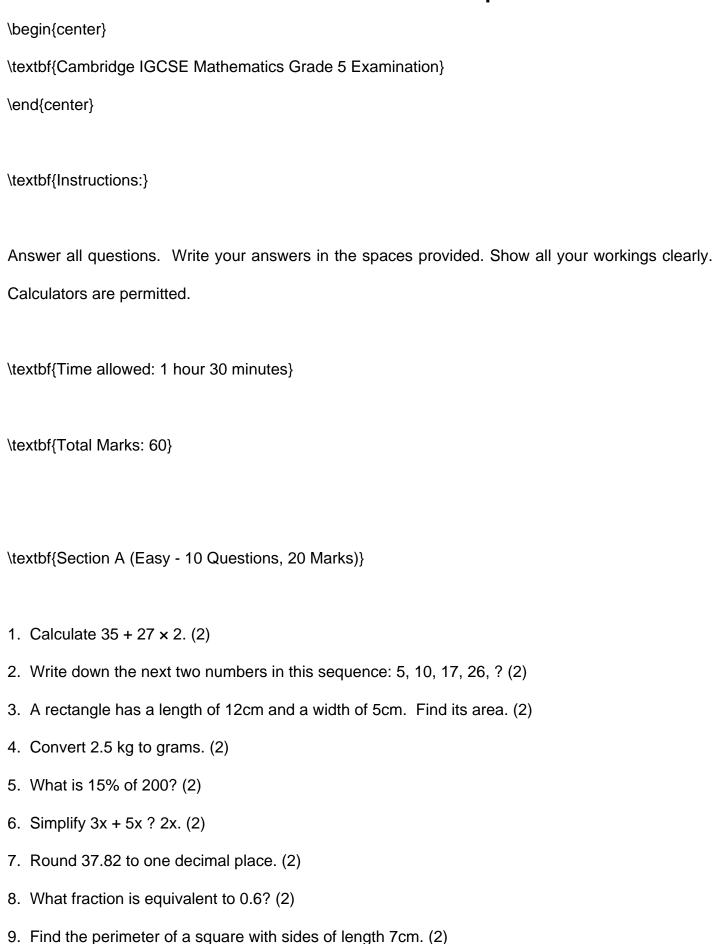
## **Grade 5 Maths Question Paper**



10. If a train travels at 60 km/h, how far does it travel in 2 hours? (2)

\textbf{Section B (Medium - 10 Questions, 20 Marks)}

- 11. Solve the equation: 2x + 7 = 15. (2)
- 12. A bag contains 5 red marbles and 3 blue marbles. What is the probability of selecting a red marble? (2)
- 13. Calculate the mean of the numbers: 5, 8, 12, 15, 20. (2)
- 14. Find the area of a triangle with base 10cm and height 6cm. (2)
- 15. Express 3/5 as a percentage. (2)
- 16. A shop sells apples at \$2 per kg. How many kilograms can you buy for \$10? (2)
- 17. Simplify the ratio 12:18. (2)
- 18. What is the value of  $2^3 + 4^2$ ? (2)
- 19. A rectangular prism has dimensions 4cm, 5cm, and 6cm. Find its volume. (2)
- 20. If y = 3x + 2, find the value of y when x = 4. (2)

\textbf{Section C (Hard - 10 Questions, 20 Marks)}

- 21. A cyclist travels 24 km in 1.5 hours. What is their average speed in km/h? (2)
- 22. Solve the simultaneous equations: x + y = 7 and x ? y = 1. (3)
- 23. Calculate the compound interest on \$500 invested for 2 years at 5% per annum. (3)
- 24. Find the value of x: 2(x + 3) = 10. (2)
- 25. The angles in a triangle are in the ratio 2:3:4. Find the size of each angle. (3)
- 26. A circle has a diameter of 14cm. Calculate its area. (Use ? = 22/7) (3)

- 27. A car travels at 70 km/h for 3 hours and then at 60 km/h for 2 hours. What is the total distance traveled? (3)
- 28. Simplify: (5a2b) x (2ab3). (2)
- 29. A shop offers a 10% discount on a TV priced at \$600. Calculate the final price after the discount. (2)
- 30. A right-angled triangle has hypotenuse 13cm and one shorter side 5cm. Find the length of the other shorter side. (3)

\vspace{1cm}

\textbf{END OF EXAMINATION}