

Coding Question Paper

Instructions:

1. This paper consists of 15 questions, each carrying 10 marks.
2. Question 16 is a special question carrying 50 marks.
3. Write your answers in the given answer sheet.

Q1. Write a program to print a solid square pattern of '*' of size 5x5.

Q2. Write a program to print a right-angled triangle pattern with '*' up to 5 rows.

Q3. Write a program to print a mirrored right-angled triangle pattern with '*' up to 5 rows.

Q4. Write a program to print an inverted right-angled triangle pattern with '*' up to 5 rows.

Q5. Write a program to print a pyramid pattern with '*' for 5 rows.

Q6. Write a program to print an inverted pyramid pattern with '*' for 5 rows.

Q7. Write a program to print a diamond pattern with '*' for 5 rows.

Q8. Write a program to print a pattern of numbers in increasing order for 5 rows.

Q9. Write a program to print a pattern of numbers in a triangular format for 5 rows.

Q10. Write a program to print the Fibonacci sequence in a triangular pattern for 4 rows.

Q11. Write a program to print a checkerboard pattern of '0' and '1' up to 5 rows.

Q12. Write a program to print a pattern of multiples of numbers in a triangular format for 3 rows.

Q13. Write a program to print a zigzag pattern of numbers with 5 rows.

Q14. Write a program to print a hollow square pattern with '*' of size 5x5.

Q15. Write a program to print a pattern of alphabets in a pyramid format for 5 rows.

Q16. Special Question (50 Marks): Write a program to print a complex pattern as described below:

1

121

12321

1234321

123454321