Q.P. Code – 32353

Third Semester B.A. Degree Examination, October/November 2019

(CBCS Scheme)

Computer Science

C-PROGRAMMING

Time : 3 Hours] *[Max. Marks : 90*

Instructions to Candidates : Answer ALL Sections.

SECTION – A

Answer any **TEN** questions : **(10 × 1 = 10)**

1. Who developed C-Programming Language?
2. Define token.
3. Define keywords.
4. What is a variable?
5. Write an output statement used in C-programming.
6. What is an algorithm?
7. Write any one symbol used in flow chart.
8. Define interpreter.
9. Write any one data type used in C-Programming.
10. Define an operator.
11. What are selection statements?
12. Write the symbol for comment in C-programming.

SECTION – B

Answer any **FIVE** questions : **(5 × 3 = 15)**

13. What are program translators? Write any two.
14. What is the difference between compiler and interpreter?
15. What are the features of an algorithm?

16. Write a flow chart to add two numbers.

17. Write the rules for writing identifiers.

18. Define constants. Write any two types of constants.

19. Write a C-program to find average of three numbers.

SECTION – C

Answer any **SIX** questions : **(6 × 5 = 30)**

20. Write the steps involved in problem development life cycle.

21. Write an algorithm to find largest of two numbers.

22. Write a flowchart to find area of a circle.

23. What is a relational operator? Explain with an example.

24. Explain if statement with an example.

25. Explain GOTO statements with an example.

26. Write the difference between pre-increment and post-increment operating with an example.

27. What is the difference between = and ==? Explain with an example.

SECTION – D

Answer any **FIVE** questions : **(5 × 7 = 35)**

28. Write the structure of C program. Explain with an example.

29. Write a C-program to illustrate the working of arithmetic operators.

30. Write a C-program to find factorial of a given number.

31. Explain bit-wise operator with an example.

32. Explain for-loop in detail.

33. Write the difference between while-loop and do-while loop.

34. Explain switch case with an example.
