M 5187

III Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.M./B.C.A./B.S.W./ B.A. Afsal-Ul-Ulama Degree (CCSS – Regular/Supple./Improvement) Examination, November 2013 (2011 and Earlier Admn.) CORE COURSE IN COMMERCE 3B05 COM (D-Comp. App.) : Programming in C

Time : 2 Hours   Max. Weightage : 20

PART – A

This Part consists of **two** bunches of questions carrying **equal** weightage of **one**. **Each** bunch consists of **four** objective type question. Answer **all** questions.

I. 1. The smallest individual units in C are known as _____

    a) main   b) keyword

    c) tokens   d) identifiers

2. _____ constant is a sequence of characters enclosed in double quotes.

    a) C   b) Integer

    c) Real   d) String

3. _____ is data name used to store a data value.

    a) Variable   b) Constant

    c) Main   d) Token

4. When parentheses are used, expressions within parentheses assume _____ priority.

    a) lowest   b) highest

    c) no   d) second   **(W=1)**

II. 5. A _____ variable is a variable defined inside a function and used without having any role in the communication between functions.

    a) Local   b) External

    c) Visible   d) Real

6. Structure within a structure means _____ of structure.

    a) Union   b) Internal

    c) Nesting   d) String

7. _____ is an example of user-defined function.

    a) Main   b) Prinf

    c) Scanf   d) Sqrt

8. In a counter controlled loop, variables known as _____ is used to count the loop operations.

    a) Counter   b) Register

    c) Automatic   d) Static   **(W=1)**

PART – B

Answer **any six** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

  9. What are keywords and identifiers in 'C' ?

  10. List the logical operators in C.

  11. What are static variables ?

  12. What is a Go To statement ?

  13. Distinguish between searching and sorting.

  14. What are the elements of user defined functions ?

  15. What is structured programming ?

  16. Define 'structure'. Give examples.   **(W=6×1=6)**

PART – C

Answer **any four** questions in **not** more than **one** page. **Each** question carries a weightage of **two**.

17. Show the nature of data communication between the calling function and the called function with arguments but no return value.

18. Distinguish array and structure.

19. Explain the concepts of pointers.

20. Illustrate the selection process of switch statement in a flow chart .

21. What is a 'union' ?

22. Explain modular programming. (W=4×2=8)

PART – D

Answer **any one**. **Each** question carries a weightage of **four**. Answer **not** to exceed **four** pages.

23. Describe the basic types of C constants.

24. Explain the elements of a function definition. (W=1×4=4)

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