

Or

9. What is structure ? Differentiate between structure and union. Explain with relevant example. 8



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Roll No.

32094

B.Sc. EXAMINATION, 2025

(Second Semester)

(Re-appear Only)

COMPUTER SCIENCE

Paper-I

Programming in C

Time : 3 Hours]

[Maximum Marks : 40

Before answering the question-paper, candidates must ensure that they have been supplied with correct and complete question-paper. No complaint, in this regard will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. **1** is compulsory. All questions carry equal marks.

1. (i) What is keyword ?

(ii) Define typecasting.

(iii) What do you mean by Recursion ?

(iv) What is Array ? **4×2=8**

Unit I

2. Explain the history and features of a C language.

Also, show the structure of a C program with example. **8**

Or

3. Explain basic unformatted output functions in detail with example. **8**

Unit II

4. Explain all the types of operators used in C language. **8**

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Or

5. Explain the following : **4×2=8**

(i) Switch statement

(ii) goto statement

Unit III

6. Define loop. Explain all the different types of loops used in C language. **8**

Or

7. What do you mean by Function ? Differentiate between user defined function and built-in function. **8**

Unit IV

8. What are storage classes ? Explain all the types of storage classes available in C language. **8**

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P.T.O.