

C-2120 A

B.B.A./B.Com. (Three Year) DEGREE EXAMINATION, MARCH/APRIL 2018.

End Semester Examination

Second Semester

Part III : Foundation Courses

(Regular/Supplementary)

“C” PROGRAMMING LANGUAGE

(Old Syllabus)

Time : 2 Hours

Max. Marks : 50

PART — A

Answer any FIVE of the following.

(5 × 2 = 10 Marks)

1. Explain basic structure of C program.
2. What are data types in “C”?
3. Explain recursion.
4. What is structure and union and write its syntax?
5. What is array? And its syntax and example.
6. What is an relational operator? And example.
7. What is an constant and variable?
8. What is the use of continue statement?

PART — B

Answer ALL questions.

(5 × 8 = 40 Marks)

9. (a) What is operator? Explain different types of operators.

Or

- (b) Explain input and output statements in “C”.

Turn Over

10. (a) Explain the do-while loop with example.

Or

(b) List the decision making statements in C. Explain the nested if-else if with example.

11. (a) Describe categories of functions based on arguments and return type.

Or

(b) Define function and list its advantages and disadvantages.

12. (a) Explain the concept of array of pointer with example.

Or

(b) What is dynamic memory allocation? Write and explain the different dynamic memory allocation functions in "C".

13. (a) What are nested structures? And list the differences between structures and unions.

Or

(b) Define a structure. Explain how to initialize structure during declaration? Give an example.
