

C-2303 A

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

(End Semester Examination)

Second Semester

Part II : Computer Application

(Regular/Supplementary)

PROGRAMMING IN C

(Common for B.A./B.Sc./B.Com. (CA))

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. Define an algorithm. How it is useful in the context of software development?
2. What is the difference between goto and continue statement?
3. Write a syntax and examples for scanf() and printf() functions.
4. What is recursive function?
5. Explain about relational operators.
6. Write a syntax and example for 2D array.
7. What is scope of variable?
8. Explain enumerated data type with example.

PART — B

Answer ALL of the following questions. **(5 × 10 = 50 Marks)**

UNIT – I

9. (a) What are the basic data types in C language?

Or

- (b) Write an algorithm to print sum of n numbers.

Turn Over

UNIT – II

10. (a) What are decision making statements in C language?

Or

(b) Write a program to find whether the given number is an Armstrong number or not.

UNIT – III

11. (a) Explain about function call and return type.

Or

(b) List out some of the predefined functions with examples.

UNIT – IV

12. (a) How to accept and display string variable example with examples?

Or

(b) Write a program to find the largest of n numbers using arrays.

UNIT – V

13. (a) How to implement structure with arrays?

Or

(b) What is a pointer? List out the uses of C pointer.
