

**B.C.A. (2010 COURSE SEM- I : SUMMER - 2018**

**SUBJECT : PROGRAMMING IN C**

Day : **Saturday**  
Date : **28/04/2018**

**S-2018-1719**

Time : **02.00 PM TO 05.00 PM**  
Max. Marks : 70

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**N. B. :**

- 1) **Q. No. 1 is COMPULSORY.**
  - 2) **Solve ANY FOUR from Q. No. 2 to Q. No. 7.**
  - 3) **Figures to the right indicate FULL marks.**
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- Q. 1** Explain Data types, identifiers, constants in C. **(14)**
- Q. 2** Discuss control statements in C with example. **(14)**
- Q. 3** What is the use of function? Write a function to demonstrate. **(14)**
- Q. 4** Write a program to check whether given string is palindrome. **(14)**
- Q. 5** What is structure? Explain how the members of structures are accessed. **(14)**
- Q. 6** Explain storage classes in C. **(14)**
- Q. 7** Write short notes on **(ANY TWO)**: **(14)**
- a) Recursion
  - b) Loops in 'C'
  - c) Dynamic Memory Allocation

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