

**F.Y.B.SC. (COMPUTER SCIENCE) SEM –II (2014 COURSE) :**  
**SUMMER - 2018**  
**SUBJECT : PROGRAMMING IN C – II**

Day : **Monday** Time : **03.00 PM TO 05.00 PM**  
Date : **16/04/2018** **S-2018-0837** Max. Marks : 40

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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**Q.1** Attempt **ANY TWO** of the following: **[10]**

- a) Explain multidimensional array with suitable example.
- b) Write a 'C' program to accept student information like roll-no, stud\_name, class and display it on the screen using structure.
- c) Illustrate different applications of pointers.

**Q.2** Attempt **ANY TWO** of the following: **[10]**

- a) Explain the different modes in which a file can be opened.
- b) Write a program to find the largest number from an array of n numbers.
- c) Illustrate union with an example.

**Q.3** Attempt **ANY TWO** of the following: **[10]**

- a) Explain use of any five string handling functions.
- b) Write a program to accept the data in a file and display from the file.
- c) Differentiate between structure and union.

**Q.4** Attempt **ANY FIVE** of the following: **[10]**

- a) What is a stream?
- b) Write a syntax for declaration and initialization of pointers.
- c) What is use of an array?
- d) Write a nested structure block.
- e) What is a pointer to pointers?
- f) Write a syntax for string declaration and initialization.
- g) What are the two types of file?

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