

SUBJECT CODE NO:- P-360
FACULTY OF ENGINEERING AND TECHNOLOGY
F. E. (All) (CGPA) Examination May/June 2017
Computer Fundamentals - II
(Revised)

[Time: Two Hours]

[Max.Marks:40]

Please check whether you have got the right question paper.

- N.B
- 1) Q1 is compulsory.
 - 2) Solve any two from remaining questions

Q.1 Solve any five questions: 10

- a) What is the use of address operator (&) and indirection operator (*)?
- b) Define strings.
- c) What is union? Give example.
- d) How does structure differ from array?
- e) Explain two ways of string variable initialization.
- f) What is a file?
- g) What is wrong in the following structure declaration?

```
struct {  
    int number;  
    float price;  
}  
main ( )  
{  
    _____  
    _____  
}
```

Q.2 a) Write a C program for putting strings together without strcat () function. 07

- b) Write syntax of following & explain in brief: 08
- i. gets ()
 - ii. puts ()
 - iii. getchar ()
 - iv. putchar ()

Q.3 a) Write a program using array of structure for storing information of three books & print the same on terminal. 08

b) Explain command line argument. 07

Q.4 a) What is free software? Explain with four types of freedom for free software. 07

b) Explain the various principles of open source. 08

Q.5 a) Write a C program for call by reference. 08

b) Explain mode of operation for file. 07