

SUBJECT CODE NO: E-332
FACULTY OF ENGINEERING AND TECHNOLOGY
F.E.(All) (CGPA) Examination Nov/Dec 2017
Computer Fundamentals - I
(REVISED)

[Time: Two Hours]

[Max.Marks:40]

Please check whether you have got the right question paper.

N.B

- i. Question No. 1 is compulsory and solve any two questions from the remaining questions.

Q.1 Solve any five.

- a) Explain with example any two secondary storage devices
- b) Explain any 4 keywords in C language
- c) Explain use of Printf() & Scanf() functions.
- d) Explain use of Break & Continue statement.
- e) What is Goto statement?
- f) What is Array?

10

Q.2 a) Explain Arithmetic, Relational, Logical and Conditional Operators in detail? 08

- b) Explain Operator precedence? Determine the hierarchy of operations and stepwise evaluate the expression: $i = 2 * \frac{3}{4} + \frac{4}{4} + 8 - 2 + \frac{5}{8}$ (assume i as int) 07

Q.3 a) Write a program to read a number and find the sum of digits of that number 08

- b) What is a user defined function in C? Explain general form of function with an example 07

Q.4 a) Write a program to read a number and find whether the number is odd or even 07

- b) Write syntax of following & explain in brief. 08
- i. while loop
 - ii. for loop
 - iii. do while loop
 - iv. switch statement

Q.5 a) Write a C program to sort 10 numbers using bubble sort method 08

- b) What is Recursive Function? Explain with example? 07