

1986

**B.E. 1st Semester Examination,
December-2012**

**FUNDAMENTAL OF COMPUTER ENGG AND
PROGRAMMING IN C**

Paper-CSE-101-E

Time allowed : 3 hours] [Maximum marks : 100

Note : Do any five questions. All questions carry equal marks.

1. What do you mean by computer ? Explain in detail the block diagram of computer. 20
2. (a) What do you mean by Operating System ? Also explain the types of operating system. 10
(b) Differentiate between MS-DOS and UNIX operating system. 10
3. (a) What do you mean by Computer Languages ? Explain the different types of Languages. 10
(b) Explain the following
(i) Compiler
(ii) Interpreter
(iii) Debugging. 10

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4. (a) What do you mean by Header files in 'C' language ? Explain. 10
- (b) Explain the different Data Types used in 'C' language. 10
5. What do you mean by conditional statements ? Explain in detail the different conditional statements used in 'C' language. 20
6. (a) Explain in detail the E-mail System. 10
- (b) What do you mean by different types of Network ? 10
7. (a) What do you mean by Low Level Programming? Explain. 10
- (b) What do you mean by Input/Output Stream ? Explain. 10
8. Explain the following : 20
- (i) Output devices
 - (ii) Structures
 - (iii) Error Handling
 - (iv) Preprocessor Directives.