

Roll No.

MCA-11/MSCIT-12
Fourth Semester Examination-2015
MCA-15/M.SC.IT-15

System Software

Time : 3 Hours

Maximum Marks : 60

Note : This paper is of sixty (60) marks divided into three (03) sections A, B, and C. Attempt the questions contained in these sections according to the detailed instructions given therein.

Section - A

(Long Answer Type Questions)

Note : Section 'A' contains four (04) long-answer-type questions of fifteen (15) marks each. Learners are required to answer any two (02) questions only. (2×15=30)

1. What is System Software? Classify System Software?
2. Explain the following:
 - (a) Data Structure
 - (b) Assembly language
 - (c) Macros
 - (d) Shared libraries

2. Process is
 - (A) program in High level language kept on disk
 - (B) contents of main memory
 - (C) a program in execution
 - (D) a job in secondary memory
3. Translator for low level programming language were termed as
 - (A) Assembler
 - (B) Compiler
 - (C) Linker
 - (D) Loader
4. Load address for the first word of the program is called
 - (A) Linker address origin
 - (B) Load address origin
 - (C) Phase library
 - (D) Absolute library
5. Which of the following is not a fundamental process state
 - (A) Ready
 - (B) Terminated
 - (C) Executing
 - (D) Blocked
6. The translator which perform macro expansion is called a
 - (A) Macro processor
 - (B) Macro pre-processor
 - (C) Micro pre-processor
 - (D) Assembler
7. The translator which perform macro expansion is called a
 - (A) Macro processor
 - (B) Macro pre-processor
 - (C) Micro pre-processor
 - (D) Assembler
8. Shell is the exclusive feature of
 - (A) UNIX
 - (B) DOS
 - (C) System Software
 - (D) Application Software

9. A program in execution is called
- (A) Process
 - (B) Instruction
 - (C) Procedure
 - (D) Function
10. An assembler is
- (A) Programming language dependent.
 - (B) Syntax dependent.
 - (C) Machine dependent.
 - (D) Data dependent.