Subject : Comprehensive Examination-II (Conventional Type)

Day : Friday

S.D.E.

Time : 02.00 P.M. TO 05.00 P.M.

Date : 10/06/2016

30425

Max Marks : 100   Total Pages : 1

N.B.
1) Answer **ANY FIVE** questions.
2) Figure of the right indicates **FULL** marks.

Q.1 What are characteristics of good SRS? Draw layout of SRS. **(20)**

Q.2 Explain structure of Unix operating system also discuss its process scheduling technique. **(20)**

Q.3 **A)** Explain RISC and CICS architecture. **(08)**
B) Explain circuit, message and packet switching. **(12)**

Q.4 **A)** Explain E. F. Codd's rules of RDBMS. **(20)**

Q.5 Define following terms. **(20)**
a) Class   b) Overloading
c) Overriding   d) Virtual function
e) in-line function.

Q.6 Write algorithm for selection sort. Trace the same for sorting given list. **(20)**
18, 34, 12, 72, 54, 45, 26, 40.

Q.7 **A)** Compare and contrast Breadth first search and Depth first search. **(10)**
B) Write a C program to find factorial of given integer. **(10)**

Q.8 **A)** What is chromatic number? State applications of graph colouring. **(08)**
B) Describe paging and segmentation technique of memory management. **(12)**

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