

Subject : Fundamentals of Information Technology

Day : Monday
Date : 05/12/2016



Time : 10.00 A.M. TO 1.00 P.M.
Max Marks : 70 Total Pages : 1

N.B. :

- 1) Solve **ANY THREE** questions out of FIVE from **Section-I** and **ANY TWO** questions out of THREE from **Section-II**.
- 2) Answer to both the section should be written in the **SAME** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION-I

- Q.1 a)** What is System? Explain types of systems along with its applications. (07)
- b)** Write an algorithm for finding whether the given number is prime or not. (07)
- Q.2 a)** Draw a block diagram of Computer Organization and explain its various elements. (07)
- b)** Differentiate between System Software and Application Software along with examples. (07)
- Q.3 a)** What is User for a System? Explain its types. (07)
- b)** Discuss the concept of 'Kernel' in details. (07)
- Q.4 a)** What is an Internet? Explain its advantages and disadvantages. (07)
- b)** Define Artificial Intelligence. Explain its applications in Business Environment. (07)
- Q.5 a)** What is DOS? Explain its various commands. (07)
- b)** Differentiate LAN, WAN and MAN. (07)

SECTION-II

- Q.6** Explain the concept of 'File' along with its types. Also brief various data accessing methods. (14)
- Q.7** Define Communication Network. Explain various data transmission media with suitable diagram. (14)
- Q.8** Write a note on :(ANY TWO) (14)
- a) Windows Operating System
 - b) Network Topologies
 - c) Elements of System

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