

S.D.E.

M.B.A. (IT) SEM – I (2010 COURSE) 3 YEAR COURSE) :
WINTER - 2017

SUBJECT: FUNDAMENTALS OF INFORMATION TECHNOLOGY

Day: Tuesday
Date: 12/12/2017

W-2017-4341

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

N.B.:

- 1) Attempt any 4 questions from **Section-I** and any 2 questions from **Section-II**.
- 2) Answers to both the sections should be written in the **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** What are various functions of Operating System? Explain Multitasking Operating System. [10]
- Q.2** Differentiate between:
a) Primary & Secondary Storage Devices [05]
b) LAN and WAN [05]
- Q.3** What is File System? What are various types of files? Also explain Data Access Methods. [10]
- Q.4** Explain various components of DOS model. [10]
- Q.5** Write short notes on **ANY TWO**: [10]
a) Types of Systems
b) Applications of IT in Artificial Intelligence
c) Browser

SECTION – II

- Q.6** a) Draw a flowchart to check whether the given number is prime or not. [08]
b) Write an algorithm to generate a Fibonacci series. [07]
- Q.7** What is 'Network Topology'? Explain various topologies with its advantages and disadvantages. Also draw suitable diagrams. [15]
- Q.8** a) Define Internet. What are various problems of an internet? [07]
b) Write Internal and External DOS commands with their syntaxes and uses. (ANY FOUR commands each) [08]

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