S.D.E.

M.B.A. (IT) Sem – I (2010 Course) 3 Year Course) : SUMMER - 2019

SUBJECT: FUNDAMENTALS OF INFORMATION TECHNOLOGY

Day:	Thursday	**Time:**	10.00 AM TO 1.00 PM
Date:	02/05/2019	**S-2019-5169**	**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 SAME answer book.

3) Figures to the right indicate **FULL** marks.

SECTION – I

Q.1 Explain organization of computer with the help of block diagram. **[10]**

Q.2 Define the term 'Operating System'. Explain following Operating Systems:
  a) Batch Processing System **[05]**
  b) Multiprocessing System **[05]**

Q.3 What are various types of files? Explain various operations performed on the files. **[10]**

Q.4 Differentiate between: **[10]**
  a) Primary Storage Devices and Secondary Storage Devices
  b) LAN and WAN

Q.5 Write short notes on **ANY TWO:** **[10]**
  a) Browser
  b) Elements of System
  c) Applications of IT in Education

SECTION – II

Q.6 a) Draw a flowchart to check wheather the given number is even or odd. **[08]**

  b) Write an algorithm to find addition of three numbers. **[07]**

Q.7 What is 'network Topology'? Explain various topologies with its advantages, disadvantages and suitable diagrams. **[15]**

Q.8 a) What is internet? What are advantages and disadvantages of Internet? **[07]**

  b) Explain important features of DOS Operating System. Also write any four Internal commands of DOS with their syntaxes and its uses. **[08]**

* * * * *