

B.C.A. (2010 COURSE SEM- I : WINTER - 2017

SUBJECT: FUNDAMENTALS OF INFORMATION TECHNOLOGY

Day : **Thursday**
Date : **09/11/2017**

W-2017-1626

Time **02.00 PM TO 05.00 PM**
Max.Marks:70

N.B.

- 1) **Q.No.1** is **COMPULSORY**.
 - 2) Attempt any **FOUR** questions from **Q.No.2 to Q.No.7**.
 - 3) Use of non-programmable **CALCULATOR** is allowed.
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- Q.1** Define computer. Discuss various characteristics of computer. (14)
- Q.2** Explain various types of printers with their advantages and disadvantages. (14)
- Q.3** Differentiate between: (14)
i) Primary storage and Secondary storage
ii) Half duplex and Full duplex.
- Q.4** What is an operating system? Discuss various types of operating system. (14)
- Q.5** Explain Machine level language and Assembly level language with their advantages and disadvantages. (14)
- Q.6** What is data transmission media? Explain various data transmission media. (14)
- Q.7** Write short notes on **ANY TWO** of the following: (14)
a) File Organization.
b) Internet.
c) Data compression utility.
d) Modem.

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