

**SUBJECT: BASICS OF INFORMATION TECHNOLOGY**

Day: **Monday**  
Date: **13/11/2017**

**W-2017-0835**

Time: **03.00 PM TO 06.00 PM**  
Max. Marks: **60**

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) All question carry **EQUAL** marks.
- 3) Draw neat diagrams wherever necessary.

**Q.1** Define Operating System. Explain various types of Operating Systems. **(15)**

**OR**

Explain TCP / IP model with the help of neat diagram.

**Q.2** A) Answer any **ONE** of the following: **(08)**

- i) What is DHTML? Describe following tags of HTML : -  
<table> , <br>, <head> <img src>.
- ii) What is meant by Scripting Language? Explain features of JScript.

**B)** Answer any **ONE** of the following: **(07)**

- i) What is DBMS? List down the steps to create student table in MS-  
ACCESS. (Assume necessary attributes)
- ii) Differentiate between MS – WORD and MS – EXCEL.

**Q.3** Answer any **THREE** of the following: **(15)**

- i) Explain any five LINUX commands.
- ii) Draw and explain Star and Ring network topologies.
- iii) Define Computer System. State various characteristics of Computer  
System.
- iv) Explain Local Area Network and Wide Area Network.
- v) Write steps to create a 'pie chart' in MS-EXCEL.

**Q.4** Write short notes on any **THREE** of the following: **(15)**

- a) Transmission media
- b) Mail Merge facility of MS- WORD
- c) Switch and Router
- d) Frame Layout in HTML
- e) Features of MS - PowerPoint