

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**  
**B.Pharm. Winter 2018-19 Examination**

**Semester: 1**  
**Subject Code: 08101104**  
**Subject Name: Basic of Computer Application**

**Date: 13/12/2018**  
**Time: 02:00 pm to 05:00 pm**  
**Total Marks: 75**

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**Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

**Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each) (20)**

1. Explain the concept of Assembler and Compiler
2. What is topologies? Explain the different topologies in detail.
3. What is Network? Explain different types of Network in detail

**Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each) (35)**

1. Explain different types of Computers in detail.
2. Describe the following shortcut keys 1) CTRL + U
  - 1) CTRL + B
  - 2) CTRL + C
  - 3) CTRL + S
  - 4) CTRL + V
3. What is DBMS? Explain the concept of DDL and DML in detail
4. Solve the following-
  - 1)  $(053C)_{16} = (?)_8$
  - 2)  $(321)_8 = (?)_2$
  - 3)  $(111101)_2 = (?)_8$
  - 4)  $(FFE)_{16} = (?)_2$
  - 5)  $(254)_8 = (?)_2$
5. Explain TCP/IP network protocol
6. Describe the concept of Schema and Instances in detail
7. Write a short note on DNS in detail
8. Explain the functionality of Web Browser
9. Write a short note on Operating System

**Q.3 Answer in short. (2 marks each) (20)**

1. Explain the following commands
  - 1) CHDIR
  - 2) RMDIR
  - 3) MKDIR
  - 4) ipconfig
2. What is Internet? Explain the difference between Internet and Intranet
3. Explain the following protocol in brief **HTTP** and **SMTP**
4. Explain Addition and Subtraction in Binary System with example
5. List different Microsoft Desktop application
6. What are the components of Email
7. Write a fullform of
  - 1) HTTPS
  - 2) POP
  - 3) WAN
  - 4) SMTP
8. What is Browser? Give the name of the browser which are currently used in real world?
9. Write a shortnote on MS Word
10. Explain the concept of Interpreter.