

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**  
**B.Pharm. Winter 2017-18 Examination**

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

**Date: 16/01/2018**  
**Time: 10:00 am to 1:00 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. Discuss different network topology and explain any four topologies with its merits and demerits.
2. Briefly describe the term LAN, MAN, and WAN in computer network with suitable diagram.
3. What is difference between File System and DBMS. And also write the advantages of using DBMS over File System.

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

1. Compare Internet & Intranet.
2. Explain Schema in DBMS.
3. Solve the following-  
 $(053C)_{16} = (?)_8$  and  $(321)_8 = (?)_2$
4. Describe SMTP protocols.
5. Explain the functionality of Web Browser.
6. Differentiate Window & Unix.
7. List out DDL & DML command discuss any one DDL & DML.
8. Describe the working of the following shortcut keys- **ctrl+N, ctrl+o, ctrl+s, ctrl+p , ctrl+v.**
9. Write short note on DNS (Domain Name System).

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

1. Write difference in between HTTP & HTTPS.
2. List out Different Microsoft desktop application.
3. Short note on open source software.
4. Write a query to find out name, surname & age from student table whose age is greater than 20.
5. Perform binary addition in 11001111 & 01111001.
6. Write short note on Interpreter.
7. Explain following DOS commands with example 1) MKDIR 2) CD
8. Write short note on Compiler.
9. Covert Binary number 101101001010111100 in Hexadecimal number
10. Write Short note on Operating System.