**Utkal University, Vani Vihar, Bhubaneswar**

**University Department of Pharmaceutical Sciences**

**Subject: Computer Applications in Pharmacy (Theory)**

**B. Pharm 4th Semester, 2021(Lateral Entry)**

**Full Marks=50**

**Section ‘A’**

**Answer any six questions (6x5=30)**

1. a) Convert (135.3125)10 to its octal equivalent. [3]

b) Convert (81.4C) 16 to its octal equivalent. [2]

2. What is project management? What are the different phases of project

 management? [5]

3. Describe briefly Pharmacy Drug Database [5]

4. Mention the functions, advantages and disadvantages of Patient Monitoring

 System. [5]

5. What are the various applications of bioinformatics?

6. Explain briefly Chromatography Data Analysis. [5]

7. Describe the impact of bioinformatics in vaccine discovery. [5]

8. a) The activity which is used to send error free prescription electronically

 by a provider directly to the PIS is termed as ………………………. [1]

 b) ………….. is an international network of universities & research institutions

 which exchanges files containing data, reports, memoranda and messages [1]

 c) ……………. is a collection of information that is grouped and stored in

 Structured way. [1]

 d) ………………. is the starting point or front page of website. [1]

 e) The elements of information system are ……………, ………….. and ………… [1]

**Section ‘B’**

**Answer any two questions (2x10=20)**

 9. a) Subtract (10001)2 from (00011)2 by using 2’s complement method. [5]

 b) Describe briefly process life cycle. [5]

10. a) Describe briefly advantages and disadvantages of Microsoft Access. [5]

 b) Describe briefly Electronic Prescribing and Electronic Discharge System. [5]

11. a) Distinguish between HTML and XML. [5]

 b) Discuss the difference types of TIMS. [5]

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