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## The Assam Royal Global University, Guwahati

Royal School of Pharmacy

B. Pharmacy 2<sup>nd</sup> Semester

Semester End Examination, June 2023

Course Title: Computer Applications in Pharmacy

Course Code: PHR232C205

Time: 3 Hours

Maximum Marks: 50

Note: Attempt all questions as per instructions given.

*The figures in the right-hand margin indicate marks.*

### Section – A

1. Attempt all questions. (Maximum word limit 50) 2.5x8
- How to convert a decimal number into a binary number?
  - Describe the binary equivalent of the decimal number 10?
  - State the properties of XML.
  - Write a JavaScript program to call function from HTML.
  - Mention the process specification format information.
  - Differentiate between web servers and web browsers.
  - Give a brief description of the term pharmacokinetics.
  - Describe the types of bioinformatics database available.

### Section – B

2. Attempt any one of the following: 7 x 1
- “Process of life cycle.” discuss in detail. Note down your point on how to plan and manage a project.
  - Explain in brief input and output design? Convert 1695 into binary number system.
3. Attempt any two of the following: 4 x 2
- Give an explanation on external JavaScript file. Write JavaScript code to design a form to accept values for user ID & password.
  - Create a student registration form using HTML and CSS. State the full form of SQL.
  - How to create a table in HTML. Explain with an example. Name various types listing used in HTML.
4. Attempt any two of the following: 4 x 2
- With a proper example give a note on drug information storage and retrieval.
  - Discuss the various applications of computers in pharmacy.
  - Give an explanation on the role of a clinical pharmacy.
5. Attempt any one of the following: 7 x 1
- Briefly give an explanation on laboratory information management system stating its advantages and disadvantages.
  - Dot down the note on chromatography data system.