*Answer any **four** questions.*

1. What is a library (define it in your own words)? Briefly discuss the different types of academic libraries and their functions.   **2 + 8 = 10**

2. Define data and information. Mention and critically analyse the various properties of data and information.   **2 + 8 = 10**

3. Write down Ranganathan's five laws of library science. Discuss the various implications of the second and third laws of Library Science in context of the broader aspects of library and information services.   **2+4+4 = 10**

4. Illustrate the Shannon-Weaver model of communication. Briefly discuss the various information barriers that hinder the free flow and the use of information and knowledge. **4+6=10**

5. Answer *any **two*** from the following.   **2 * 5 = 10**
   (a) Describe the significance of information.
   (b) Discuss the definition of information as propounded by B. C. Brookes.
   (c) Write a short note on Public Library.