



DR. M.P.S. MEMORIAL
COLLEGE OF BUSINESS
STUDIES, AGRA

BCA DEPARTMENT
SYSTEM ANALYSIS AND DESIGN
CLASS: BCA 5 SEM

IMPORTANT QUESTIONS OF ODD SEM
EXAMS JAN 2022

- Q1. Construct a data flow diagram (level 0 and 1) for a library Management system.**
- Q2. Explain the steps and activities in the design phase, of SDLC.**
- Q3. What is MIS? Explain the role of MIS in a business organization. Also explain how MIS can be used for management control and strategic planning of an organization.**
- Q4. What is information? Explain how information can be classified in an organization.**

Q5. What is system design? Explain top-down design with an example.

Q6. What is System Analysis? Explain role and responsibilities of a System Analyst in system development.

Q7. What is Form? Why proper Form design is essential for a system? Briefly, discuss the criteria used for Form design.

Q8. Write short note on following:

- (i) Decision Support System**
- (ii) Software Testing**
- (iii) Data Dictionary**
- (iv) Cost Benefit Analysis**

Q9. Write the importance of quality in software development. List specifications of various quality factors.

Q10. Explain the difference between a structured interview and an unstructured interview? When is each type of interview appropriately used?

Q11. What is the need of system maintenance? Explain different types of maintenance.

Q12. Discuss any two standards for documentation of software project.

Q13. Give full form of CASE. Draw a CASE diagram showing all components. Explain each component briefly

Q14. Explain the different types of feasibility needed to be studied during software development

Q15. Draw a Data Flow Diagram (DFD) upto level-3 clearly showing various processes, data flow and data repositories for Doctor's appointment in a Hospital Management System. Make necessary assumption