

MASTER OF LIBRARY & INFORMATION SCIENCE
Fourth Semester
LIBRARY SYSTEM ANALYSIS & LIBRARY & USERS
(MLS - 401)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

Answer any four from Question no. 2 to 8
Question no. 1 is compulsory.

1. What is system analysis? How can we consider library as a system? Explain with example. Explain the different components of system analysis. (2+3+5=10)
2. What is DFD? What are the types of DFD? What is the main difference between a flow chart and a DFD? (2+3+5=10)
3. What are the good qualities/characteristics of information system? Why is feasibility study necessary before designing a system analysis? (5+5=10)
4. What is information seeking? What are the types of information needs & seekers? Explain information seeking behaviour of a research worker. (4+6=10)
5. What are the types of information seeking models? Explain Wilson's Model with illustration. (5+5=10)
6. What is User Study? Lay out the differences between user study and user education. What are the methods of user study? Explain in the context of a university community. (2+3+5=10)
7. Explain the changing information landscape in digital environment and the consequent changes in the behavioural pattern of the individuals in terms of seeking, storing and sharing information? (10)

8. Short notes: (any two)

(5+5=10)

A) PERT

B) CPM

C) Content Creation

D) Information Repackaging

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Duration: 20 minutes

Marks – 20

(PART A - Objective Type)

I. Choose the correct answer:

1×20=20

1. SDLC stands for:
 - a. System Development Life Cycle
 - b. Structure Design Life Cycle
 - c. System Design Life Cycle
 - d. Structure development Life Cycle
2. Which of the model is used for system components?
 - a. PERT chart
 - b. Gantt chart
 - c. Organizational hierarchy chart
 - d. DFD
3. Feasibility study is carried out by:
 - a. managers of the organization.
 - b. system analyst in consultation with managers of the organization.
 - c. users of the proposed system.
 - d. systems designers in consultation with the prospective users of the system.
4.includes review of the existing procedures and information flow.
 - a. Feasibility Study
 - b. Feasibility report
 - c. System Design
 - d. System analysis
5. A System is no more than idea.
 - a. Conceptual
 - b. Logical
 - c. Physical
 - d. All of the above
6. Which of the following statements is not correct?
 - a. PERT is probabilistic in nature.
 - b. CPM is probabilistic in nature.
 - c. CPM and PERT use similar terminology but were developed independently.
 - d. All of these statements are correct.
7. A data flow can:
 - a. only enter a data store
 - b. only leave a data store
 - c. enter or leave a data store
 - d. either enter or leave a data store but not both

8. In DFD which symbol represents the process?
 - a. Circle
 - b. Rectangle
 - c. Square
 - d. Open ended rectangle
9. The main ingredient of the report documenting the is the cost benefit analysis.
 - a. System Analysis
 - b. Feasibility Study
 - c. System Analyst
 - d. System Design
10. Which of the following Information systems are aimed at improving the routine business activities on which all organizations depend?
 - a. Management Information systems
 - b. Decision support systems
 - c. Transaction processing system
 - d. Management support systems
11. What is the meaning of User Education?
 - a. Teaching
 - b. Teaching to use
 - c. Train to use the library
 - d. Give useful education
12. User Education is related with?
 - a. W.C.B. Sayers
 - b. P. Knapp
 - c. S. R. Ranganathan
 - d. M. Dewey
13. Resource sharing is a part of:
 - a. Library Cooperation
 - b. Library Administration
 - c. User Orientation
 - d. IPR
14. The process by which the users of the library are acquainted with the library environment, its collection is known as:
 - a. Orientation
 - b. User analysis
 - c. User Feedback
 - d. Quality Evaluation
15. Wilson's model of Information Behaviour was first revised in the year:
 - a. 1992
 - b. 1984
 - c. 1994
 - d. 1981
16. Information seeking behavior term was first coined by:
 - a. George Kingsley Zipf
 - b. T.D. Wilson
 - c. Shannon & Weaver
 - d. David Ellis
17. Which is a barrier in Information Need?
 - a. Personal
 - b. Role Related
 - c. Environmental
 - d. All of the above
18. Strike the odd one out:
 - a. Bibliographic instruction
 - b. Information skills teaching
 - c. Resource sharing
 - d. Online instruction

