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

2017/06

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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. b. Feasibility report a. Feasibility Study d. System analysis c. System Design 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: b. only leave a data store a. only enter a data store

d. either enter or leave a data store but not both

c. enter or leave a data store

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

8. In DFD which symbol represents the process?

19.Information literacy is:

- a. Recognize when information is needed.
- b. Have the ability to locate & evaluate information.
- c. Use effectively the needed information.
- d. All of the above.
- 20.A communication channel or simply channel refers to
 - a. To a physical transmission medium such as a wire.
 - b. To a logical connection over a multiplexed medium such as a radio channel in telecommunications.
 - c. To a computer networking.
 - d. All of the above.



University of Science and Technology, Meghalaya

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4. You may use some space for any rough notes or calculation on the answer booklet if you need. These rough notes, calculations must be scored out before submitting the answer

5. Do not bring any book or loose paper in the examination

7. Do not write anything on the question paper or blotting

paper or any pieces of paper while you are in the examination

8. Any act of indiscipline or misbehavior in the examination hall

9. No examinee is allowed to leave the examination hall until30 minutes lapse after the commencement of the examination.10. Additional answer sheet will be supplied after the main

6. Do not tear any page from the answer booklet.

1. This answer booklet has 4 pages. Please check before

writing whether it is complete or in good condition.

2. Do not write your name anywhere in the answer booklet.

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