PART-B : Descriptive

Time : 2 hrs. 40 min.   Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. What are the different categories of information needs? Explain the different types of information seekers especially among the scientific community.   5+5=10

2. Short notes: (*any two*)   5+5=10
   a) PERT   b) CPM   c) DFD   d) Flow chart

3. a. What are the good qualities/characteristics of information system?   4+6 =10
   b. Why is feasibility study necessary before designing a system analysis?

4. a. What is SDLC? Explain.   6+4 =10
   b. Enumerate the steps for SDLC in system.

5. a. What is information seeking?   5+5=10
   b. Explain information seeking behavior in the electronic and digital environment.

6. Explain the significance of User Education programmes in the context of Academic and Public Libraries.   6+4 =10

7. Explain Ellis' Information Seeking Behavior Model with illustrations.   10

8. a. What is system analysis?   3+3+4 =10
   b. How library became a system explain with example? Explain the different components of system analysis.

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MASTER OF LIBRARY & INFORMATION SCIENCE
FOURTH SEMESTER
LIBRARY SYSTEM ANALYSIS AND LIBRARY AND USERS
MLS-401
(Use separate answer scripts for Objective & Descriptive)

Duration: 3 hrs.   Full Marks: 70

PART-A: Objective

Time: 20 min.   Marks: 20

Choose the correct answer from the following: *1X20=20*

1. Bibliographies, Indexes, Abstracts are generally referred to as:
   a. compactions   b. surrogates
   c. repackaging   d. packaging

2. International Symposium on Information Analysis, Repackaging and Consolidation was sponsored by:
   a. IFLA   b. BUNESCO
   c. ALA   d. ILA

3. In a DFD external entities are represented by a:
   a. rectangle   b. ellipse
   c. diamond shaped box   d. circle

4. 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.

5. The _____ provides pictorial representation of given problem.
   a. algorithm   b. flowchart
   c. pseudo code   d. all of these

6. The _____ symbol is used to represent decision in flowchart.
   a. circle   b. rectangle
   c. diamond   d. none of these

7. CPM is:
   a. Critical Project Management   b. Critical Path Management
   c. Critical Path Method   d. Crash Project Method

8. 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.

9. SDLC stands for:
   a. System development life cycle.
   b. Software development litigation cycle.
   c. System development life conditions.
   d. Software development life cycle.

10. A feasibility study does not look at:
    a. How the new system will be implemented.
    b. How well the proposed new system will work.
    c. Whether the organization has the appropriate hardware support.
    d. Cost/benefit attributes.

11. Information seeking behavior was coined by Thomas D. Wilson in his............ paper.
    a. 1980   b. 2004   c. 1981   d. 2001

12. David Ellis's model of Information Seeking Model is:
    a. linear   b. non Linear
    c. circular   d. horizontal

13. Critical Information Needs(CIN) are:
    a. emergencies and risks, both immediate and long-term.
    b. health and welfare, including specifically local health information as well as group-specific health information where it exists.
    c. education, including the quality of local schools and choices available to parents.
    d. all of the above.

14. User education is also known as:
    a. Library instruction   b. Bibliographic instruction (BI)
    c. Library orientation   d. All of the above

15. "User education encompasses all types of activities, designed to teach us about library services, facilities and organization of library resources and search strategy"- this definition is given by:
    a. LA   b. ALA Glossary
    c. UNESCO   d. IFLA

16. Find the odd one -traditionally academic libraries have adopted for user education:
    a. Library Brochure   b. Small Group Instruction
    c. Scheduled Workshop/seminars d. Web based user education program

17. ....and Expert Systems will facilitate more user-friendly and human- machine interfaces.
    a. Artificial Intelligence   b. Indexing
    c. Boolean Searching   d. Web OPAC

18. Dr. S. R. Ranganathan has grouped user community on the basis of various types of services:
    a. the freshman   b. ordinary inquirer
    c. specialist inquirer   d. all of the above

19. Library use is:
    a. a series of skills   b. a set of activities
    c. a set of instructional methods   d. a regular habit

20. The purpose of evaluation is to collect and analyze information that can be used for rational educational.........................
    a. decision making   b. process
    c. system   d. instructions

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