

# Information Storage and Retrieval System (748)

## Sample Question Paper

### Class XII - 2018-19

Time: 3 Hours

Max. Marks: 60

#### General Instructions:

1. Question paper is divided into two sections: Section-A and Section- B.
2. **Section–A:**
  - i. Multiple choice question/Fill in the blanks/Direct Questions of 1 mark each. Answer any 10 questions out of the given 12 questions.
  - ii. Very Short Answer of 2 marks each. Answer any 5 questions from the given 7 questions.
  - iii. Short Answer of 3 marks each. Answer any 5 questions from the given 7 questions.
3. **Section–B:** Long/Essay type questions of 5 marks each. Answer any 5 questions from the given 7 questions.
4. All questions of a particular section must be attempted in the correct order.
5. Please check that this question paper contains 33 questions out of which 25 questions are to be attempted.
6. The maximum time allowed is 3 hrs.

#### SECTION –A

#### Answer any 10 questions out of the given 12 questions:

1. Cataloging in the process of creating \_\_\_\_\_ database of the Library resources. (1)
2. A programme is a set of \_\_\_\_\_ which are made to perform a well-designed task. (1)
3. The open source software is a software for which \_\_\_\_\_ is open. (1)
4. Local area network (LAN) Connects Computers and devices spread in on area of \_\_\_\_\_. (1)
5. The switching technique provides path for data movement on network from \_\_\_\_\_ to destination. (1)
6. Name the characteristic on the basis of which E- resources can be categorized. (1)
  - a) Content and Accessibility
  - b) Print and Analogue
  - c) Online and print
  - d) Accessibility and dispatch
7. What does PDF Stands for? (1)
  - a) Printable defined format
  - b) Portable document format
  - c) Printable document file
  - d) Principal document format
8. Finding out all the relevant items on the stated topic is known as (1)
  - a) High precision search
  - b) High recall search
  - c) Brief search
  - d) None of the above

9. What are different Boolean operators (1)
- "AND", "OR", "NOT"
  - "OF", "TO", "NOT"
  - "AND", "OR", "OF"
  - "OR", "NOT", "IN"
10. Range search is very useful with \_\_\_\_\_ information (1)
- Tax head
  - Images
  - Numerical
  - Multimedia
11. In the naming convention, for identifying the website, .com is used for which type of website? (1)
12. URL Stands for \_\_\_\_\_ (1)

**Very Short Questions: (2 marks each).**

**Answer any 5 questions out of the given 7 questions:**

13. What is Library Automation? (2)
14. List the different aspects in the planning process of Library Automation. (2)
15. What is an operation system? (2)
16. Write the different categories of E-resources on the basis of content. (2)
17. What are the benefits of E-Journals to the Libraries? (2)
18. Write four functions of on information retrieval systems? (2)
19. How e-mail web tool helps Librarian? (2)

**Short Questions: (3 marks each).**

**Answer any 5 questions out of the given 7 questions:**

20. Explain the need and purpose of Library Automation. (3)
21. What is application software? Discuss the purpose of Library Automation software (LAS)? (3)
22. Distinguish between proprietary software and open source software. (3)
23. Explain the wireless Technology in Networking for transmission of data. (3)
24. Discuss the advantages and disadvantages of E-resources. (3)
25. What are the basic steps involved in the search process for information retrieval? (3)
26. Write the six web tools used for promoting library services? Discuss 2 web tools in detail. (3)

**SECTION –B**

**Long/Essay type questions (5 marks each).**

**Answer any 5 questions out of the given 7 questions:**

27. Write the different housekeeping operations in the Library? How automation can be implemented in these housekeeping operations? (5)
28. What is KOHA? Discuss the salient features of KOHA. (5)
29. Explain the different layers of OSI reference model of networking. (5)
30. What is networking Topology? Write the various types of networking topology. Distinguish between Star, Ring and Tree Topology. (5)
31. What is an E-book? Differentiate between E-book and printed book. (5)
32. Write six search Techniques used to get a refined result from a query. Discuss the Boolean search, proximity search and range search. (5)
33. What is web 2.0? Discuss the key features of web 2.0. (5)