P.G. DIPLOMA EXAMINATION
JUNE 2019.

Library Automation and Networking

ICT FUNDAMENTALS

Time : 3 hours   Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   Explain the components of computer.

2.   Write short note on information communication technology.

3.   Discuss the characteristics if computer.

4.   Describe system software with suitable example.

5.   Explain the major role of operating system in computer.

6.   Explain the features of application software.

7.   Discuss briefly about the Storage devices.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain the components of information communication technology.

9. Discuss windows operating system.

10. Enumerate the role of computer in information society.

11. Define computer. Discuss about the types of Computers.

12. Write short notes on Presentation Software. Discuss briefly database in LIS.

13. What is system software? Discuss how it is different from application software.

14. Explain difference types of storage media along with their merits and demerits.

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| **PG–471** | **LAN–02** |

P.G. DIPLOMA EXAMINATION – JUNE 2019.

Library Automation and Networking

LIBRARY AUTOMATION

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   List the criteria for automation.

2.   What is retrospective conversion?

3.   Discuss about the various library software packages.

4.   What are the functions of circulation?

5.   List some of the Electronic Document Delivery systems available.

6.   Enumerate briefly the characteristics required for evaluation of the hardware and software.

7.   Explain the objectives and functions of a machine readable catalogue.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. What are the areas of library automation? Discuss in detail.

9. Discuss in detail about commercial software and open source software. List out the differences between them.

10. Discuss the need for budgeting in libraries in detail.

11. What do you mean by SOUL? Explain the functions of this software.

12. Explain the subsystems of automated serials control.

13. Discuss about the Document Delivery service of NISCAIR.

14. Describe the importance of online bibliographic services with the help of relevant examples.

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P.G. DIPLOMA EXAMINATION – JUNE 2019.

Library Automation and Networking

INFORMATION SYSTEMS MANAGEMENT

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define Data Flow Diagram and briefly explain its basic elements.

2. Examine the concept of Entity-Relation diagram.

3. Discuss about the five types of organizational structure.

4. Differentiate between MIS and DIS.

5. Tabulate the various Boolean operators and their meanings.

6. State the advantages of SQL.

7. Mention the skills required in a System Analyst.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Discuss the system development a life cycle and its phases with the help of examples and illustrations.

9. Describe top-down design with the help of flowcharts.

10. Discuss the importance of DBMS and explain its characteristics.

11. Discuss the importance of data models and explain the basic types of data models.

12. Explain the detail the various components of Decision Support Systems.

13. Describe the basic types of SQL commands.

14. Explain Enterprise Resource Planning (ERP) and state its features and advantages.

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P.G. DIPLOMA EXAMINATION – JUNE 2019.

Library Automation and Net Working

NETWORKING AND INTERNET RESOURCES

Time : 3 hours   Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   What is Data Network?

2.   Define Metadata.

3.   List out the types of Network.

4.   What are the models of network Management?

5.   Explain Information Network Management.

6.   What are the types of Resource Available in Humanities?

7.   Discuss Evaluation in Internet Resources.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE of the following.

8. What is Network Software? Explain in detail.

9. Define Library and Information Networks.

10. Discuss Network Technology.

11. Explain in detail about Meta Resources.

12. Describe Network Based Information Services.

13. What are the types of Resources Available in Social Sciences?

14. Discuss Digital Library?

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P.G DIPLOMA EXAMINATION — JUNE, 2019.

CONTENT DEVELOPMENT

Time : 3 hours   Maximum marks : 75

SECTION A — (5 × 5 = 25)

Answer any FIVE questions.

1. Briefly discuss about Information Services and Products.

2. What is Content Analysis?

3. Define Content Setting

4. Explain the Quantitative Aspect.

5. Explain Knowledge Creation.

6. Discuss web based Content—development?

7. Write a short note on HTML with example.

SECTION B — (5 × 10 = 50)

Answer any FIVE questions.

8. Discuss in detail about Quantitative and Qualitative Aspects.

9. What are the technologies available in Knowledge Management?

10. Describe Content Analysis.

11. Explain Knowledge Management in detail.

12. Define Legal and Ethical issues in detail.

13. Describe XML with examples.

14. List out the Norms and Guidelines for Content Development.

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P.G. DIPLOMA EXAMINATION – JUNE 2019.

Library Automation and Networking

PROGRAMMING

Time : 3 hours   Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   What is Programming.

2.   Explain Classes

3.   Write a short note on Operators.

4.   Define Algorithm and Flow charting.

5.   Define Procedures in VB.

6.   What is Objects in C++.

7.   Briefly discuss about Function in Visual Basic.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Write a detail note on Packages and Interfaces.

9. Explain in detail about Data types, Operators and Arrays

10. Describe Programming and Programming Languages.

11. What are Classes and Objects? Explain in detail.

12. How to create forms with data controls?

13. Describe the Advanced features of VB 6.0.

14. Discuss Inheritance Extending Classes.

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