

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.Sc. Health Science Library and Information Studies**

**Second Year (Semester-III)**

**Feb/March 2017 Examination**

**Time : 2.30 Hrs.**

**[Max. Marks : 80]**

**Paper - I**

**Health Information Systems, Sources, Services and Management**

**Q.P Code : 8113**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any two)**

**2 X 10 = 20 Marks**

1. Discuss the social, cultural, legal and ethical aspects of health information.
2. Write an essay on electronic health records management.
3. Explain the history, objectives and services of MEDLINE.

**SHORT ESSAY (Answer any Nine)**

**9X 5 = 45 Marks**

4. Bioinformatics.
5. Hospital information system.
6. Vocabulary control.
7. National information system.
8. NLM.
9. Objectives of KM.
10. NISCAIR.
11. System design.
12. DRM.
13. Characteristics of health information.

**SHORT ANSWERS (Answer any Five)**

**5 X 3 = 15 Marks**

14. Medical transcription.
15. GIS.
16. Genome databases.
17. UMLS.
18. Public Health Projects.
19. Health informatics.

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**Paper - II**

**Database Systems and information Retrieval**

**Q.P. Code : 8223**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any two)**

**2 X 10 = 20 Marks**

1. Discuss the physical and logical data structures in databases.
2. Write an essay on evaluation of information retrieval systems.
3. Explain client-server architecture in detail.

**SHORT ESSAY (Answer any Nine)**

**9X 5 = 45 Marks**

4. Database integrity.
5. Relational databases.
6. Boolean model.
7. Recall and precision.
8. Document representation.
9. Normalization.
10. Types of databases.
11. Database partitioning.
12. Query processing.
13. Document clustering.

**SHORT ANSWERS (Answer any Five)**

**5 X 3 = 15 Marks**

14. Database concurrency.
15. SQL.
16. Searching Vs. Browsing.
17. Thesaurus.
18. Pattern matching.
19. Database replication.

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**Paper - III**  
**Web, Networking and Emerging Technologies**  
**Q.P Code : 8333**

*Your answers should be specific to the questions asked.*  
*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any two)**

**2 X 10 = 20 Marks**

1. Write an essay on the components and services of the Internet.
2. What is search engine? Explain the different types of search engines.
3. What is networking? Discuss the different types of networks.

**SHORT ESSAY (Answer any Nine)**

**9X 5 = 45 Marks**

4. Health portal.
5. OCLC
6. Website Hosting
7. DHTML
8. Star and Ring Topologies
9. INFLIBNET
10. FTP
11. CGI Programming.
12. World wide web.
13. Mail servers.

**SHORT ANSWERS (Answer any Five)**

**5 X 3 = 15 Marks**

14. Animation tools.
15. Open URL.
16. Leased line connectivity.
17. PHP.
18. DNS.
19. REST.

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