

19. Illustrate Decision Support System Components with neat diagram?

20. Discuss in detail about the challenges in health issues in Information Technology? How Ergonomics emphasizes the health problems?

S.No. 9255

NSHAY 2

(For candidates admitted from 2015–2016 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

Part III — Allied

HOSPITAL INFORMATION SYSTEM

Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. Give examples for communication media.
2. What is ATMS and MICR Devices.
3. Why Complex systems become difficult to maintain? Give the solution to overcome the problem in HIS?
4. List out the areas of HIS in a hospital?
5. What are the types of records in information system?
6. What is Transaction Processing system?
7. What are the uses of DSS components?

8. What are the importance of user – interface management.
9. Define Spyware?
10. What is the good of Ergonomics?

SECTION B — (5 × 7 = 35)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write short notes on storage systems with examples.

Or

- (b) List out the goals of Hospital Information System (HIS).

12. (a) Explain about the components of Managerial Information System.

Or

- (b) Discuss about Internal and External Factors influencing change in Hospital Information System.

13. (a) Write short notes on Distributed database in Information Technology?

Or

- (b) Explain about Implementing data resource management.

14. (a) Discuss about Information Decision and management.

Or

- (b) Write short note on What If analysis and optimization Analysis in DSS?

15. (a) Write short notes on Ethical Guidelines in Information Technology?

Or

- (b) Explain about Software Piracy in Information Systems?

SECTION C — (3 × 15 = 45)

Answer any THREE questions.

16. Explain about Hospital Strategic Information System Planning and Formulation Process?

17. Discuss in detail about the needs of Hospital Information System?

18. Explain in detail about Types and characteristics of Transaction Processing System in database maintenance.