

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2017-2018 & 2020-2021)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM
*Q.P. Code : 435029***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Through the role of Information Technology, how can we promote hospitals with modern methods?
2. What are the legal aspects of Medical Records Privacy? What are the Privacy violations?

II. Write notes on:

(10 x 6 = 60)

1. Why is Internet used in business?
2. E-Commerce Application
3. What is Speech Recognition?
4. Clinical Information Systems
5. Database Structure
6. Administrative Information System.
7. Interactive Marketing
8. Different types of optical disks
9. Sources of health Information.
10. Medical Transcription

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1022]

OCTOBER 2022

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2017-2018 & 2020-2021)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM**

Q.P. Code : 435029

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the impact of Information and Communication technology in patient care and medical records.
2. IT as a tool for competitive advantage –Distinguish between competitive and comparative advantage.

II. Write notes on:

(10 x 6 = 60)

1. Business Process Re engineering.
2. Operating Systems.
3. Speech Recognition.
4. Different types of optical disks.
5. Data mining.
6. Interactive Marketing.
7. E-Commerce Application.
8. Legal aspects of Medical Records.
9. Clinical Information Systems.
10. Medical Transcription.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0523]

MAY 2023

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2020-2021)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM**

Q. P. Code: 435029

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. The importance and application of Information Technology in Hospitals.
2. Discuss the modern input, output and Storage technology and trends.

II. Write notes on:

(10 x 6 = 60)

1. Challenges of implementing ICT in healthcare.
2. Operating Systems.
3. Common types of Database Management.
4. E-Commerce Application.
5. Impact of Computerisation of Medical Records.
6. Administration Information System.
7. Business Process Re Engineering.
8. Uses of Medical Records.
9. Internet in commerce applications.
10. Benefits of Database Management.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1023]

OCTOBER 2023

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (From 2020-2021 onwards)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM**

Q. P. Code: 435029

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. What is the role of Medical Records in Health Care; also explain the impact of Electronic Health Record system.
2. Explain the importance and types of database management system.

II. Write notes on:

(10 x 6 = 60)

1. Uses and value of Information Technology.
2. Voice recognition and Response optical scanning.
3. IT as tool for competitive advantage.
4. Data Mining.
5. Legal Aspects of Medical Record.
6. Clinical Information System.
7. Word Processing and Desktop Publishing.
8. Cloud based data system.
9. Input technology and trends.
10. Need of Data Security and Safety.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0524]

MAY 2024

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2020-2021)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM**

Q. P. Code: 435029

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Elaborate on support service and technical information systems in detail.
2. Write in detail about the aspects of medical records in hospital information systems.

II. Write notes on:

(10 x 6 = 60)

1. Write about B2C model.
2. Explain about programming languages with examples and its use in hospital information systems.
3. Write about data mining and its use in healthcare setting.
4. Explain about legal aspects of medical records.
5. Explain about the types of video outputs and its purposes.
6. Briefly explain about clinical information systems in the hospital.
7. Explain how IT can offer a competitive advantage for a hospital?
8. Write about voice recognition and its use in healthcare setting.
9. Explain about interactive marketing.
10. Briefly explain the concepts of database management.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1025]

OCTOBER 2025

Sub. Code: 5029

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2020-2021)
PAPER IX – HOSPITAL MANAGEMENT INFORMATION SYSTEM**

Q. P. Code: 435029

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail on data concepts and database management approach.
2. Elaborate on E-Commerce application.

II. Write notes on:

(10 x 6 = 60)

1. What is healthcare business process re-engineering?
2. Describe hardware and software systems with examples.
3. What is Interactive marketing?
4. Explain Pros & Cons of DBMS.
5. Explain role of medical record in healthcare delivery.
6. Describe the importance and legal aspects of medical record.
7. Explain networking concept in detail.
8. Describe Clinical information system.
9. How Clinical information system plays a vital role in healthcare setup?
10. Explain medical Transcription.
