

B.Sc. MEDICAL RECORD SCIENCE
(Candidates admitted form 2010-2011 onwards)

SECOND YEAR

PAPER IV– HEALTH INFORMATION MANAGEMENT-I & NOMENCLATURE

Q.P. Code : 801714

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define hospital. Explain the types of hospitals in different ways.
2. Describe the evolution of the computer-based patient record and its supporting technologies.
3. Explain the policies and procedures for corporate compliance.

II. Write notes on:

(8 x 5 = 40)

1. Define informatics. What is the goal of health care informatics ?
2. Explain current procedural terminology.
3. What is the difference between patient - identifiable data and aggregate data?
Why are secondary data sources developed ?
4. Give the comparison between medicare and Medicaid programs.
5. Write down the steps in the coding process.
6. Describe the role of a registered health information administrator.
7. Write about organization and operation of modern hospitals.
8. Explain clinical work stations.

III. Short Answers on:

(10 x 3 = 30)

1. Write about voice recognition technology.
2. Define master patient index.
3. What is a clinical Trial.
4. What is TRICARE.
5. Short note on ICD-9-CM.
6. Define Telemedicine.
7. How is a case definition different from case finding?
8. Why is the ULMS of interest to HIM professionals?
9. Define DRG.
10. Give an example of data that are found in a patient Medical record. How could these become information?

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SECOND YEAR

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Q.P. Code : 801714

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define Informatics. Explain its tasks.
2. What are the basic principles of Information Management?
3. Explain the factors on which the quality of coded clinical data depends and the elements according to which the clinical data can be evaluated.

II. Write notes on:

(8 x 5 = 40)

1. Explain the disease and operation indexes.
2. What factors must be considered when determining the quality of data ?
3. What are the four essential characteristics of ICD-10 PCS? Describe them.
4. List the functions of Health Information technology.
5. What is unified medical language system? Write about the three knowledge sources found in the ULMS.
6. Write short notes on (a) HMO. (b) PPO.
7. Explain about Computer based Patient Record system.
8. Write down the function of the data administrator.

III. Short Answers on:

(10 x 3 = 30)

1. What is the role of a Health Information manager in an integrated delivery system?
2. Write about Clinical work station.
3. Define Telemedicine.
4. What is an encoder?
5. What is the difference between an index and registry?
6. What is the difference between security and confidentiality?
7. Write short note on certified coding specialist.
8. Write short note on AHIM.
9. What is the difference between Blue cross and Blue shield?
10. Short note on International Classification of Diseases for oncology.

[LF 0212]

AUGUST 2014

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE
(Candidates admitted form 2010-2011 onwards)

SECOND YEAR

PAPER IV– HEALTH INFORMATION MANAGEMENT-I & NOMENCLATURE

Q.P. Code : 801714

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Types of Hospitals and types of hospital services.
2. E – Health.
3. Scope of Health Information.

II. Write notes on:

(8 x 5 = 40)

1. Development of Data Dictionaries.
2. Registered Health Information Technician.
3. Characteristics (Dimensions) of data quality.
4. Master Patient Index.
5. Tasks of informatics.
6. Topics of Health information management Body of knowledge.
7. Functions of Health Information technology.
8. Organization and operations of modern hospitals.

III. Short Answers on:

(10 x 3 = 30)

1. Home care services.
2. Managed care.
3. Dimensions of data quality.
4. Current Procedural Terminology.
5. International Classification of Diseases – 10th Revision.
6. Medicaid.
7. Eligibility criteria of Health resources and Service Administration.
8. Biometric technology.
9. Data Security.
10. Electronic [computer-based] Medical Record.

[LH 0815]

AUGUST 2015

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE
(Candidates admitted form 2010-2011 onwards)

SECOND YEAR

PAPER IV– HEALTH INFORMATION MANAGEMENT-I & NOMENCLATURE

Q.P. Code : 801714

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Joint Commission on Accreditation of Health Care Organizations [JCAHO].
2. Computerized Patient Records [CPR] system attributes.
3. Data security and elements of Coding Quality.

II. Write notes on:

(8 x 5 = 40)

1. Management of documentation and coding quality.
2. Managed care.
3. Comparison of Medicare and Medicaid programmes.
4. Health care reimbursement systems.
5. Elements of Corporate Compliance.
6. Current Procedural Terminology.
7. Key responsibilities of Health Information Administrator.
8. Health Information Forms Designing.

III. Short Answers on:

(10 x 3 = 30)

1. Integrated Delivery Systems [IDSs].
2. Characteristics of Organization and Operations of Modern Hospitals.
3. Mission, Vision and Values of a Hospital.
4. Peer Review.
5. Health Care Informatics.
6. Computer based Patient Record System.
7. Facility – Specific Indexes.
8. International Classification of Diseases – 10th Revision [ICD – 10].
9. Health Care Reimbursement System.
10. Medicaid.

**B.Sc. MEDICAL RECORD SCIENCE
SECOND YEAR
PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. List out the standards of Ethical coding developed by AHIMA's Coding Policy Strategic Committee.
2. Write down some of the major occupations usually considered to be Allied Health Professional and explain any four of them.
3. Name the different types the hospitals can be classified into. Explain any three types.

II. Write notes on: **(8 x 5 = 40)**

1. Explain Voice Recognition Technology.
2. List out any 5 items to be included in Coding Policies and procedures.
3. What are the purposes of Secondary Data Sources?
4. Write down any five of AHIMA's code of Ethics.
5. Explain Clinical Trials.
6. What is Accreditation?
7. Write notes on ICD-10.
8. What is Certification, what are its advantages?

III. Short answers on: **(10 x 3 = 30)**

1. Write short notes on Peer Review.
2. Explain Managed Care.
3. Write short notes on Physician Index.
4. Write short notes on UML – Unified Medical Language System.
5. Write short notes on ICD-9 CM.
6. Write short notes on Trauma Registers.
7. Write short notes on Psychiatric Hospitals.
8. Write short notes on Case finding.
9. Write short notes on Master Patient / Population Index.
10. Write about Computer Viruses.

**B.Sc. MEDICAL RECORD SCIENCE
SECOND YEAR
PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. What are the Current and Evolving Professional roles of Health Information Manager? Explain any four of them.
2. What are the different types of Data that the Health Information include? Explain any four of them.
3. What are the different functions of Health Information Technology?

II. Write notes on:

(8 x 5 = 40)

1. Write notes on Cancer Registries.
2. Write any five of AHIMA's code of ethics.
3. What is Certification? List out the advantages of Certification.
4. Write short notes on Registered Health Information Administrator.
5. What are the responsibilities of Board of Directors?
6. Write notes on Voice Recognition Technology.
7. Write notes on RHIA.
8. What is JCAHO?

III. Short answers on:

(10 x 3 = 30)

1. The term Hospital can be applied to any Health Care Facility that has four characteristics. What are they?
2. Explain Home Health care services.
3. Define Health Care Informatics.
4. Write short notes on Master Patient / Population Index.
5. Write short notes on Integrated Delivery System.
6. Explain Computer Viruses.
7. Explain SNOMED – Systematized Nomenclature of Medicine.
8. What is Encryption?
9. Explain Vital Statistics.
10. Write short notes on AHIMA.

**B.Sc. MEDICAL RECORD SCIENCE
SECOND YEAR
PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. What are the different types the hospitals can be classified into? Explain any three types.
2. Write an essay on the various functions of Health Information Technology.
3. What are the Current and Evolving Professional roles of Health Information Manager? Explain any four of them.

II. Write notes on:

(8 x 5 = 40)

1. List out any five items to be included in Coding policies and procedures.
2. Write short notes on ICD-10.
3. Define Informatics and Health Care Informatics.
4. Write short notes on Registered Health Information Administrator.
5. Write short notes on Disease and Operation Indexes.
6. What is Certification? Give the advantages of Certification.
7. What are the different types of data that the Health Information include? Explain any two.
8. What are the purposes of secondary Data sources?

III. Short answers on:

(10 x 3 = 30)

1. Write any three specific responsibilities that the Board of Directors possess.
2. Write short notes on Certified Coding Specialist.
3. Write short notes on Vital Statistics.
4. Write short notes on Computer Viruses.
5. Mention any three of AHIMA's code of ethics.
6. Write short notes on Rehabilitation Hospitals.
7. Write short notes on Peer Review.
8. What is Hospice Care?
9. Write short notes on Disease Registries.
10. Explain about Clinical Trials.

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Explain Organization of Hospital Service.
2. Briefly describe the principles of form design.
3. What is Indexes? Explain detail about its types.

II. Write notes on: **(8 x 5 = 40)**

1. Explain Coding Policies and Procedures.
2. Write short notes on Optical Character Recognition Technology.
3. Explain Retention of the Health Record.
4. Explain Numbering system.
5. Types of filing system.
6. List the Code of Ethics for health information professionals.
7. Write short notes on Standardized Data Sets.
8. Functions of Health records and Health information.

III. Short answers on: **(10 x 3 = 30)**

1. Clinical Trials.
2. Vital Statistics.
3. Certified Coding Specialist.
4. Define Health Information Management.
5. Implant Registries.
6. Confidentiality.
7. Unified Medical Language system.
8. Electronic Medical Record.
9. Define Health Record.
10. Types of Filing System.

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. E – Health.
2. Computerized Patient Records [CPR] system attributes.
3. Explain the policies and procedure for corporate compliance.

II. Write notes on: **(8 x 5 = 40)**

1. Explain clinical work stations.
2. Write down the steps in the coding process.
3. Write about organization and operation of modern hospital.
4. Write short notes on (a) HMO. (b) PPO.
5. What are the purposes of secondary Data sources?
6. Write short notes on ICD-10.
7. Explain Clinical Trials.
8. Write down any five of AHIMA's code of Ethics.

III. Short answers on: **(10 x 3 = 30)**

1. Define Telemedicine.
2. Write short notes on Master Patient / Population Index.
3. Write short notes on Trauma Registers.
4. Data Security.
5. Electronic [computer-based] Medical Record.
6. What is TRICARE?
7. Define DGR.
8. What is Hospice Care?
9. What is the difference between an Index and Registry?
10. What is the difference between security and confidentiality?

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR

**PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND
NOMENCLATURE**

Q.P. Code: 801714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Define health information management. Explain in detail about scope of information.
2. Describe the processing and maintenance of secondary database.
3. Explain standards of ethical coding.

II. Write notes on: **(8 x 5 = 40)**

1. Explain qualitative analysis of a health record.
2. Health care reimbursement systems.
3. Explain enterprise master patient indexes.
4. Explain current procedural terminology.
5. Explain characteristics of a health information profession.
6. Write short notes on data base life cycle.
7. Explain current status of computer based patient record system.
8. Write short notes on Medicare.

III. Short answers on: **(10 x 3 = 30)**

1. What is the difference between blue cross and blue shield?
2. Write short notes on peer review.
3. Rehabilitation services.
4. Define health records.
5. Autocoding.
6. Nosology.
7. Cancer register.
8. Clinical data.
9. Unique identifier.
10. Discharge summary.

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

[AHS 0321]

MARCH 2021

Sub. Code: 1714

(AUGUST 2020 EXAM SESSION)

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019)

PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND NOMENCLATURE

Q.P. Code : 801714

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Informatics. Explain its tasks.
2. What are the different types the hospitals can be classified into? Explain any three types.
3. Scope of Health Information.

II. Write notes on:

(8 x 5 = 40)

1. Characteristics (Dimensions) of data quality.
2. Functions of Health Information technology.
3. Master Patient Index.
4. Registered Health Information Technician.
5. Health care reimbursement systems.
6. Comparison of Medicare and Medicaid programmes.
7. Explain current procedural terminology.
8. Key responsibilities of Health Information Administrator.

III. Short answers on:

(10 x 3 = 30)

1. Define Telemedicine.
2. What is an encoder?
3. What is the difference between Blue cross and Blue shield?
4. What is Hospice Care?
5. Write short notes on Disease Registries.
6. Explain Managed care.
7. Write short notes on ICD-9 CM.
8. Write short notes on Peer Review.
9. Write short notes on UML - Unified Medical Language System.
10. Biometric technology.

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

[AHS 0222]

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

Sub. Code: 1714

**B.Sc. MEDICAL RECORD SCIENCE
SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019)
PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND NOMENCLATURE
Q.P. Code : 801714**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (3 x 10 = 30)

1. What are the basic principles of information management?
2. E-Health.
3. Scope of health information.

II. Write notes on: (8 x 5 = 40)

1. What is certification? List of the advantages of certification.
2. Write notes on RHIA.
3. Explain clinical trials.
4. What is Accreditation?
5. Explain Voice Recognition Technology.
6. Managed care.
7. Comparison of Medicare and Medicaid program.
8. Current Procedural Terminology.

III. Short answers on: (10 x 3 = 30)

1. Biometric technology
2. Electronic Medical records (Computer based)
3. Home Care Services
4. Integrated Delivery System (IDSs)
5. Peer Review
6. Mission, Vision and Values of a Hospital
7. Write short notes on Psychiatric Hospital
8. Explain SNOMED (Systematized Nomenclature of Medicine)
9. What is Encryption?
10. Write any three specific responsibilities that the Board of Directors possess

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

[AHS 0423]

APRIL 2023

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019 onwards)

PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND NOMENCLATURE

Q.P. Code: 801714

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. What are the major occupations in Allied Health Professional and explain them.
2. Explain Scope of Health Information.
3. Explain Unified Medical Language System.

II. Write notes on:

(8 x 5 = 40)

1. Medicare and Medicaid.
2. What are the characteristics of Data Quality?
3. Explain the policies and procedure for corporate compliance.
4. Registered Health Information Technician.
5. Explain Coding Policies and Procedures.
6. Health Maintenance Organizations.
7. What are the Purposes of Secondary Data Sources?
8. Explain Joint Commission on Accreditation of Healthcare Organizations.

III. Short answers on:

(10 x 3 = 30)

1. Define Informatics.
2. Master Patient Index.
3. Define Cryptography.
4. Define Encoders.
5. Define Tricare.
6. Biometric Technology.
7. Facility-Specific Indexes.
8. Define AHIMA.
9. Data Security.
10. Define Personal Health Records.

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019 onwards)

PAPER IV – HEALTH INFORMATION MANAGEMENT - I AND NOMENCLATURE

Q.P. Code: 801714

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (3 x 10 = 30)

1. Explain Types of Hospitals and Types of Hospital Services Provided.
2. Explain E-Health.
3. Explain AHIMA Code of Ethics.

II. Write notes on: (8 x 5 = 40)

1. Describe Voice Recognition Technology.
2. What are the Functions of Health Information Technology?
3. Registered Information Technician.
4. Explain Database Life Cycle.
5. What are the Types of Registers and explain any two of them?
6. What are the Elements of Coding Quality?
7. What is Certification and explain its Advantages?
8. Explain Types of Ownership.

III. Short answers on: (10 x 3 = 30)

1. Home Care Services.
2. Define Clinical Work stations.
3. AHIMA's Professional Definition of Health Information Management.
4. Define Clinical Trials.
5. Define Mission, Vision and Value Statement of a Hospital.
6. ICD 10.
7. Define Physician Index.
8. Long-Term Care.
9. What is the difference between an Index and Registry?
10. Define Application Service Providers.

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

[AHS 0424]

APRIL 2024

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019 onwards)

PAPER IV – HEALTH INFORMATION MANAGEMENT - I & NOMENCLATURE

Q.P. Code: 801714

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (3 x 10 = 30)

1. Data security and elements of coding quality.
2. Joint Commission on Accreditation of Health Care Organizations (JCAHO).
3. Briefly describe the principle of form design.

II. Write notes on: (8 x 5 = 40)

1. Health care Reimbursement System.
2. Development of Data Dictionaries.
3. Registered Health Information Technicians.
4. Characteristics (Dimensions) of Data Quality.
5. Master Patient Index.
6. Topics of Health Information Management Body of Knowledge.
7. Organization and Operation of Modern Hospitals.
8. Write short notes on: a) HMO b) PPO

III. Short answers on: (10 x 3 = 30)

1. Implant registries.
2. Define Health Record.
3. What is Hospice care?
4. Rehabilitations in Hospital.
5. Explain Vital Statistics.
6. Write short notes on case findings.
7. International Classification of Diseases 10th Revision.
8. Give an example of Data that are found in a patient medical record. How could these become information?
9. What is the difference between Index and Registry?
10. What are the three characteristics of ICD-10PCS, describe them.

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

[AHS 1125]

NOVEMBER 2025

Sub. Code: 1714

B.Sc. MEDICAL RECORD SCIENCE

SECOND YEAR (Regulations 2010-2011, 2015-2016 & 2018-2019 onwards)

PAPER IV – HEALTH INFORMATION MANAGEMENT - I & NOMENCLATURE

Q.P. Code: 801714

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain E-health.
2. Briefly discuss about Aggregate Health Care Data.
3. Health record storage and retrieval.

II. Write notes on:

(8 x 5 = 40)

1. Standardized data set.
2. Registered health information technician.
3. Guidelines for documenting and maintain the patient health record.
4. Integrated health records.
5. Medical word processing.
6. Qualitative analysis and Quantitative analysis
7. Difference between data base and data source.
8. Data capture technology.

III. Short answers on:

(10 x 3 = 30)

1. Define professional.
2. Data integrity.
3. Progress notes.
4. Define maintenance issue in CPR system.
5. Cancer registries.
6. Destruction policy
7. Clinical trials.
8. ICD-O.
9. Nomenclature.
10. Accreditation.
