

August - 2009

[KV 870]

Sub. Code: 4920

**BACHELOR OF MEDICAL RECORD SCIENCE DEGREE
EXAMINATION**

(For candidates admitted from 2006-07 onwards)

Second Year

**Paper V – HEALTH INFORMATION MANAGEMENT
MEDICAL TRANSCRIPTION AND TELEMEDICINE**

Q.P. Code : 704920

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

Answer Section A, B and C in a separate Answer Book

**SECTION – A
(HEALTH INFORMATION MANAGEMENT)**

I. Essays :

1. Explain in detail on the 'Coding Policies and Procedures'. (20)
2. List out and explain the specialized health record content. (15)

II. Write Short Notes on : (1X 5 = 5)

1. What are the formats of the paper based health record? Explain

III. Short Answer Questions: 5X2 = 10)

1. What are the data collected for the cancer registry?
2. What are the data collected for immunization registries?
3. List out the activities conducted under national health care survey.
4. Describe the qualitative analysis of records.
5. What are legal record retention requirements of the accreditation agencies?

V. Give the meaning of the following medical terms.

(5X1=5)

1. Diastole.
2. Constipation.
3. Tracheostomy.
4. Polyuria.
5. Melanoma.

VI. Match the following:

(10X1=10)

- | | | |
|------------------|----|--------------------------|
| 1. Septem | a) | White |
| 2. Micro | b) | Fear of man. |
| 3. Androphobia | c) | Fear of walking |
| 4. Anthrophobia. | d) | Green. |
| 5. Basophobia. | e) | Fear of society. |
| 6. Basiphobia. | f) | Fear of work |
| 7. Phenophobia | g) | Fear of standing upright |
| 8. Ponophobia. | h) | Fear of light |
| 9. Leucos. | i) | 1/1,000,000 |
| 10. Chloros. | j) | Seven. |

VII. Short answer questions:

(10X2=20)

1. Write three planes of the body and three positional terms with their meaning.
2. What is meant by, "Bony processes"? Give two examples.
3. What is the difference between "Kyphosis" and "Lordosis"?
4. Write the four cardiac chambers.
5. What is meant by the term "Cardio Pulmonary Resuscitation"?
6. Write two uses of echocardiography to conclude the diagnosis.
7. What is the difference between "Haematemesis" and "Haemoptysis"?
8. Write the diagnostic term for the following conditions.
 - a) Acute or chronic inflammation of liver caused by hepatitis viruses A or B.
 - b) Presence of gall stones in biliary duct.
9. Enumerate the protozoa causing the following diseases,
 - a) Malaria.
 - b) Amoebiasis
10. Name the medical terms for colours noted below
 - a) Black
 - b) Red
 - c) Yellow
 - d) Golden.

SECTION – B
(MEDICAL TRANSCRIPTION)

I. Essay :

1. Tell why laboratory tests are important and why medical transcriptionists should know normal values? (15)

II. Write Short Notes on : (1X 5 = 5)

1. Describe three ways in which silent letters in the spelling of English word, complicate the process of medical transcription.

III. Short Answer Questions: (2 X2 =4)

1. Describe the structure and two functions of the skin.
2. Describe common features a physician looks for on examination of the heart and vessels.

SECTION – C
(TELEMEDICINE)

I. Write Short Notes on: (4X5 = 20)

1. Define 'Telemedicine'. How is real time telemedicine different from store and forward type of telemedicine?
2. Briefly describe how rural India would benefit from telemedicine. State reasons clearly. (2+3=5)
3. Describe the essential components of a telemedicine setup in your hospital/health care center.
4. What does the proposed draft of the telehealth act state? How will it benefit users of telemedicine (2+3=5)

II. Short Answer Questions: (3 x 2 = 6)

1. Write two advantages of telemedicine.
2. What is healthcare, define- health.
3. Mention two medical specialities where telemedicine is being actively used.

February 2011

[KY 870]

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(For candidates admitted from 2006–2007 onwards)

Second Year

Paper V — HEALTH INFORMATION MANAGEMENT MEDICAL
TRANSCRIPTION AND TELEMEDICINE

Q. P. Code : 704920

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Section A, B and C in a separate Answer Book.

SECTION A

(HEALTH INFORMATION MANAGEMENT)

I. Essays :

1. Explain the details of Organization and operation of Modern Hospitals. (20)
2. Explain the Research models, Research process and Research question. (15)

II. Write short notes : (1 × 5 = 5)

1. Describe update of the professional definition of Health Information Management.

III. Short answer questions : (5 × 2 = 10)

1. Mention the guidelines for documenting and maintaining the Patient Health Record.
2. Write about the standards of Ethical coding.
3. What are the steps involved in selection of a Research method?
4. Explain the terms problem solving and decision making.
5. Write about the types of projects.

SECTION B

(MEDICAL TRANSCRIPTION)

I. Essays : (1 × 15 = 15)

1. Describe the Endocrine system.

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- II. Write short notes on : (1 × 5 = 5)
1. Describe the various types of dictated medical reports.
- III. Short Answer questions : (2 × 2 = 4)
1. Define the types of body cavities.
 2. What are the important elements of medical terms?

SECTION C

(TELEMEDICINE)

- I. Write short notes on : (4 × 5 = 20)
1. Write briefly the basic requirements to set up telemedicine unit in a hospital.
 2. Define telemedicine. How is it benefited to patients in remote area?
 3. What are the guidelines to practice telemedicine in a hospital?
 4. Which are the general methods for efficiency in Telemedicine investigations?
- II. Short Answer questions : (3 × 2 = 6)
1. What are all the mode of connectivity for video conferencing?
 2. Who takes the responsibility of patient records through Telemedicine?
 3. Write two advantages of Telemedicine.
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August 2011

[KZ 0811]

Sub. Code: 4920

BACHELOR OF MEDICAL RECORD SCIENCE (B.M.R.SC.,)

SECOND YEAR

**PAPER V – HEALTH INFORMATION MANAGEMENT,
MEDICAL TRANSCRIPTION AND TELEMEDICINE**

Q.P. Code : 704920

Time: Three hours

Maximum: 100 Marks

Answer All Questions

Answer Section A, B and C in a separate Answer Book

SECTION – A

(HEALTH INFORMATION MANAGEMENT)

I. Elaborate on : **(1 x 10 = 10)**

1. Current status of computer based patient record system.

II Write Notes on: **(5 x 5 = 25)**

1. Write about Types of Hospitals
2. Write E-Health, what are the key qualities required
3. Explain the Health Information Technology
4. Explain the Health care Reimbursement systems
5. Write the quality management process

III Short Answers on: **(5 x 3 =15)**

1. Define clinical work stations
2. What is Nasology?
3. What are the format of the paper based health record
4. Define Disease and operation indexes
5. Write research process

SECTION – B

(MEDICAL TRANSCRIPTION)

I. Elaborate on : **(1 x 10 = 10)**

1. Explain physical examination findings in Medical Transcription

II Write Notes on: **(2 x 5 = 10)**

1. What are the problems encounter in quick summary
2. Explain the three ways in which silent letters in the spelling of English words.

III Short Answers on: **(2 x 3 = 6)**

1. What are the basic rules of Medical Transcription
2. Describe the structure and four functions of the skin

(PTO)

SECTION – C
(TELEMEDICINE)

I. Elaborate on :

(1 x 10 = 10)

1. Explain the technologies being used in Telemedicine

II Write Notes on:

(2 x 5 = 10)

1. What is the telemedicine act 2003. Describe the main part of act
2. What are the general methods for telemedicine efficiency investigations

III Short Answers on:

(2 x 2 = 4)

1. Write two objectives of Telemedicine program
2. Difference between telemedicine and tele health

[LB 0212]

AUGUST 2012

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BACHELOR OF MEDICAL RECORD SCIENCE

(Candidates admitted from 2006-07 onwards)

SECOND YEAR

**PAPER V – HEALTH INFORMATION MANAGEMENT,
MEDICAL TRANSCRIPTION & TELE MEDICINE**

Q.P. Code : 704920

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|---|----|----|
| 1. Explain Hospital can be classified in many different ways. | 7 | 20 | 10 |
| 2. Why Laboratory tests are important and why medical transcription should know normal values. are they? Explain each one of them briefly. | 7 | 20 | 10 |
| 3. What is purpose of disease and operation indexes what types of information does it include? | 7 | 20 | 10 |

II .Write notes on:

- | | | | |
|--|---|----|---|
| 1. New Employee orientation by organizational, departmental, and individuals levels. | 4 | 10 | 5 |
| 2. Briefly the basic requirements to set up telemedicine in hospital. | 4 | 10 | 5 |
| 3. Components of the medical history? | 4 | 10 | 5 |
| 4. Describe current procedural terminology. | 4 | 10 | 5 |
| 5. What are the formats of the paper based health record. | 4 | 10 | 5 |
| 6. Health record filing systems. | 4 | 10 | 5 |
| 7. Explain eight types national health care survey. | 4 | 10 | 5 |
| 8. What are the purposes of secondary data sources? | 4 | 10 | 5 |

III .Short answers on:

- | | | | |
|---|---|---|---|
| 1. Delegation and Job sharing. | 2 | 4 | 3 |
| 2. Hospital Ambulatory care and inpatient discharge. | 2 | 4 | 3 |
| 3. Steps involved in the coding process. | 2 | 4 | 3 |
| 4. How does concurrent review facilitate record completion. | 2 | 4 | 3 |
| 5. Histogram and pare to chart. | 2 | 4 | 3 |
| 6. Write basic rules of medical transcription. | 2 | 4 | 3 |
| 7. Define cancer registry and birth defects registry. | 2 | 4 | 3 |
| 8. Define encoders. | 2 | 4 | 3 |
| 9. Explain Qualitative Analysis. | 2 | 4 | 3 |
| 10. Write basic required starting telemedicine unit. | 2 | 4 | 3 |

[LC 0212]

FEBRUARY 2013

Sub. Code: 4920

BACHELOR OF MEDICAL RECORD SCIENCE

(Candidates admitted from 2006-07 onwards)

SECOND YEAR

PAPER V – HEALTH INFORMATION MANAGEMENT,

MEDICAL TRANSCRIPTION & TELE MEDICINE

Q.P. Code: 704920

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(3x10=30)

1. Explain hospitals can be classified many different ways.
2. Explain current Information Technology in Healthcare.
3. Explain Health record storage and retrieval.

II. Write notes on:

(8x5=40)

1. Documenting guidelines for maintaining the health record.
2. Explain problem solving and decision making.
3. Describe Endocrine systems.
4. Components of the Medical History.
5. Health Record Numbering systems.
6. Describe the structure and four functions of the skin.
7. Explain the Technologies being used in Telemedicine.
8. Computer Based patient record systems.

III. Short answers on:

(10x3=30)

1. Define 'Telemedicine'.
2. Content of the Emergency Health Record.
3. Master Patient Index.
4. International classification of diseases.
5. Medical Transcription.
6. Define 'Ethnography'.
7. Bed Occupancy Rate with formula.
8. American Health Information management Association.
9. Health Informatics.
10. Clinical Workstations.
