

## MANIPAL UNIVERSITY

SIXTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2007

SUBJECT: APPLIED MEDICAL TRANSCRIPTION  
(COMMON FOR BOTH OLD & NEW REGULATIONS)

Thursday, June 14, 2007

Time: 3 Hours

Max. Marks: 80

✍ Answer ALL the questions.

1. Define “flagging”. When do you flag a report?  
(4+6 = 10 marks)
2. What are the knowledge and skills required for Medical Transcription? What subjects do MTs study to prepare for this profession?  
(10 marks)
3. Why are reference materials and books indispensable resources for the Medical Transcriptionist? Write in detail about any five reference books used by the MTs.  
(10 marks)
4. Write short notes on the following:
  - 4A. Chief complaint.
  - 4B. Review of system.
  - 4C. SOAP format.(5×3 = 15 marks)
5. Proofread the following:

Read the following partial report and look for errors in form, meaning, capitalization, word choice, punctuation and spelling. Rewrite the report with errors corrected.

Ms. Stephnie is a nown severe asthmatic patient who has been admitted on numerus occasions. She developed her asthma approximately 2 years ago. She was well-up until a week prior to admission when she developed a cold which cause her to be a short of breath and conjested. The congestion continued, and he gave herself some injections of Adrenalin. Physical examination at the time of admission revealed a lady in moderate distress there were wheezes, rails and ronchi throughout all lung fields. Their were some substernal and intracoastal retractions. The throat was somewhat inflammed. The rest of the physical examination at the time of admission was entirely within normal limits.

(10 marks)

6. Write true/false.
- 6A. Slang and derogatory comments should not be preserved in the permanent patient record.
- 6B. One disadvantage of being a freelance medical transcriptionist is the unpredictable level of income.
- 6C. Working at home is never isolating because family members are frequently around.
- 6D. A practicum introduces the student to the “real world” of medical transcription.
- 6E. English grammar and punctuation skills should be learned on the job.
- 6F. Wage levels for medical transcriptionists are remarkably similar throughout the country.
- 6G. Carpal tunnel syndrome develops when the ulnar nerve in the hand is pinched by swollen tendons or tissues in the wrist formed by the carpal bones.
- 6H. There are as many differences in pronunciation as there are differences in languages and dialects.
- 6I. A physical therapist is a good choice to counsel employees on the safest and most comfortable ways to perform their tasks.
- 6J. Communication with other medical transcriptionists on the internet should be the primary resource for the independent working from home.

( $\frac{1}{2} \times 10 = 5$  marks)

7. Fill in the blanks.

- 7A. Networking may be defined as the exchange of \_\_\_\_\_ or \_\_\_\_\_ among individual, groups or institution.
- 7B. Always do your own \_\_\_\_\_ before asking for assistance from others in your local or on-line group.
- 7C. The medical record director is now known as \_\_\_\_\_ manager.
- 7D. The suggested industry standard as the basic unit of measure in transcription is the \_\_\_\_\_.
- 7E. According to Dr. John Dirckx, medical transcription is both an \_\_\_\_\_ and a \_\_\_\_\_.
- 7F. The transcriptionist has a responsibility to make editing changes that will enhance but not alter medical \_\_\_\_\_.
- 7G. Surgical anesthesia is administered and supervised by the \_\_\_\_\_ or a qualified nurse \_\_\_\_\_

( $\frac{1}{2} \times 10 = 5$  marks)

8. Give the proper translation for these medical slangs.

- i) bili      ii) retic      iii) chem.      iv) lytes      v) diff  
vi) peds      vii) ca/CA      viii) coag      ix) echo      x) cysto

( $\frac{1}{2} \times 10 = 5$  marks)

9. Write a note on the Quality Assurance in Medical Transcription.

(10 marks)



Reg. No.

**MANIPAL UNIVERSITY**

**SIXTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2007**

**SUBJECT: FOUNDATION OF HEALTH INFORMATION MANAGEMENT  
(OLD REGULATION)**

Friday, June 15, 2007

Time: 3 Hours

Max. Marks: 80

✍ **All questions are compulsory**

1. Define health information system. Draw the structure and component of health information system. Briefly describe the information generation process of health information system.  
(1+5+8 = 14 marks)
2. Briefly describe the information need at health system management function with suitable example.  
(8 marks)
3. Define indicator. Brief the various types of indicator.  
(1+7 = 8 marks)
4. Briefly describe the steps involved in design and implementation of routine data collection systems.  
(10 marks)
5. How the computerizations of health information system improve the quality of data?  
(10 marks)
6. Write short notes:
  - 6A. Horizontal data transmission.
  - 6B. Health information subsystem.
  - 6C. Key facets of population based community health information system.
  - 6D. Data collection instrument.
  - 6E. Functions of health information system.
  - 6F. Source of health information.

(5×6 = 30 marks)



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## MANIPAL UNIVERSITY

SIXTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2007

SUBJECT: COMPUTER APPLICATIONS IN HEALTH  
(OLD REGULATIONS)

Saturday, June 16, 2007

Time: 3 Hours

Max. Marks: 80

✍ All questions are compulsory.

1. Answer the following questions:

1A. Write in detail about 3<sup>rd</sup> and 4<sup>th</sup> generation computers.

(10 marks)

1B. What is Hospital Information System? Write the objective of hospital information system.  
Write the needs and reasons to use HIS.

(1+2+3+4 = 10 marks)

1C. Classify the computers and briefly explain its applications.

(5+5 = 10 marks)

1D. Discuss the need for computerization in Indian Hospitals.

(10 marks)

1E. Format of EMR for 'Physical Examination' section.

(10 marks)

2. Write short notes on the following:

2A. History of computers from 1900-1910.

2B. Medical Records Index Module of HIS.

2C. Flow chart of OP records.

2D. General model of CMD system.

2E. EMR format for history – Diseases of Nervous System.

2F. Local Area Network and its applications.

(5×6 = 30 marks)

