

Reg. No.

**MANIPAL UNIVERSITY**

**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014**

**SUBJECT: HEALTH INSURANCE CODING/INTRODUCTION TO HEALTH INSURANCE  
(COMMON FOR CBS, OR & 2010 BATCH)**

Tuesday, June 03, 2014

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☞ **Answer ALL the questions:**

1. Which are the major federal health insurance plans of US? Write the features of each plan.  
(1+6+3 = 10 marks)
2. What is the purpose of ICD-9-CM? Briefly write about the contents and features of tabular list and index of ICD-9-CM.  
(2+8+5 = 15 marks)
3. With suitable examples write the coding guidelines for coding diseases of circulatory system.  
(10 marks)
4. Write the coding guidelines for coding infectious and parasitic diseases.  
(8+7 = 15 marks)
5. **Write short notes on:**
  - 5A. Health insurance rating companies
  - 5B. Formulary and exclusions
  - 5C. William Farr
  - 5D. Staff and IPA model HMO
  - 5E. Dual coding system
  - 5F. NCHS

(5 marks × 6 = 30 marks)



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**MANIPAL UNIVERSITY**  
**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014**  
**SUBJECT: FRONT OFFICE MANAGEMENT**  
**(2010 BATCH)**

Thursday, June 05, 2014

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☒ **ALL questions are compulsory.**

1. How important is a HR department for a hospital? What should be its location and design? What should be the criteria for training and selection of its front office staff?  
(5+5+5 = 15 marks)
2. What do you understand by health information communication? Explain with reference to communication among different professional groups in the hospital.  
(10 marks)
3. Describe the various strategies of marketing corporate health services.  
(10 marks)
4. What do you understand by patient satisfaction? Explain in detail the criteria for evaluating patient satisfaction.  
(3+7 = 10 marks)
5. List with examples the classification of hospitals in India.  
(10 marks)
6. **Write short notes on the following:**
  - 6A. Barriers to professional management of hospitals
  - 6B. Benefits of Hospital Information System
  - 6C. Hospital and news media relations
  - 6D. Evaluating patient satisfaction
  - 6E. Public health services in India

(5 marks × 5 = 25 marks)



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## MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: PUBLIC HEALTH INFORMATION MANAGEMENT  
(COMMON FOR OR AND 2010 BATCH)

Saturday, June 07, 2014

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

**Answer ALL the questions.**

1. What is health information system? Write the requirement to be satisfied by health information system as per World Health Organization. Explain briefly on types of information collected from the various sources.  
(1+3+6 = 10 marks)
2. Discuss on vertical and horizontal data transmission of health information system with suitable example.  
(5+5 = 10 marks)
3. Discuss on utilization of information at the various levels of healthcare system.  
(10 marks)
4. What are the organizational rules required for the management of country health information system? Explain  
(10 marks)
5. What is an indicator? Classify indicator with suitable example. Write the measures to be taken for the selection and operationalization of health information indicator.  
(1+3+3+3 = 10 marks)
6. Why computerization is important in managing country health information? Draw the flowchart and explain briefly on computerization process designed by World Health Organization.  
(4+6 = 10 marks)
7. **Write short notes on:**
  - 7A. Non routine data collection
  - 7B. Health information system assessment
  - 7C. Key facets of population based community health information system
  - 7D. Health Information System Issues

(5 marks × 4 = 20 marks)



## MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: COMPUTER APPLICATIONS IN HEALTH  
(2010 BATCH)

Tuesday, June 10, 2014

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions.

1. Trace the history and development of computer during first and second generation of computer.  
(10 marks)
2. Discuss briefly on input and output device of computer system with suitable example.  
(5+5 = 10 marks)
3. What is a hospital information system? Write the reason for maintaining hospital information system in a hospital. Explain briefly on nursing, medical records and personnel module of hospital information system.  
(1+3+6 = 10 marks)
4. Define Decision Support System. Draw the general model of decision support system. Write the factor for the acceptance of decision support system.  
(1+3+6 = 10 marks)
5. What are the various barriers in implementing electronic health records? Discuss with suitable example.  
(10 marks)
6. What is eHealth? Discuss briefly on various strategies in implementing eHealth application.  
(1+9 = 10 marks)
7. Write short notes on:
  - 7A. Computer evolution in India
  - 7B. Telemedicine in India
  - 7C. Impact of computers on medical and nursing staff
  - 7D. Internet

(5 marks × 4 = 20 marks)



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**MANIPAL UNIVERSITY**

**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014**

**SUBJECT: APPLIED MEDICAL TRANSCRIPTION  
(2010 BATCH)**

Thursday, June 12, 2014

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**1. Answer the following questions:**

- 1A. What are the knowledge and skills required by a Medical Transcriptionist? What is the importance of criticism for trainee/beginning Medical Transcriptionists?  
(5+5 = 10 marks)
- 1B. Why according to author Sally C. Pitman “Laughter is the best medicine” in the field of Medical Transcription? What can Medical Transcriptionist do to avoid work related injuries and to keep stress at bay?  
(5+5 = 10 marks)
- 1C. What are the various work environment for Medical Transcriptionists? “Working from home is still work”. Discuss this statement.  
(5+5 = 10 marks)
- 1D. Discuss the components of resume preparation. What do employers look for before hiring? What is the importance of networking in Medical Transcription?  
(4+2+4 = 10 marks)
- 1E. Define “flag”. Which are the areas of discrepancy which require flagging? What are the word research techniques?  
(2+4+4 = 10 marks)
- 1F. What do you mean by Transcription Ergonomics? Write a note on how to decide on the ergonomics while setting up a Medical Transcription unit.  
(3+7 = 10 marks)

**2. Write short notes on the following:**

- 2A. Clipped sentences  
2B. Various work environment where MTs can work  
2C. Future of MT industry in India  
2D. Method of compensation

(5 marks × 4 = 20 marks)

