

**MANIPAL UNIVERSITY****FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2016****SUBJECT: BHI 301: FRONT OFFICE MANAGEMENT****(CBS-2013 SCHEME)**

Friday, January 01, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

1. Discuss in detail the roles and functions of a hospital administrator.  
(5+5 = 10 marks)
2. Discuss briefly about the scope of innovative marketing. Explain in detail the functional aspects of innovative marketing.  
(5+10 = 15 marks)
3. Explain in detail about the planning and designing of public areas in a hospital.  
(10 marks)
4. What are the benefits of an HIS? List the important requirements to set up an HIS.  
(5+5 = 10 marks)
5. Discuss the criteria for developing an effective media program by hospitals.  
(10 marks)
6. **Write short notes on the following:**
  - 6A. Marketing variables
  - 6B. Importance of Public relation in hospitals
  - 6C. Public health services in India
  - 6D. Dual Authority in Hospitals
  - 6E. Marketing corporate health services

(5 marks × 5 = 25 marks)



## MANIPAL UNIVERSITY

**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2016**

**SUBJECT: BHI 303: INTRODUCTION TO HEALTH INSURANCE/HEALTH INSURANCE CODING  
(OR AND CBS-2013 SCHEME)**

Monday, January 04, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

**1. Answer ALL the questions.**

- 1A. What is nomenclature? What are the criteria for nomenclature of diseases? Write the early history of classification of causes of death.
- 1B. What is NCHS? Write achievements of NCHS.
- 1C. What are standard 'Code Sets'? Brief ICD 10 code sets.
- 1D. List out the chapters of ICD-9-CM and write the coding guidelines for newborn record.
- 1E. Which are the major types of health insurance schemes in India? Brief about public health insurance schemes in India.

(10 marks × 5 = 50 marks)

**2. Write short notes on:**

- 2A. Medical necessity
- 2B. Conditionally renewable policy
- 2C. Waiting period
- 2D. Hypertension table

(5 marks × 4 = 20 marks)

**3. Solve the given problem:**

Sum Assured	₹ 1,50,000
Co - insurance clause	80/20 up to ₹ 80,000
Per occurrence deductible	₹ 550
Hospital bill of Mr. XYZ for the year 2013	
January	₹ 56,000
August	₹ 33,000
September	₹ 14,500
December	₹ 15,500

Calculate the amount of money insurance company will pay and the out-of-pocket expense of the client.

(10 marks)



**MANIPAL UNIVERSITY****FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2016****SUBJECT: BHI 305: PUBLIC HEALTH INFORMATION MANAGEMENT  
(COMMON FOR OR AND CBS - 2013 SCHEME)**

Wednesday, January 06, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

1. Mention the guidelines provided by World Health Organization for the country health information system. Briefly discuss the types and sources of health information system.  
(3+4+5 = 12 marks)
2. Write the goals of data processing. What should be done to improve and ensure data quality? Discuss.  
(1+11 = 12 marks)
3. What is an indicator? Classify indicator with suitable example. What should be considered in selecting and operationalizing healthcare indicators? Explain.  
(1+3+8 = 12 marks)
4. “A well set organizational rule enhances the quality of health information management”. Discuss.  
(12 marks)
5. What are the steps required in restructuring the health information system? Discuss.  
(12 marks)
6. **Write short notes on:**
  - 6A. Issues encounter in health information management
  - 6B. Key elements of Population based Health Information System
  - 6C. Advantages and disadvantages of computerizing health information system
  - 6D. Non-routine data collection methods

(5 marks × 4 = 20 marks)



## MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2016

SUBJECT: BHI 307: COMPUTER APPLICATIONS IN HEALTH  
(COMMON FOR OR & CBS-2013 SCHEME)

Friday, January 08, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions.

1. Trace the history and development of computers during third and fourth generation.  
(10 marks)
2. Define the term eHealth. Discuss the various challenges in implementing eHealth applications.  
(1+9 = 10 marks)
3. Write the prerequisite for the implementation of hospital information system. Explain briefly on patient accounting, human resource and medical records modules of hospital information system.  
(4+6 = 10 marks)
4. What is decision support system? Discuss on potential barriers for the implementation of decision support system.  
(1+9 = 10 marks)
5. Discuss on strategies for the successful implementation of electronic health records.  
(10 marks)
6. Discuss on impact of computers on physician, nursing, hospital and managers.  
(10 marks)
7. Write short notes on:
  - 7A. Input and output device
  - 7B. Computer hardware and software
  - 7C. Current Scenario of Telemedicine in India
  - 7D. Computer network

(5 marks × 4 = 20 marks)





**MANIPAL UNIVERSITY****FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2016****SUBJECT: BHI 309: MEDICAL TRANSCRIPTION  
(CBS - 2013 SCHEME)**

Monday, January 11, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**1. Answer the following questions.**

- 1A. What is Carpal tunnel syndrome? How does it develop? Why should it be of concern to a Medical Transcriptionist? How to avoid CTS?  
(2+2+2+4 = 10 marks)
- 1B. What is professionalism? What qualities distinguish a professional from a nonprofessional?  
(3+7 = 10 marks)
- 1C. Define networking. Why is networking vital to students and practitioners of Medical Transcription?  
(4+6 = 10 marks)
- 1D. Define productivity. Why track productivity in Medical Transcription? How is MT productivity measured?  
(2+2+6 = 10 marks)
- 1E. What are the four things that should be there in your resume that will interest a prospective employer?  
(10 marks)
- 1F. What are the various work environments where Medical Transcriptionists work? Discuss each situations.  
(10 marks)

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

- 2A. Basic four reports  
2B. Clipped Sentence  
2C. Objectives of Medical Transcription  
2D. Future of MT industry in India

(5 marks × 4 = 20 marks)

