

MANIPAL UNIVERSITY**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013****SUBJECT: PUBLIC HEALTH INFORMATION MANAGEMENT
(COMMON FOR ALL THE BATCHES)**

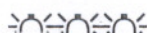
Tuesday, May 28, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

Answer all questions.

1. Define the term health information management. Write the objective of maintaining health information. Briefly outline the types of health information and its various sources.
(1+2+7 = 10 marks)
2. What is non-routine data collection method? Discuss briefly on non-routine data collection with suitable example.
(1+9 = 10 marks)
3. Explain the utilization of health information at various levels of health system.
(10 marks)
4. “Health information systems succeed or fail due to resource constraints at both the primary level and the immediate support level”. Reason out the statement discussing the HIS resources required at all the levels of health system.
(10 marks)
5. What are the components required to be reviewed during HIS assessment? Discuss briefly the steps required to assess health information system.
(2+8 = 10 marks)
6. What are the steps required in setting a District Health Information System? Discuss the steps with the help of a case study.
(10 marks)
7. **Write short notes on:**
 - 7A. Health information system issues related to the provision of healthcare services
 - 7B. Key elements of population based health information system
 - 7C. Health information system performance indicator
 - 7D. Essential public health functions
(5×4 = 20 marks)



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MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: FRONT OFFICE MANAGEMENT
(COMMON FOR ALL THE BATCHES)

Thursday, May 30, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

All questions are compulsory.

1. Public relations are important for effective hospital management. Justify.
(10 marks)
2. Explain in detail about the planning and designing of public areas in a hospital.
(15 marks)
3. Discuss briefly about the scope of innovative marketing. Explain in detail the functional aspects of innovative marketing.
(5+10 = 15 marks)
4. What is the importance of professional management of hospitals? Discuss the challenges to professional management with special reference to the barriers in managing hospitals.
(5+10 = 15 marks)
5. **Write short notes on the following:**
 - 5A. Elements of a good pricing structure
 - 5B. Patient satisfaction in the context of loyalties
 - 5C. Health information communication
 - 5D. Benefits of Hospital Information System
 - 5E. Promotional tools used for public relations

(5×5 = 25 marks)



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MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: HEALTH INSURANCE CODING
(2010 BATCH)

Saturday, June 01, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer all the questions:**

1. What is health insurance? Which are the major differences in health insurance management process in India and US? Discuss.
2. Write brief history of AHA, goals and its achievements.
3. What is SNOMED? Write about the contents and features of SNOMED.
4. With suitable examples write the coding guidelines for neoplasm. Write the features of neoplasm table included in the index.
5. Write the ICD-9-CM diagnostic coding and reporting guidelines for outpatient services.

(10×5 = 50 marks)

6. **Write short notes on:**

- 6A. Co-insurance and co-payment
- 6B. Non- cancellable policy
- 6C. Jacques Bertillon
- 6D. Medicare
- 6E. IRDA
- 6F. E – Codes

(5×6 = 30 marks)

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MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: COMPUTER APPLICATIONS IN HEALTH
(COMMON FOR BATCH 2010 AND 2009)

Tuesday, June 04, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL questions.**

1. Trace the history and development of internet in India.
(10 marks)
2. Define eHealth. Discuss on various strategies for the successful implementation of 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 module of hospital information system.
(3+7 = 10 marks)
4. Discuss on strategies for the successful implementation of electronic health records.
(10 marks)
5. What is decision support system? Discuss on potential barriers for the implementation of decision support system.
(1+9 = 10 marks)
6. Discuss on impact of computers on hospital, healthcare professionals and managers.
(10 marks)
7. **Write short notes on:**
 - 7A. Second generation of computer
 - 7B. Computer hardware and software
 - 7C. Telemedicine
 - 7D. Various phases of computer evolution in India
(5×4 = 20 marks)



MANIPAL UNIVERSITY

FIFTH/SIXTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2013

SUBJECT: APPLIED MEDICAL TRANSCRIPTION
(2010/2009 BATCH)

Thursday, June 06, 2013

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. Answer the following questions:

- 1A. Define compensation. Discuss the various method of compensation employed by medical transcription industry.
(2+8 = 10 marks)
- 1B. What do you understand by risk management in medical transcription? Which are the situations requiring risk management?
(4+6 = 10 marks)
- 1C. How is outsourcing different from offshoring? What are the advantages of outsourcing? Which are the countries which get the maximum medical transcription outsourced work at present? What are the advantages for these countries?
(3+2+2+3 = 10 marks)
- 1D. Discuss the various components of resume preparation.
(10 marks)
- 1E. Discuss Medical Transcription Practicum. How should it be ideally made?
(10 marks)
- 1F. Define Medical Transcription. Write a note on the present and future of medical transcription industry.
(2+4+4 = 10 marks)

2. Write short notes on the following:

- 2A. Clipped sentences
- 2B. Various work environment where MTs can work
- 2C. Transcribing equipment
- 2D. The important government incentives offered for setting up MT operations in India
(5×4 = 20 marks)



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