

Reg. No.

**MANIPAL UNIVERSITY**

**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008**

**SUBJECT: FOUNDATIONS OF HEALTH INFORMATION MANAGEMENT  
(NEW REGULATION)**

Monday, June 09, 2008

Time: 3 Hours

Max. Marks: 80

**All questions are compulsory.**

1. What is health information system? How the health information is important at various management levels of health information system?  
(1+10 = 11 marks)
2. What are the components should be assessed before the design and implementation of health information system?  
(8 marks)
3. What is performance indicator of health information system? Classify the performance indicator with suitable example.  
(1+8 = 9 marks)
4. Briefly explain the various data collection instrument of population based community health information system.  
(8 marks)
5. Briefly describe the health information system of India. Mention the various problems associated with the existing health information system.  
(8+6 = 14 marks)
6. Write short notes:
  - 6A. Basic steps for computer data processing.
  - 6B. Essential public health function.
  - 6C. Source of health information.
  - 6D. Vertical data transmission.
  - 6E. Characteristics of health indicator.
  - 6F. Utilization of information at provincial level.

(5×6 = 30 marks)



**MANIPAL UNIVERSITY**  
**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008**

**SUBJECT: FRONT OFFICE MANAGEMENT**  
**(NEW REGULATION)**

Tuesday, June 10, 2008

Time: 3 Hours

Max. Marks: 80

☞ **All the questions are compulsory.**

1. Write in detail about the effect of public opinion in hospital management and the steps taken up by the PRD to handle the situation.

(10 marks)
2. Define HIS and write the scope and basic components of HIS.

(4+6 = 10 marks)
3. What is an alternative marketing strategy? Explain.

(1+9 = 10 marks)
4. When do patients need the services of the hospital? Where do they want hospital services to be?

(5+5 = 10 marks)
5. Planning and Designing of Public areas of the hospital is an important job which requires careful attention – Discuss the statement.

(10 marks)
6. What do you understand by Professional Management in hospitals? What are the challenges to professional management? Explain with special emphasis on
  - a) Conflicts between systems
  - b) Propensity to break rules

(2+8 = 10 marks)
7. Write short notes on the following:
  - 7A. Hospital and news-media relations
  - 7B. Use of names in PR
  - 7C. Functions of HR department in a hospital
  - 7D. Profit-oriented pricing.

(5×4 = 20 marks)



Reg. No.

**MANIPAL UNIVERSITY**  
**FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008**

**SUBJECT: COMPUTER APPLICATIONS IN HEALTH**  
**(NEW REGULATION)**  
Thursday, June 12, 2008

Time: 3 Hours

Max. Marks: 80

**All questions are compulsory.**

- 1A. Write briefly on functions of electronic medical records. Mention its advantage over paper based medical records.  
(6+4 = 10 marks)
- 1B. Draw the flow chart of inpatient record and explain.  
(2+8 = 10 marks)
- 1C. What are the sources of data for decision making? Explain.  
(2+8 = 10 marks)
- 1D. Write in detail about data processing activity of computer.  
(10 marks)
- 1E. Discuss the role of health information professionals role in EPR system development and use.  
(10 marks)
2. Write short notes on the following:
- 2A. Artificial intelligence.
- 2B. Personal registration module.
- 2C. Stages in development of CMD system.
- 2D. Local Area Network.
- 2E. Computers and better control of resources.
- 2F. Manipulating the data by computers.

(5×6 = 30 marks)

