MANIPAL UNIVERSITY

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

SUBJECT: FOUNDATION OF HEALTH INFORMATION MANAGEMENT
(NEW REGULATION)

Tuesday, January 01, 2008

Time: 3 Hours   Max. Marks: 80

✍ **All questions are compulsory.**

1. What is health information system? Briefly outline the requirement to be satisfied by health information system given by World Health Organization.

    (1+5 = 6 marks)

2. How is the health information used at various levels of health information system?

    (10 marks)

3. Briefly describe the steps involved in the development of population based community health information system.

    (10 marks)

4. Brief the various organization rules required for information generation process.

    (10 marks)

5. How the information generation process helps for the design and implementation of health information system?

    (7 marks)

6. How the knowledge of information needs and data generation process helps in designing and implementation of health information system?

    (7 marks)

7. Write short notes:
7A. Key facet of the population based community health information system.
7B. Functions of health information system.
7C. Component of health information system.
7D. Health unit management functions.
7E. Duties and responsibilities of HIS staff at national level.
7F. Health information system assessment.

    (5×6 = 30 marks)

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MANIPAL UNIVERSITY
FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008
SUBJECT: FRONT OFFICE MANAGEMENT
(NEW REGULATION)

Wednesday, January 02, 2008

Time: 3 Hours   Max. Marks: 80

✍   **All the questions are compulsory.**

1.   What is the role of "telephone courtesy" in marketing"? Explain.

(10 marks)

2.   Write in detail about the "Role of CEO" in Public relation.

(10 marks)

3.   Draw a diagram showing the modules of Siemens Hospital Information system. Explain.

(5+5 = 10 marks)

4.   How often does a patient need hospital services? Who decides finally which hospital patient will go to?

(5+5 = 10 marks)

5.   What are the common mistakes that a hospital makes in their pricing policy? What are the important ingredients of a good pricing policy?

(5+5 = 10 marks)

6.   State the importance of Human Resource Management for a hospital. Discuss the HRM model of ASTD.

(5+5 = 10 marks)

7.   Write short notes on the following:

(5×4 = 20 marks)

7A.   PR promotional tools.
7B.   Need for innovative marketing.
7C.   Profit-oriented pricing.
7D.   Recruitment and Selection.

MANIPAL UNIVERSITY

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008
SUBJECT: INTRODUCTION TO HEALTH INSURANCE AND CODING
(NEW REGULATION)

Thursday, January 03, 2008

Time: 3 Hours   Max. Marks: 80

✍ **All questions are compulsory.**

1.   Answer the following questions.

1A.   Which are the two basic types of Health Insurance coverage? Explain.

(1+9 = 10 marks)

1B.   Write in detail about Medicare.

(10 marks)

1C.   What is NCHS? Write the mission statement and responsibilities of NCHS.

(1+4+5 = 10 marks)

1D.   Write in brief about the general rules for coding obstetric cases.

(10 marks)

2.   Write short notes on the following:

(5×4 = 20 marks)

2A.   Individual Practice Association

2B.   Medicaid

2C.   Administrative simplification of HIPAA

2D.   CMIT

2E.   Follow-up-V-codes

3.   Write the definitions of the following Health Insurance terms:

(5×2 = 10 marks)

3A.   Grievance.

3B.   Limits.

3C.   Exclusions.

3D.   Formulary.

3E.   History of present illness.

4.   Match the following from Set 1 to Set 2

	Set I		Set II
1.	428.2	a.	Constitutional status in development
2.	403	b.	Infection with drug-resistant micro organisms
3.	634	c.	Carriers of infectious diseases
4.	V58.1	d.	HIV infection in pregnancy
5.	V08	e.	AIDS
6.	042	f.	Asymptomatic HIV
7.	647.6X	g.	Encounter for chemotherapy
8.	V02	h.	Spontaneous abortion
9.	V09	i.	Hypertensive renal disease
10.	V21	j.	Systolic heart failure

(10×1 = 10 marks)

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

FIFTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008
SUBJECT: COMPUTER APPLICATIONS IN HEALTH
(NEW REGULATION)
Friday, January 04, 2008

Time: 3 Hours   Max. Marks: 80

✍ **All questions are compulsory.**

1.   Answer the following questions:

1A.   List the major events in the evolution of 2nd and 3rd generation computers.

(10 marks)

1B.   Explain the various applications of Hospital Information System.

(10 marks)

1C.   Which are the sources of data for decision-making? Explain.

(2+8= 10 marks)

1D.   Write about various input and output devices of computer.

(10 marks)

1E.   What is Electronic health records? Briefly explain the advantages of electronic health records over paper-based records.

(10 marks)

2.   Write short notes on the following:

(5×6 = 30 marks)

2A.   Reason to use Hospital Information System.

2B.   EMR format for history of Diseases of the Eye.

2C.   Employee Information Module.

2D.   EMR format for physical examination – neck.

2E.   Prerequisites of Hospital Information System.

2F.   Role of computers in medical decision-making.

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