

MANIPAL UNIVERSITY**THIRD SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JANUARY 2015****SUBJECT: MHI 701 – RECENT ADVANCES IN HEALTH INFORMATION MANAGEMENT
(2013 SCHEME/NR)**

Thursday, January 01, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

☞ Answer ALL the questions.

1. What are the reasons for employee turnover and discuss with adequate examples from the health care sector? What are the retention policies that should be employed by the management?
(5+5 = 10 marks)
2. Distinguish between a BPO and KPO. Discuss the role of BPO and KPO in the health care industry in India.
(4+6 = 10 marks)
3. Write down the various applications of telemedicine. Discuss the challenges in implementing these applications with regard to the Indian services.
(5+5 = 10 marks)
4. What are the reasons for choosing India as a medical tourism destination? Discuss the specific problems facing the Indian health care tourism industry.
(5+5 = 10 marks)
5. 'Health Care' - Perceptions and expectations of rural population in India. Discuss the statement.
(10 marks)
6. **Write short notes on the following:**
 - 6A. Importance of IRDA in health insurance industry
 - 6B. Disaster management in health care
 - 6C. Basic principles of medical ethics – Role of HIM professionals
 - 6D. HIPAA technical safeguards
 - 6E. Role of ISO in enhancing the documentation process in hospitals
(6 marks × 5 = 30 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JANUARY 2015****SUBJECT: MHI 707/MHI 707 HEALTH ECONOMICS & ACCOUNTANCY
(2013 SCHEME)**

Saturday, January 03, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ **Answer all the Questions.**✍ **Answer Both Section 'A' and Section 'B' in Two Separate Answer Books.****SECTION – A: HEALTH ECONOMICS: 40 MARKS**

- 1A. State and explain the law of supply.
 1B. Write a note on supply side of economics.
 1C. Distinguish between micro and macro economics.
 1D. Enlist major players in health insurance sector.

(5 marks × 4 = 20 marks)

- 2A. Explain the law of diminishing marginal utility principle.

(10 marks)

- 2B. Define market. How do you classify it?

(2+8 = 10 marks)

SECTION – B: ACCOUNTANCY: 40 MARKS

3. **Answer the following questions.**

- 3A. Give the rule of real account.
 3B. Explain: i) Purchase book ii) Sales book
 3C. What are the branches of accounting?
 3D. Give the meaning of 'Journal' and 'Narration'.
 3E. What is posting? Explain how a transaction is posted to the ledger?

(2 marks × 5 = 10 marks)

4. **Answer any TWO of the following:**

- 4A. Enter the following transactions in proper subsidiary books:

2012	₹
Jan 1 Bought goods from Arjun	6,500
Jan 3 Sold goods to John	1,000
Jan 4 Allowance claimed from Arjun for shortage	50
Jan 5 Sold goods to Sharma	1,500
Jan 6 Sold goods to Chandan	2,000
Jan 9 Bought goods from Alvin	2,000
Jan 10 Allowance granted to Chandan for shortage	40
Jan 12 Sold goods to Ganesh	800
Jan 12 Allowance granted to Sharma for overcharge	20

Jan 13 Sold goods to Rahul	700
Jan 18 Sold goods to Hilary	600
Jan 20 Ganesh returned goods	50
Jan 22 Rahul returned goods	40
Jan 23 Returned goods to Alvin	100
Jan 24 Purchased goods from Dinesh	800
Packing charges	50
Jan 25 Sold goods to Gurudas	500
Jan 26 Allowed Hilary for Damaged goods	100
Jan 27 Received goods returned by Gurudas	20
Jan 28 Bought goods from Arjun Less 5%	400
Jan 31 Sold goods to Manohar Less 8%	100
Transport charges	20

4B. Journalise the following transactions in the books of Rakesh:

2011	₹
May 1 Paid in to the bank	8,000
May 2 Bought goods for cash	2,000
May 4 Sold goods for cash	1,600
May 6 Sold goods to Murthy on credit	1,400
May 7 Bought goods from Rajan on credit	5,500
May 9 Paid rent to land lord	1,300
May 11 Paid salaries to manager	1,000
May 15 Received commission from Suresh	200
May 19 Withdrew cash from office for personal use	200
May 20 Paid for repairing machine	800

4C. Enter the following transactions in a simple cash book:

2001	₹
Dec 1 Received from Madhu	1,500
Dec 4 Paid Anish	200
Dec 8 Received from cash sales	1,600
Dec 9 Paid Shanker	200
Dec 12 Purchased office furniture	300
Dec 15 Paid for stationery	50
Dec 18 Received commission from Arun	100
Dec 20 Paid interest on loan	80
Dec 25 Received from Ravi	500
Dec 28 Withdrew for personal use	200
Dec 30 Paid office rent	300
Dec 30 Paid salaries	600

(15 marks × 2 = 30 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JANUARY 2015****SUBJECT: MHI 703 –OPERATIONS MANAGEMENT
(2013 SCHEME)**

Monday, January 05, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

Answer ALL the questions.

1. List the major process decisions. Explain in detail the five process choice options and illustrate in terms of degree of consumption and volume.
(10 marks)
2. What is inventory management? Enlist the pressures for low and high inventories.
(2+8 = 10 marks)
3. Describe in detail the concept of lean systems.
(10 marks)
4. What do you understand by satisfaction of services? Enlist the reasons for globalization.
(2+8 = 10 marks)
5. What is SCM? What are SCM dynamics of external supply chain?
(2+8 = 10 marks)
6. **Write short notes on:**
 - 6A. Operation management of one of successful industry.
 - 6B. Types of plans
 - 6C. Inputs and outputs in OM
 - 6D. Role of a hospital administration
 - 6E. Lyth & Johnson's nine service design principle.

(6 marks × 5 = 30 marks)



MANIPAL UNIVERSITY

THIRD SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JANUARY 2015

**SUBJECT: MHI 711 – CODING FOR HEALTH INSURANCE
(2013 SCHEME/NR)**

Wednesday, January 07, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

☞ **Answer ALL the questions:**

1. Which are the different types of HMO models based on physician's services? Explain
(15 marks)
2. The Emerging Malpractices and Corruption in with reference to health insurance schemes in India. Discuss
(15 marks)
3. List out the chapters of ICD-9-CM. Write the coding guidelines for coding HIV.
(2+8 = 10 marks)
4. What is underlying cause of death? Show the standard format of COD certificate and write the selection rules for selection of underlying cause of death.
(1+2+7 = 10 marks)

5. **Write short notes on:**

- 5A. Primary care physician
- 5B. Moral hazard
- 5C. Nature of presenting problem
- 5D. NCHS
- 5E. Morphology codes

(4 marks × 5 = 20 marks)

6. Solve the given problem:

Sum Assured	₹ 2,50,000
Co - insurance clause	80/20 up to ₹ 1,50,000
Per Occurrence deductible	₹ 1200
Hospital bill of Mr. XYZ for the year 2012	
February	₹ 19,250
April	₹ 1,27,000
November	₹ 11,500

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

(10 marks)

