

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2005**SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS**

Monday, January 03, 2005

Time: 3 Hrs.

Max. Marks: 80

ANSWER ALL QUESTIONS

1. What are the two important types of medical records analysis? Explain in detail about each type.
(15 marks)
2. Describe in detail about the various role of medical records in quality assurance program.
(10 marks)
3. Explain in detail about all the important aspects of 'required characteristics of entries in medical record'
(10 marks)
4. A 600-bed hospital, during the month of June had a total of 3800 discharges including deaths, a total of 13280 inpatient days and a total of 15780 discharge days. Calculate:
 - a) In patient bed occupancy rate
 - b) Average daily inpatient census
 - c) Average length of stay
 - d) Bed turn over rate for the same period using the correct formulas.
(12 marks)
5. Briefly explain about
 - 5A. Comorbidity rate.
 - 5B. Maternal mortality rate.
 - 5C. Net death rate.
 - 5D. Inpatient bed count.
(2×4 =8 marks)
6. Answer the following:
 - 6A. Give a brief account of quality management system and write down its main components.
 - 6B. Write down the important aspects of medical staff monitoring and evaluation.
 - 6C. What do you mean by medical audit, mention the importance of medical audit in quality assurance program.
 - 6D. Write down the main difference between mortality and morbidity rate with help of suitable examples.
 - 6E. What do you mean by risk management? Mention various processes involved in it.
(5×5=25 marks)



MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2005**SUBJECT: MEDICAL TERMINOLOGY – I**

Tuesday, January 04, 2005

Time: 3 Hrs.

Max. Marks: 80

1. Write down the correct meaning of following prefixes with an example:

- 1A. Im
- 1B. Endo
- 1C. Ultra
- 1D. Septa
- 1E. Equi
- 1F. Alb
- 1G. Ad
- 1H. Cata
- 1I. Levo
- 1J. Therm.

(1½ × 10 = 15 marks)

2. Write down the correct meaning of following suffixes with an example:

- 2A. – otomy
- 2B. – cide
- 2C. – rrhea
- 2D. – ectasis
- 2E. – emesis
- 2F. – trophy
- 2G. – ptysis
- 2H. – plasty
- 2I. – ian
- 2J. – phagia

(1½ × 10 = 15 marks)

3. Write down the correct meaning of the following medical terms:

- 3A. Cyanosis.
- 3B. Jejunioileostomy.
- 3C. Arthrodesis.
- 3D. Empyema.
- 3E. Lithotripsy.
- 3F. Ascites.
- 3G. Siderosis.
- 3H. Polyarthrititis.
- 3I. Microsurgery.
- 3J. Hemostasis.

(1 × 10 = 10 marks)

4. Write down the correct medical term for the following conditions:

- 4A. Inflammation of the vertebra.
- 4B. Changes that occur in the cells and tissues during embryonic development.
- 4C. Golden or yellow discoloration of the skin.
- 4D. Congenital absence of melanin in skin, hairs and eyes.
- 4E. A condition of abnormally short fingers and toes.
- 4F. Excision of rectum and sigmoid colon.
- 4G. Female homologue of penis.
- 4H. Collection of urine in the kidney pelvis.
- 4I. Plastic repair of a blood vessel.
- 4J. Presence of small fleshy mushroom shaped growths inside the colon.

(1×10=10 marks)

5. Briefly explain the following disease conditions:

- 5A. Inguinal hernia.
- 5B. Byssinosis.
- 5C. Scleroderma.
- 5D. Torticollis.
- 5E. Pneumonia.

(2×5= 10 marks)

6. Answer the following:

- 6A. What do you mean by arthritis? Mention any four types of arthritis.
- 6B. Define prefix and suffix with suitable examples.
- 6C. Write down any five surgical procedures of incision category performed on nervous system.
- 6D. How do you distinguish coryza from cystic fibrosis?

(5×4= 20 marks)



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2005

SUBJECT: MEDICAL ETHICS AND LEGAL ASPECTS

Wednesday, January 05, 2005

Time: 3Hrs.

Max. Marks:80

1. What is medical ethics? Define the various components of medical ethics. (1+6 = 7 marks)
2. Define the action of an autonomous person. (6 marks)
3. Briefly describe the moral rights of the patient. (8 marks)
4. Describe the various ethical problems that arise at the beginning and the end of life. (8 marks)
5. What is irrational drug therapy? Brief the various irrational prescribing of drug. (2+6 = 8 marks)
6. What are the conflicts of interest exercised in case of terminally ill patient? (6 marks)
7. Briefly describe the factor leads to the breach of confidentiality in medical practice. (7 marks)
8. What is organ transplantation? Name the organs that can be transplanted. Define the various ethical issues encountered in organ transplantation. (1+4+5 = 20 marks)
9. Write short notes: (4×5 = 20 marks)
 - 9A. Beneficence
 - 9B. Code of conduct for medical records practice
 - 9C. Medical negligence
 - 9D. Health policy
 - 9E. Medical Council of India Act



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2005

SUBJECT: MEDICAL RECORD SCIENCE

Thursday, January 06, 2005

Time: 3 Hrs.

Max. Marks: 80

☞ *ALL THE QUESTIONS ARE COMPULSORY*

- 1A. Write in detail the values of Medical Records.
 - 1B. What is numbering of files? Which are the most commonly used numbering systems? Write briefly about each system and list the advantages and disadvantages of each system.
 - 1C. Give a brief account of Obstetric Records.
- (10+10+10 = 30 marks)

2. What is MLC? List the types of legal cases handled by the hospital. Give a brief account of management of MLC both OP and IP files.
- (15 marks)

3. Match the following:

Part A

1. Captain John Graunt
2. Hippocrates
3. Thoth
4. Caduceus
5. Mesopotamia
6. Ebers Papyrus
7. Geronimo Cardano
8. Mrs. Grace Whiting Myers
9. Laennec
10. Edna Huffman

Part B

- a. God of letters
- b. Father of Medicine
- c. Study of vital statistics
- d. Contains monographs on eye infection
- e. Code of Hammurabi
- f. Symbol of medical profession
- g. Medical Record Management
- h. Invented stethoscope
- i. First honorary Present of AMRA
- j. Created 'modern' psychiatry

(10 marks)

4. Write short notes on:
 - 4A. Discharge Summary form.
 - 4B. Consent form.
 - 4C. Master Patient Index.
 - 4D. Unit-Serial Numbering.
- 4E. List the types of Medico-Legal Cases handled by the hospital.

(5×5 = 25 marks)



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2005

SUBJECT: COMMUNICATION SKILLS

Friday, January 07, 2005

Time: 3 Hours

Max. Marks: 80

1. Answer any **TWO** of the following questions.
(15×2 = 30 marks)
 - 1A. What are the ten deadly sins of communication?
 - 1B. Describe in your own words the different types of listening.
 - 1C. What are the three steps to success? Elaborate.
 - 1D. What is the role of questions in effective communication? List the different type of questions with appropriate examples.

2. Answer in brief any **SIX** of the following questions:
(5×6 = 30 marks)
 - 2A. "To build a good rapport, one should attend mentally". Explain.
 - 2B. What is jargon? How is it used in conversation?
 - 2C. How does body language assist in effective communication?
 - 2D. Explain locus of control.
 - 2E. What are measurable goals?
 - 2F. List any five communication filters.
 - 2G. How does "behavior breed behavior"?
 - 2H. List the differences between empathy and apathy.

3. Make sentences using the following words:
(2×5 = 10 marks)
 - 3A. Priority
 - 3B. Pledge
 - 3C. Sarcasm
 - 3D. Zenith
 - 3E. Serene

4. Give the correct meaning of the following words:
(2×5 = 10 marks)
 - 4A. Bogus
 - 4B. Mobile
 - 4C. Manipulate
 - 4D. Spur
 - 4E. Radical

