

Reg. No.

MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JULY 2010

SUBJECT: HEALTH INFORMATION – I

Friday, July 09, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☞ All questions are compulsory.

1. What is health information system? State the importance of medical records to the patient, hospital, physician and third party payers.

(1+12 = 13 marks)

2. Discuss on various formats of medical records.

(12 marks)

3. Briefly outline the purpose and content of various radiology reports.

(4+8 = 12 marks)

4. Briefly explain the master patient, physician and operation index card.

(12 marks)

5. Discuss on quantitative and qualitative analysis of medical records.

(11 marks)

6. Write short notes on:

6A. System designing

6B. Different ways to color code the medical records

6C. Characteristics of medical records

6D. Integrated medical records

(5×4 = 20 marks)



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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: PHARMACOLOGY

Thursday, June 10, 2010

Time: 14:00-15:30 Hours

Maximum Marks: 40

- 1A. Mention four opioid analgesics and four non-steroidal anti-inflammatory drugs (NSAIDs). Enumerate two uses and two adverse effects of NSAIDs.
- 1B. Name two inhalational and two intravenous general anaesthetics. ((4+2)+2 = 8 marks)
- 2A. List four anti-tubercular drugs. (2 marks)
- 2B. Mention two aminoglycosides. Give their mechanism of action. List two adverse effects caused by them. (1+1+1 = 3 marks)
- 2C. Name two skeletal muscle relaxants and mention two uses of them. (1+1 = 2 marks)
3. Mention one clinical use and one adverse effect for the following drugs.
- 3A. Captopril.
- 3B. Adrenaline.
- 3C. Ampicillin.
- 3D. Furosemide.
- 3E. Sodium Valproate.
- 3F. Diazepam.
- 3G. Chlorpromazine
- 3H. Prazosin.
- 3I. Atropine. (1×9 = 9 marks)
4. Mention four parenteral routes of drug administration. Mention two advantages of transdermal route and give two Examples of drugs given by this route. (2+1+1 = 4 marks)
- 5A. Mention four antithyroid drugs.
- 5B. Mention four adverse effects of glucocorticoids (2+2 = 4 marks)
6. Mention two drugs for the following conditions with one adverse effect of each.
- 6A. Glaucoma
- 6B. Malaria.
- 6C. Vomiting
- 6D. Cough. (2×4 = 8 marks)



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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: HEALTH INFORMATION – I

Saturday, June 12, 2010

Time: 14:00-17:00 Hrs

Maximum Marks: 80

☞ **All questions are compulsory.**

1. Define medical record? Write the objectives of maintaining medical records? Briefly explain the importance of medical records to national and International health agencies.
(1+2+10 = 13 marks)
2. Briefly discuss on numbering system of medical records.
(12 marks)
3. What is the purpose of history and physical examination? Briefly outline the contents of history section of history and physical examination sheet of medical record?
(1+12 = 13 marks)
4. Briefly explain the qualitative analysis of medical records.
(10 marks)
5. Briefly outline the movement of OP, IP, Emergency and daycare records in a healthcare facility.
(12 marks)
6. **Write short notes on:**
 - 6A. Needs of computerization of medical records.
 - 6B. Physical facilities required for medical records filing.
 - 6C. Integrated medical records.
 - 6D. Terminal digit filing system.

(5×4 = 20 marks)



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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: MEDICAL ETHICS AND LEGAL ASPECTS

Tuesday, June 15, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✍ All Questions are compulsory.

1. Define the term law and medical ethics. Briefly explain the basic principles of medical ethics with suitable example.
(1+14 = 15 marks)
2. What are the four “D”s a patient has to prove against the medical negligence? Briefly explain the criminal and contributory negligence with suitable example.
(4+10 = 14 marks)
3. “Euthanasia should be legalized in India.” Write your own view for and against the comment.
(10 marks)
4. Briefly explain the ethical problems in distributive justice of healthcare. What are the various preventive measures to be taken to safeguard them?
(6+5 = 11 marks)
5. What is subpoena? Mention the types of it. Write the uses of medical records in court of law.
(1+1+8 = 10 marks)
6. Write short notes on:
 - 6A. Consumer protection act.
 - 6B. Domain of quality of life.
 - 6C. Scope of health policy.
 - 6D. Paternalism.

(5×4 = 20 marks)

