

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2006**SUBJECT: PHARMACOLOGY**
(COMMON FOR BOTH OLD & NEW REGULATION)

Thursday, June 15, 2006

Time Available: 1½ Hours

Maximum Marks: 40

✍ **All questions are compulsory**

- 1A. Mention two advantages and two disadvantages of intravenous route of drug administration.
1B. Explain the term “tachyphylaxis” with a drug causing it.
1C. Define bioavailability. (2+2+1 = 5 marks)
- 2A. Mention two uses and two adverse effects of adrenaline.
2B. Enumerate four anti-cholinergics.
2C. Give one example each for competitive and non-competitive neuromuscular blockers. (2+2+1 = 5 marks)
- 3A. Mention two anti-anginal agents.
3B. List two uses and two adverse effects of ACE-inhibitors. (1+2 = 3 marks)
4. Mention three classes of anti-emetics with one example for each. (3 marks)
- 5A. Define anti-tussive and give two examples.
5B. Name two glucocorticoid preparations used in bronchial asthma.
5C. Name two Proton pump inhibitors. (2+1+1 = 4 marks)
6. Answer the following:
6A. Mention two benzodiazepines and give two uses of them.
6B. Name two local and two general anaesthetics.
6C. Enumerate four drugs of different classes used in pre-anaesthetic medication.
6D. Name two NSAIDs and give two uses of them.
6E. Name two anti-epileptic agents and mention two adverse effects of any one. (2×5 = 10 marks)
7. Give two examples and two uses for the following groups of drugs:
7A. Aminoglycosides.
7B. Anti-fungal agents.
7C. Cephalosporins. (2×3 = 6 marks)
- 8A. List four first line anti-tubercular drugs.
8B. Name two anti-retroviral agents.
8C. Name two fluoroquinolones. (2+1+1 = 4 marks)



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SECOND/FOURTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2006**SUBJECT: COMMUNICATION SKILLS**

Friday, June 16, 2006

Time: 3 Hours

Max. Marks: 80

1. Essay: Answer any **TWO** of the following:
(10×2 = 20 marks)
- 1A. What is communication? Explain the importance of its role in the world today.
1B. Enumerate some of the communication barriers.
1C. Explain the terms “apathy”, “sympathy” and “empathy”.
2. Brief Essays: Answer **ALL** of the following questions:
(5×8 = 40 marks)
- 2A. What is mutual respect?
2B. Describe the term “body language”.
2C. What does “A” stand for in “so clear” communication?
2D. How can one build up rapport through conversation?
2E. Explain the quote “Respect is a two-way street”.
2F. Explain the uses of reflective listening.
2G. What are coercive questions? Explain with an example.
2H. What is patronizing?
3. Make sentences using the following words:
(2×5 = 10 marks)
- 3A. Master.
3B. Hurry.
3C. Trouble.
3D. Deceive.
3E. Support.
4. Fill in the blanks using the appropriate words given in the brackets. (Fascinated, manipulating, nasty, stimulates, inspirational)
(2×5 = 10 marks)
- 4A. Ram is usually known to be _____ to the younger kids in His class.
4B. The sunlight _____ the plants to grow.
4C. The kids were _____ by the fossil of the dinosaur.
4D. The politicians are famous for _____ the funds that are allotted for social purposes.
4E. Mrs. Lewis is an _____ speaker.



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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2006

SUBJECT: HEALTH INFORMATION – I

(NEW REGULATION)

Saturday, June 17, 2006

Time Available: 3 Hours

Maximum Marks: 80

All questions are compulsory.

1. Define medical record. Briefly describe the system of numbering and filing system with their advantage and disadvantage.
(1+12 = 13 marks)
2. Brief the quantitative analysis of medical record.
(10 marks)
3. Describe the purpose and contents of history and physical examination with suitable example.
(10 marks)
4. What is source oriented medical record? Write advantage and disadvantage of it.
(1+6 = 7 marks)
5. What is physician index card? Brief the format and uses of physician index card.
(1+9 = 10 marks)
6. Write short notes:
(6×5 = 30 marks)
 - 6A. Labour record.
 - 6B. Objective of medical record.
 - 6C. Characteristics of medical records.
 - 6D. Ancient Chinese contribution to medical sciences.
 - 6E. MLC register.
 - 6F. Computerization of medical records.



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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2006

SUBJECT: MEDICAL ETHICS AND LEGAL ASPECTS

Monday, June 19, 2006

Time: 3Hrs.

Max. Marks:80

✍ Answer ALL the questions.

1. What is medical ethics? Define the goal of medical ethics. (1+2 = 3 marks)
2. Briefly outline the historical perspectives of medical ethics. (8 marks)
3. In what circumstance medical matters come into interaction with law? (6 marks)
4. Define the four basic principles of medical ethics. (8 marks)
5. Briefly describe the moral duties of the doctor under ethical consideration. (8 marks)
6. Mention the four important code of conduct given by American Medical Records Association for the medical records practice. (6 marks)
7. What is medical negligence? Briefly describe the types of medical negligence in medical practice. (1+6 = 7 marks)
8. Describe the various ethical problems that arise in professional conduct of a medical professional. (7 marks)
9. What is informed consent? Define the clinical aspects of informed consent. (1+6 = 7 marks)
10. Write short notes:
 - 10A. Distributive justice.
 - 10B. Consumer protection act.
 - 10C. Euthanasia.
 - 10D. Important requisites for biomedical research.
 - 10E. Privilege communication.

(5×4 = 20 marks)

