

MANIPAL UNIVERSITY

SECOND SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: MEDICAL TERMINOLOGY/MEDICAL LANGUAGE – II

Wednesday, June 18, 2014

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Write down the correct explanation for following medical terms:

- | | | | |
|--------------|----------------|----------------|------------|
| a) Ascites | b) Stupor | c) Bathophobia | d) T cells |
| e) Benign | f) Pustule | g) Otorrhea | h) Chancre |
| i) Carcinoma | j) Microphobia | | |

(1 mark × 10 = 10 marks)

2. Write down the correct expansion for following abbreviations:

- | | | | | |
|---------|--------|---------|--------|--------|
| a) CMV | b) ALS | c) DISH | d) FAP | e) GCS |
| f) HPOA | g) IDD | h) JVP | i) MCV | j) NGU |
| k) PEEP | l) REM | m) TENS | n) VUR | o) PSV |

(1 mark × 15 = 15 marks)

3. Write short notes on:

- | | | |
|-----------------------------|----------------|------------------|
| a) Passive immunity | b) Scabies | c) Goiter |
| d) Hypnagogic Hallucination | e) Candidiasis | f) Phimosis |
| g) Mucopolidosis | h) Astigmatism | i) Lichen planus |
| j) Multiple valve prolapse | | |

(2½ marks × 10 = 25 marks)

4. Answer the following:

- 4A. Briefly discuss about any TWO infectious disease caused by Bacteria.
- 4B. Give a brief account about Renal Hypertension.
- 4C. What is mental retardation? Briefly explain about the classification of Mental retardation.
- 4D. Write down about the characteristics features of Diabetes Mellitus.
- 4E. Discuss in detail about Rheumatic Heart disease.

(6 marks × 5 = 30 marks)



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SECOND SEMESTER M.Sc. H.H.I.A. / B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: PHARMACOLOGY (MHI 602/BHI 102)
(CREDIT BASED SYSTEM)

Friday, June 20, 2014

Time: 10:00 – 11:30 Hrs.

Max. Marks: 40

✍ **Answer ALL the questions.**

1. Define the following terms:

- 1A. Biotransformation
- 1B. First pass metabolism
- 1C. Chemoprophylaxis

(2 marks × 3 = 6 marks)

- 2A. Write two advantages and two disadvantages of sublingual route of drug administration.
- 2B. Enumerate two classes of antihypertensive drugs with an example for each class.
- 2C. List two antitubercular drugs and mention two adverse effects of any one of them.
- 2D. Describe the term generic name and trade name of a drug with one example for each.
- 2E. Mention two sources of drugs with one example for each.

(2+2+2+3+2 = 11 marks)

3. List two drugs belonging to the following classes and mention two therapeutic uses of each class:

- 3A. Beta-2 agonists
- 3B. Nitroimidazoles
- 3C. Proton pump inhibitors
- 3D. Quinolones

(2 marks × 4 = 8 marks)

4. Write two drugs used in the following conditions:

- 4A. Epilepsy
- 4B. Vomiting
- 4C. Hyperthyroidism
- 4D. Diabetes mellitus

(1 mark × 4 = 4 marks)

5. Describe the mechanism of action of the following class of drugs and list two uses of each of them:

- 5A. Local anesthetics
- 5B. Glyceryl trinitrate
- 5C. Statins

(3 marks × 3 = 9 marks)

6. Write the meaning of the following abbreviations:

- 6A. BD
- 6B. HS
- 6C. Stat
- 6D. TDS

(½ mark × 4 = 2 marks)



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MANIPAL UNIVERSITY

SECOND SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JUNE 2014

SUBJECT: HEALTH INFORMATICS (MHI 610)

(CREDIT BASED SYSTEM – 2013 SCHEME)

Monday, June 23, 2014

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. What is internet? Explain briefly on various internet application used for the provision of quality healthcare to the individual and community.

(1+11 = 12 marks)

2. Mention the standard coordinating group formed to develop health informatics standards. Discuss briefly on identifier standards of health informatics.

(2+10 = 12 marks)

3. What are the information needs and challenges in today's healthcare environment with respect to health information management? Discuss

(12 marks)

4. Discuss the system theory of health informatics with suitable example.

(12 marks)

5. What is an electronic health record? Write the purpose of it. Explain briefly about the strategies for the successful implementation of electronic health records.

(1+1+10 = 12 marks)

6. Write short notes on:

6A. Trend analysis in healthcare informatics

6B. Health Informatics Literacy

6C. Development of health informatics during 1980s

6D. Advances of healthcare informatics in clinical area

(5 marks × 4 = 20 marks)



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SECOND SEMESTER M.Sc. H.H.I.A. DEGREE EXAMINATION – JUNE 2014

**SUBJECT: MHI 608 – HOSPITAL ADMINISTRATION
(CREDIT BASED SYSTEM – 2013 SCHEME)**

Wednesday, June 25, 2014

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1A. What are the functions of the Central Sterile Services Department (CSSD)? Outline the steps in planning a CSSD for a 250 bedded general hospital.

(7+15 = 22 marks)

1B. What is Break-even analysis? Discuss the importance of Break-even analysis to an administrator.

(5+17 = 22 marks)

2. **Write short notes on the following:**

2A. Classification of Biomedical waste

2B. Delegation

2C. Theories of Motivation

(12 marks × 3 = 36 marks)

