Reg. No.

MANIPAL UNIVERSITY
SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2009
SUBJECT: PHARMACOLOGY

Monday, June 08, 2009

Time: 14:00-15:30 Hours   Maximum Marks: 40

1.   Define the following terms:

1A.   Bioavailability.

1B.   Tachyphylaxis.

1C.   Drug synergism.

1D.   Biotransformation.

1E.   Teratogenecity.

                                                        (1×5 = 5 marks)

2.   Mention two drugs used for the following conditions:

2A.   Constipation.

2B.   Myasthenia gravis.

2C.   Congestive cardiac failure.

2D.   Malaria.

2E.   Diabetes mellitus.

                                                        (1×5 = 5 marks)

3.   Name two drugs belonging to the following groups:

3A.   Neuromuscular blockers.

3B.   Cephalosporins.

3C.   Intravenous general anaesthetics.

3D.   Anthelmintics.

3E.   Glucocorticoids.

3F.   Antipsychotics.

                                                        (1×6 = 6 marks)

4.   Answer the following:

4A.   Mention four groups of antihypertensive drugs with an example for each.

                                                        (4 marks)

4B.   Mention two groups of antithyroid drugs with an example for each group.

                                                        (2 marks)

4C.   Mention two groups of antiemetics with an example for each group.

                                                        (2 marks)

4D.   Name two tetracyclines and mention two uses of them.

                                                        (2 marks)

5A. List four drugs used in bronchial asthma and explain the mechanism of action of any one of them.

(3 marks)

5B. List four sympathomimetic agents and mention two uses and two adverse effects of them.

(4 marks)

5C. Define local anaesthetics and give two examples.

(2 marks)

5D. List four antiepileptic agents.

(2 marks)

5E. List four penicillin preparations and mention two uses of them.

(3 marks)

ꙮꙮꙮ

MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2009
SUBJECT: COMMUNICATION SKILLS

Tuesday, June 09, 2009

Time: 14:00-17:00 Hours   Max. Marks: 80

1. What are the two major forms of verbal communication? What are their merits and demerits?

(10 marks)

2. What are the requisites of reading efficiency? What are the types of reading? Elaborate on them.

(10 marks)

3. What is a summary? What are the ways to write a good summary?

(10 marks)

4. Explain the following sets. Give suitable examples. Answer any **EIGHT** of them.
4A. Silent reading and loud reading
4B. Static description and process description
4C. Verbal communication and non-verbal communication
4D. Face to Face and telephonic conversation
4E. Memo and circular
4F. Decoding and encoding.
4G. Hearing and focussed listening
4H. Positive letter and negative letter
4I. Cohesion and coherence
4J. Formal letter and informal letter

$(3 \times 8 = 24 \text{ marks})$

5. Write a letter of condolence to a friend of yours whose uncle had died in an accident.

(6 marks)

6. What are the possible questions for the replies given below?
6A. 'Oh, no, we own it. My father built it ten years ago. Most people own their houses here'.
6B. 'Sorry! We sell only vegetables. The fruit shop is across the road'.
6C. 'No, only when it is running it makes such a noise.'
6D. 'The train to Delhi is on platform number 8. This train goes to Kolkatta'.
6E. Sorry! The lift isn't working now. I'm afraid you may have to use the stairs to reach the 5th floor'.
6F. 'No, sir, I did this sum myself. I haven't copied anyone'.

$(\frac{1}{2} \times 6 = 3 \text{ marks})$

7. Instead of using the verb <u>said</u> for the sentences, we can use the following appropriately: confessed, boasted, shreiked, threatened, stammered, begged, complained, grumbled. Match them against the sentences.

7A. 'I am the most intelligent student in our class.'

7B. 'Pass the s...s...s...s... alt please'.

7C. 'Please give me some money and help me.'

7D. 'I'll tell father if you don't take this medicine.'

7E. 'Look! there is a cockroach over there'.

7F. 'It was me who pushed the boy, not Suman'.

7G. 'Food in this hotel is horrible.'

7H. 'Mother blames me for everything.'

(½×8 = 4 marks)

8. Six words among the twelve given are wrongly spelt. Identify them and write them correctly:

8A. headake

8B. guide

8C. awkward

8D. oppertunity

8E. recieve

8F. nineth

8G. foreign

8H. campain

8I. mischief

8J. knight

8K. calender

8L. steady

(½×6 = 3 marks)

9. Re-write the sentences as directed without changing the meaning:

9A. We must eat, or we cannot live.
(in to a one-verb sentence)

9B. In spite of his being small, he fought bravely.
(into two simple sentences)

9C. Besides passing the examination, he got the second rank.
(into two simple sentences)

9D. On reaching the town, he searched for his friend's house.
(into two simple sentences)

(1×4 = 4 marks)

10. Write a descriptive essay on anyone of the following in about a page:

10A. A traffic jam

10B. A moonless night

(6 marks)

MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2009

SUBJECT: HEALTH INFORMATION – I

Wednesday, June 10, 2009

Time: 14:00-17:00 Hrs — Maximum Marks: 80

✎   **All questions are compulsory.**

1. Define the term medical records. Briefly explain the values of medical to the hospital, third-party payers, national and international health agencies.

    (1+12 = 13 marks)

2. Briefly discuss on straight numerical and terminal digit filing mentioning its advantages and disadvantages.

    (12 marks)

3. Write the purpose of history and physical examination. Briefly outline the contents of physical examination in history and physical examination sheet.

    (1+12 = 13 marks)

4. Briefly explain the various steps required for the implementation of computerized medical records.

    (12 marks)

5. State the basic rules involve in the handling of medical records in a healthcare facility.

    (10 marks)

6. Write short notes on:

6A. Unit numbering system.

6B. Purpose of qualitative analysis.

6C. Microfilming process and equipment required.

6D. Numerical colour code.

    (5×4 = 20 marks)

✍　**All questions are compulsory.**

1.　Define medical ethics. Write the goals of medical intervention and its depended factor. When the medical matters come into interaction with law.

(1+6+6 = 13 marks)

2.　Briefly explain the basic principle of medical ethics.

(12 marks)

3.　What is rational drug therapy? Write the various criteria of rational use of drug. Briefly explain the impact of irrational drug therapy.

(1+5+6 = 12 marks)

4.　Discuss briefly on various ethical issues involve in abortion.

(10 marks)

5.　What is health policy? Mention the factor to be considered while making health policy. Briefly explain the ethics issues involve in it.

(1+3+9 = 13 marks)

6.　Write short notes on:

6A.　AHIMA code of ethics.
6B.　Subpoena and release of health information.
6C.　Civil Negligence.
6D.　Scope of medical ethics.

(5×4 = 20 marks)

☾☙☾☙☾