MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2015

SUBJECT: BHI 108 – MEDICAL ETHICS AND LEGAL ASPECTS
(CBS-2011 & 2014 SCHEME)

Tuesday, June 16, 2015

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✍ **Answer ALL questions.**

1. Define the term Law, Medical Ethics and Risk Management. Draw the conceptual models of it. Briefly explain the principles of beneficence and non-maleficence.

    (3+2+4+3 = 12 marks)

2. Write the moral duties of the doctors mentioned under International code of medical ethics.

    (12 marks)

3. When the Medical termination of pregnancy is permitted under Indian constitution? Briefly explain the various ethical issues involve in abortion.

    (4+8 = 12 marks)

4. What is irrational use of drug? Briefly discuss the factor and impact of irrational use of drug with suitable example.

    (1+6+5 = 12 marks)

5. What is a medico-legal case? Mention the various types of medico-legal cases. Briefly explain the importance of medical records in various court cases.

    (1+3+8 = 12 marks)

6. **Write short notes on:**

6A. Autonomy VS Paternalism

6B. Medical negligence

6C. Ownership of medical records

6D. Euthanasia

    (5 marks × 4 = 20 marks)

MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2015

SUBJECT: BHI 106 – HEALTH INFORMATION – I/HEALTH INFORMATION MANAGEMENT
(2011/2014 SCHEME)

Thursday, June 18, 2015

Time: 10:00-13:00 Hrs

Maximum Marks: 80

✍ **Answer ALL questions.**

1. Define the term Health Information System. Write the goal and objectives of maintaining health records. Why health records are important for national and international health agencies? Explain.

   .(1+3+6 = 10 marks)

2. Write the importance of filing system for the better maintenance of health records. Discuss briefly different types of filing system mentioning their advantage and disadvantage.

   (3+7 = 10 marks)

3. Discuss problem oriented medical records mentioning its important elements, advantage and disadvantage.

   (10 marks)

4. Write the purpose of history and physical examination. Discuss briefly on content of history section of History and Physical Examination sheet.

   (2+8 = 10 marks)

5. **Write the purpose and content of:**

5A. Outpatient Register
5B. Discharge Register
5C. Operation Register
5D. Birth Register
5E. Anesthesia Register

   (2 marks × 5 = 10 marks)

6. Discuss various steps involved in computerization of medical records.

   (10 marks)

7. **Write short notes on:**

7A. Color Coding
7B. Classification of Hospital
7C. Basic rules for handling medical records
7D. Importance of Qualitative review of medical records

   (5 marks × 4 = 20 marks)

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SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2015

SUBJECT: PHARMACOLOGY (BHI 102)
(2011 & 2014 SCHEME)

Saturday, June 20, 2015

Time: 10:00 – 11:30 Hrs.   Max. Marks: 40

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1. **Define the following terms with an example each:**

1A. Chemoprophylaxis

1B. Synergism

(2 marks × 2 = 4 marks)

2. Mention three classes of drugs used to treat peptic ulcer with an example for each class.

(3 marks)

3. **Mention two examples and two therapeutics uses of the following groups:**

3A. Aminoglycosides

3B. Quinolones

3C. Anticholinesterases

3D. Opioids

(2 marks × 4 = 8 marks)

4. **List two advantages and one disadvantage of the following routes of drug administration**

4A. Intramuscular route

4B. Sublingual route

(1½ marks × 2 = 3 marks)

5. **Explain the mechanism of action of the following drugs:**

5A. Cotrimoxazole

5B. Penicillins

(2 marks × 2 = 4 marks)

6. **Mention two drugs used in the following condition:**

6A. Bronchial asthma

6B. Epilepsy

6C. Diabetes

6D. Angina pectoris

6E. Insomnia

6F. Schizophrenia

(1 mark × 6 = 6 marks)

7.   **What does the following abbreviations stand for?**

7A.   h.s.

7B.   s.o.s

7C.   o.d

7D.   stat

(½ mark × 4 = 2 marks)

8A.   Mention two corticosteroids. List their two therapeutic uses and two metabolic adverse effects.

8B.   Explain the mechanism of action of aspirin and list its two therapeutic uses.

8C.   Describe any two parts of a prescription.

8D.   List four factors affecting absorption of a drug.

(3+3+2+2 = 10 marks)

MANIPAL UNIVERSITY

SECOND SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2015

SUBJECT: BHI 104 – COMMUNICATION SKILLS
(CBS 2014 REGULATION)

Tuesday, June 23, 2015

Time: 10:00-13:00 Hours

Max. Marks: 80

1. **Answer any FIVE of the following:**

1A. Man is a social animal. He needs to communicate with others for various reasons. What is communication? What are the objectives of communication? Explain.

1B. Why is feedback important in communication? What are the reasons for not getting feedback? What should we do to get feedback?

1C. Forehead, eyebrows, eyes, eyelids, nose, mouth-all these on the face contribute a great deal towards non-verbal communication. Explain this statement.

1D. Someone said that if speech is Silver listening is golden. Why is listening so important in communication? What is the process of listening? Explain.

1E. What are the basic rules we should bear in mind while writing an essay and summary?

1F. Explain three interactions that come under dyadic communication.

1G. What are the merits and demerits of oral and written communication?

(7 marks × 5 = 35 marks)

2. **Write short notes on any FOUR of the following:**

2A. Skimming and scanning in reading

2B. Minutes in formal meetings

2C. Memo

2D. Various forms of Conversation

2E. Analytical Report and Informational Report

2F. Circulars

(3 marks × 4 = 12 marks)

3. Write a NOTICE informing the general public of suspension of work in the bank owing to nonfunctioning of computer network.

(5 marks)

4. Write an essay running to about a hundred words on 'Animals are Useful'.

(7 marks)

5. **Put the following in the indirect speech:**

5A. 'If it rains this afternoon it will be too wet to play the match tomorrow', the captain said.
The Captain said

5B. 'Why do you think it may be dangerous?' he asked her.

He asked her

5C. 'Don't touch the switch, Mary', I said.

I told Mary

5D. 'Can you get coffee on the train?' asked my aunt.

My aunt wanted to know

Use the starting word given and re-write the sentences, meaning remaining unchanged

5E. No other seat is as comfortable as this

This _____

5F. Apples are dearer than Oranges.

Oranges _____

5G. This classroom is as large as the next the classroom.

The next classroom _____

5H. Rani's house is one of the biggest house.

Very few _____

(½ marks × 8 = 4 marks)

6. Rewrite the sentences putting the verbs in the other voice form. Starting word is given

6A. They carried her into the house.

She _____

6B. Nobody has slept in that room for years.

That room _____

6C. Someone is showing my elder sister how to bath a baby

My elder sister _____

6D. They still deny women the right to vote in some countries.

The right to vote _____

6E. Many valuable paintings were destroyed by the fire.

The fire _____

6F. You will be laughed at if you wear that silly hat.

People will _____

(1 mark × 6 = 6 marks)

7. Complete sentences using the right forms of verbs given in the bracket

7A. The fat lady next door _____ singing three hours every day. (practise)

7B. He is busy now. He _____ his wife at the kitchen. (help)

7C. She _____ never _____ the sea. She _____ to go last year but she _____ no money. (see, want, have)

7D. He _____ in Singapore since 2000. (live)

7E. At present he _____ an English novel. It is the third English novel he _____ this year (read, read)

7F. He _____ against the door and _____ to the radio when I first _____ to speak to him. (lean, listen, try)

7G. This bus _____ you to Mint Street. (take)

7H. When I get back, they _____ supper. I _____ them. (have, join)

7I. I _____ three of Shaw's plays by the end of this year (read)

7J. When I _____ a thousand words in English _____ to read a newspaper? (learn, be able)

(½ marks × 10 = 5 marks)

8. Transform the sentences using the introductory words. Retain the meaning

8A. I was surprised when I heard the announcement.
I was surprised to _____

8B. The man was fined because he killed a protected animal.
The man was fined for _____

8C. He stood up so that he could see better.
He stood up to _____

8D. There is a heavy rainfall there. Plants grow well.
Because of a _____

8E. Please tell me what I ought to do.
Please tell me what to _____

8F. The fan is not working properly. You repaired it.
The fan that _____

8G. The shop opened. Then we all went in.
As soon as _____

8H. It was raining very heavily. We had to stay where we were.
It was raining so _____

8I. He was afraid but he did not show it.
Although _____

8J. It is dangerous to ride a bicycle at night without a lamp.
Riding a bicycle _____

8K. Everyone went home with the exception of Peter.
Except Peter _____

8L. Why is she angry? Do you know?
Do you know why _____

(½ marks × 12 = 6 marks)