MANIPAL UNIVERSITY

THIRD SEMESTER BACHELOR OF CLINICAL OPTOMETRY/B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: – PATHOLOGY
(COMMON FOR BOP 209:GS – 2012 BATCH/BHI 201:CBS – 2011 & 2013 SCHEME)

Thursday, January 01, 2015

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

✍ **Answer ALL questions.**

1. Explain in detail the process of healing by primary intention. What are the factors influencing wound healing.

                                              (4+4 = 8 marks)

2. Define neoplasia. Tabulate the differences between benign and malignant tumours.

                                              (1+6 = 7 marks)

3. **Write short notes on:**

3A. Vascular events in acute inflammation

3B. Clinical features and FAB classification of acute leukemias

3C. Embolism

3D. Mode of infection, clinical features and opportunistic infections in AIDS

3E. Hemophilia

                                              (5 marks × 5 = 25 marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: BHI 203 – HEALTH INFORMATION – II/MANAGEMENT OF HEALTH INFORMATION SYSTEM
(COMMON FOR CBS 2011 AND 2013 SCHEME)

Saturday, January 03, 2015

Time: 10:00 – 13:00 Hrs.   Maximum Marks: 80

✍ **Answer ALL questions.**

1. What is controlling? Write the importance of it. How the standard of work performance can be measured in a medical records department? Explain.

    (1+3+8 = 12 marks)

2. Discuss briefly about the various functions of medical records personnel in respect to direct care institution, education and commerce.

    (12 marks)

3. What are the objectives of medical records department? Briefly explain the day-to-day functions of medical records professionals.

    (3+9 = 12 marks)

4. What is subpoena? Write the types of subpoena. Briefly explain the uses of medical records in court of law.

    (1+2+9 = 12 marks)

5. **Define the following terms**:

5A. Hospital fetal death

5B. Hospital maternal death rate

5C. Infection rate

5D. Inpatient bed occupancy ratio

5E. Average length of stay

5F. Fetal death rate

    (2 marks × 6 = 12 marks)

6. **Write short notes on:**

6A. Planning a budget for medical records department

6B. Delegation of authority

6C. DSM-III

6D. CPT

    (5 marks × 4 = 20 marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: BHI 205 – QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS
(COMMON FOR CBS 2011 & 2013 SCHEME)

Monday, January 05, 2015

Time: 10:00 – 13:00 Hrs.   Maximum Marks: 80

✍ **Answer ALL questions.**

1. Write down the significance of clinical audit process in a hospital. Distinguish clinical audit process and hospital infection control process.

    (5+10 = 15 marks)

2. Distinguish between medical malpractice and medical negligence with examples. How hospitals can control medical malpractice and negligence through an effective QA program?

    (8+7 = 15 marks)

3. Give an account of Utilization Management process in a QA program.

    (8 marks)

4. Write down the correct formula and explanation for the following health care statistics:
    Infant mortality rate, Maternal death rate, Gross Autopsy rate, Nosocomial infection rate, Hospital acquired infection rate, Late fetal death rate, Complication rate, and Prevalence rate.

    (14 marks)

5. **Write short notes on:**

5A. Infection surveillance

5B. Risk analysis

5C. Accreditation

5D. Discrete data

5E. Quality Assessment

    (2 marks × 5 = 10 marks)

6. **Answer the following:**

6A. List the components of Quantitative analysis in medical record documentation with a brief explanation.

6B. Give an account of different types of data with suitable examples.

6C. Discuss about the importance of Medical Record Department in a QA program.

    (6 marks × 3 = 18 marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: BHI 207 – MEDICAL TERMINOLOGY – I/MEDICAL LANGUAGE – I
(COMMON FOR CBS 2011 & 2013 SCHEME)

Wednesday, January 07, 2015

Time: 10:00 – 13:00 Hrs.   Maximum Marks: 80

1. What is Medical Terminology? What is the purpose of knowing Medical Terminology? Discuss the word part and the combining vowels used in describing medical terms?

    (2+4+4 = 10 marks)

2. Write down the correct meaning of the following prefixes and explain it with an example term:

a) Ambi	b) Dys	c) Eu	d) Contra	e) Ecto
f) Hemi	g) Retro	h) Mon	i) Peri	j) Meso

    (1 mark × 10 = 10 marks)

3. Write down the correct meaning of the following suffixes and explain it with an example term:

a) -ic	b) - igo	c) -capnia	d) -stenosis	e) -desis
f) -eal	g) -ptysis	h) -poiesis	i) -er	j) -atresia

    (1 mark × 10 = 10 marks)

4. Write down the correct meaning of the following root words and explain it with an example term:

a) Pinea	b) Oto	c) Caud	d) Orchid	e) Cutis
f) Episio	g) Amygdale	h) Adipo	i) Myo	j) Dacry(o)

    (1 mark × 10 = 10 marks)

5. Write down the correct meaning of the following medical terms:

a) Oopherectomy	b) Aortostenosis	c) Hematotoxic
d) Endoscope	e) Dyspepsia	f) Balanopexy
g) Peritoneum	h) Nulliparous	i) Sphincter
j) Leucopenia		

    (1 mark × 10 = 10 marks)

6. **Write down the correct medical term for the following explanation:**

6A. Vomiting out blood

6B. Lack of oxygen in blood

6C. Deficiency of color especially of the face /paleness

6D. Double vision

6E. Surgical incision into veins

6F. An instrument used to cut specimens from tissues

6G. Dissection of a joint

6H. A condition of having bad breath

6I. Plastic surgery of rectum

6J. Pertaining to the ileum and femur

(1 mark × 10 = 10 marks)

7. **Briefly explain about the following:**

7A. Pericardium

7B. Hallux Valgus

7C. Arthritis

7D. Glossopexy

7E. Epilepsy

(2 marks × 5 = 10 marks)

8. **Answer the following:**

8A. Distinguish between byssinosis and bagassosis

8B. Construct five medical terms using the term "lymphangio"

(5 marks × 2 = 10 marks)

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