MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: PATHOLOGY

(OLD REGULATION)

Tuesday, May 28, 2013

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

✍   **Answer ALL questions.**

1.   Define inflammation. Describe the cellular events in acute inflammation.

(2+6 = 8 marks)

2.   Define leukemia. Give the FAB classification of acute leukemia. Write the clinical features of acute leukemia.

(1+3+3 = 7 marks)

3.   **Write short notes on:**

3A.   Factors affecting wound healing

3B.   Fate of a thrombus

3C.   Hemophilia

3D.   Differences between benign and malignant tumours

3E.   Aetiology, mode of infection and clinical features of AIDS

(5×5 = 25 marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: BHI 203 – HEALTH INFORMATION – II
(COMMON FOR OLD AND NEW REGULATION)

Thursday, May 30, 2013

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

✍ **Answer ALL questions.**

1. Define procedure. Write the basic steps for establishing procedure. Prepare a procedure manual for assembling and deficiency check.

    (1+3+8 = 12 marks)

2. Discuss the functions of medical records administrator in relation to commerce and education.

    (12 marks)

3. Define the term medico-legal case. Explain briefly on retention, destruction and disclosure of medical records with suitable example.

    (1+11 = 12 marks)

4. Write in detail about the relationship of medical records department with Medical Director, Clinical and Pathology lab, Radiology and Physical Medicine and Rehabilitation.

    (12 marks)

5. **Define the following terms with appropriate formula:**
5A. Clinical care unit
5B. Hospital fetal death
5C. Inpatient bed occupancy ratio
5D. Autopsy rate
5E. Hospital infection rate
5F. Hospital death rate
5G. Inpatient bed count days

    (1+2+2+2+2+2+1 = 12 marks)

6. **Write short notes on:**
6A. SNOMED
6B. ICD-Oncology
6C. Process of organizing the medical records department
6D. Leadership behavior and style

    (5×4 = 20 marks)

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: BHI 205 – QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS
(COMMON FOR BOTH OLD AND NEW REGULATIONS)

Saturday, June 01, 2013

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

✍ **Answer ALL the questions.**

1. What is credentialing? Discuss in detail about credentialing process.

(2+10 = 12 marks)

2. Give an account of evolution of Total Quality Management? Briefly explain about four levels in evolution of Quality Management.

(7+8 = 15 marks)

3. Discuss in detail about 'Quality assessment' activity in a quality assurance program.

(13 marks)

4. A 500 bed health care facility, during the month of January had a total of 3200 discharges (including deaths), a total of 14235 inpatient service days, and a total of 15283 discharge days. Calculate Inpatient bed occupancy rate, Average daily inpatient census, Average length of stay and Bed turn over rate.

(12 marks)

5. **Write short notes on:**

5A. Quality Management System

5B. Authoritarian leadership

5C. Gross death rate

5D. Pie chart

5E. Problem solving teams

(2×5 = 10 marks)

6. **Answer the following:**

6A. What are the do's and don'ts of medical record documentation.

6B. What is risk management? Briefly explain about risk management process.

6C. Give an account of Australian Council for Healthcare Standards.

(6×3 = 18 marks)

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – MAY/JUNE 2013

SUBJECT: BHI 207 – MEDICAL TERMINOLOGY – I
(COMMON FOR BOTH OLD AND NEW REGULATIONS)

Tuesday, June 04, 2013

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

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

    a) Iso   b) Onc   c) Rube   d) Idio
    e) Cent   f) Algo   g) Gymno   h) Andr
    i) Hex   j) Supra

                                                    (1×10 = 10 marks)

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

    a) -id   b) -lepsy   c) -ome   d) -uria
    e) -centesis   f) -ose   g) -algia   h) -genesis
    i) -ic   j) -eal

                                                    (1×10 = 10 marks)

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

    a) Dacryo   b) Hidro   c) Hel   d) Vaso
    e) Colpo   f) Nato   g) Adipo   h) Sudor
    i) Pilo   j) Keras

                                                    (1×10 = 10 marks)

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

    a) Anorexia   b) Hirsutism   c) Chorea   d) Dementia
    e) Kyphosis   f) Tremor   g) Fistula   h) Hemiplegia
    i) Syndrome   j) Allergy

                                                    (1×10 = 10 marks)

5. Write down the correct medical term for the following explanation:

5A. A highly contagious flu

5B. A person skilled in gynecology

5C. Abnormal enlargement of atrium of heart

5D. Irrational fear of darkness

5E. Thickening of the skin

5F. A skin rash due to bleeding beneath the skin

5G. Surgical fixation of spleen on the abdominal wall

5H. Degeneration of vertebra

5I. Pain in the mouth

5J. Producing motion

<div align="right">(1×10 = 10 marks)</div>

6. **Split the surgical procedures and explain the meaning of each term:**

6A. Arteriophlebotomy

6B. Hepaticoduodenostomy

6C. Circoidectomy

6D. Sympatheticotripsy

6E. Marsupialization

<div align="right">(2×5 = 10 marks)</div>

7. **Answer the following:**

7A. Explain briefly about coryza and ozena.

7B. Construct five medical terms using the term "splen".

7C. Write a short notes on five disorders of digestive system.

7D. Identify any five stem words related to bone and joints and explain it with the help of examples.

<div align="right">(5×4 = 20 marks)</div>

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