MANIPAL UNIVERSITY

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

SUBJECT: PATHOLOGY

Monday, June 01, 2009

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

1. Define necrosis. Describe the different types of necrosis with examples.

    (2+6 = 8 marks)

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

    (1+3+3 = 7 marks)

3. Write short notes on:

3A. Thalassemia.

3B. Renal edema.

3C. Factors affecting wound healing.

3D. Differences between benign and malignant tumours.

3E. Leprosy.

    (5×5 = 25 marks)

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MANIPAL UNIVERSITY

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

SUBJECT: HEALTH INFORMATION – II

Tuesday, June 02, 2009

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

1. What is controlling? Write the importance of it. What are the various methods involve in measuring the standards of work performance? Explain.

(15 marks)

2. Draw an organizational chart of medical records department by job. Explain briefly about the day to day functions performed by medical records personnel.

(5+10 = 15 marks)

3. Discuss briefly about the relationship of medical records department with governing body, medical staff, housekeeping, purchasing and maintenance and engineering.

(15 marks)

4. Define the following terms:

4A. Average daily inpatient census.

4B. Fetal death rate.

4C. Hospital outpatient and inpatient.

4D. Anesthesia death rate.

4E. Hospital maternal death rate.

4F. Net autopsy rate.

4G. Caesarean section rate.

(2+3+2+2+2+2+2 =15 marks)

5. Write short notes on:

5A. ICD-10th revision.

5B. CPT.

5C. Path-goal approach to leadership effectiveness.

5D. Importance of planning.

(5×4 = 20 marks)

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2009
SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS

Wednesday, June 03, 2009

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

1. Define total quality management and briefly explain about evolution of quality management. Explain in detail about quality management principles.

(15 marks)

2. Write down in detail about purpose and components of Qualitative analysis of Medical records.

(12 marks)

3. With a suitable case study discuss ten steps in Monitoring and evaluation process in quality assessment.

(10 marks)

4. Calculate complication rate, nosocomial infection rate, post operative infection rate, community acquired infection rate, total infection rate and co morbidity rate with the help of following data.

   Discharges excluding death = 1680
   Surgical operations = 980
   Number of deaths = 186
   Number of comorbidities = 214
   Number of complications = 98
   Nosocomial infection including post operative infections = 18
   Postoperative infections = 6
   Community acquired infections = 20

(15 marks)

5. Write short notes on:
5A. Quality control.
5B. Continuous data.
5C. Inpatient bed count.
5D. Occurrence screening.
5E. Gross autopsy rate.

($2 \times 5 = 10$ marks)

6. Answer the following:
6A. Write down the various outcomes of utilization management.
6B. Characteristics of quantitative analysis.
6C. Briefly explain about hazard surveillance checklist.

($6 \times 3 = 18$ marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2009
SUBJECT: MEDICAL TERMINOLOGY – I

Thursday, June 04, 2009

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

1. Write down the correct meaning of the following Prefixes with an example term
1A. Fibri
1B. Gyn
1C. Juxta
1D. Di
1E. Ecto
1F. Proto
1G. Leio
1H. Brachy
1I. Micro
1J. Narco

(1½×10 = 15 marks)

2. Write down the correct meaning of the following Suffixes with an example term
2A. -ago
2B. -ectasis
2C. -phyte
2D. -parous
2E. -fuge
2F. -poiesis
2G. -tocia
2H. -tripsy
2I. -ary
2J. -ism

(1½×10 = 15 marks)

3. Write down the correct meaning of the following medical terms:
3A. Atheroma
3B. Synovectomy
3C. Diarrhea
3D. Anarthria
3E. Clubbing
3F. Condylectomy
3G. Pyothorax

3H. Lobectomy

3I. Vasectomy

3J. Keratocentesis

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

4. Write down the correct medical term for the following explanation

4A. Surgical division of a ligament

4B. Fear of seeing naked body

4C. Creation of an artificial opening into the trachea through the neck

4D. A small tear in the anus that may cause itching

4E. The synthesis of glycogen from glucose

4F. Removal of hypophysis of pituitary gland

4G. Wasting of spinal cord

4H. Related to old age

4I. Absence of normal opening between the rectum and anus

4J. Not having uniform quality

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

5. Briefly explain about

5A. Fever

5B. Hernia

5C. Bronchiectasis

5D. Hyaline membrane disease

5E. Osteochondrosis

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

6. Answer the following:

6A. What do you mean by anastomosis? Mention any four examples for anastomosis.

6B. Construct five meaningful medical terms with stem word 'Gastro'.

6C. Describe about various types of suffixes with suitable examples.

6D. Mention any five disease condition affection vertebra.

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

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