

Reg. No.

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: PATHOLOGY

Monday, June 06, 2011

Time: 10:00 – 11:30 Hrs.

Maximum Marks: 40

✍ All questions are compulsory:

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

(1+4+3 = 8 marks)

2. Define inflammation. Describe the cellular events of acute inflammation.

(1+6 = 7 marks)

3. Write short notes on:

3A. Types of necrosis with examples.

3B. Fate of a thrombus.

3C. Tumour metastasis.

3D. Primary tuberculosis.

3E. Idiopathic thrombocytopenic purpura.

(5×5 = 25 marks)



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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: HEALTH INFORMATION – II

Wednesday, June 08, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

1. What is planning? Write the importance of it. Discuss the basic steps of planning with suitable example.

(1+2+12 = 15 marks)

2. Draw an organization chart of medical records department by functions. Write the various function of Assistant Medical Records Officer.

(6+9 = 15 marks)

3. Write the importance of inter-department relationship. Discuss briefly about the relationship of medical records department with medical staff, respiratory therapy department, admitting office and purchasing.

(3+12 = 15 marks)

4. **Define the following terms:**

4A. Rate, Ratio and Percentage.

4B. Hospital Inpatient and Outpatient.

4C. Net death rate.

4D. Average daily inpatient census.

4E. Intermediate fetal death rate.

4F. Hospital live birth.

4G. Hospital Fetal death.

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

5. **Write short notes on:**

5A. Leadership behavior.

5B. Principles of disclosure.

5C. SNOP.

5D. ICD-9-CM

(5×4 = 20 marks)



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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS

Friday, June 10, 2011

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

1. Write an essay on evolution of quality management and principles of quality management. (13 marks)
2. 'Utilization review is a very important component of quality assessment'. Write down in detail about utilization review process and explain the above statement. (12 marks)
3. Write an essay about required characteristics of entries in a medical record. (12 marks)
4. A 650-bed health care during the month of September had a total of 2876 discharges including deaths. A total of 13346 census days and 12376 total inpatient day stay were reported during same period. Calculate percentage occupancy, average daily inpatient census, average length of stay and bed turn over rate. (15 marks)
5. **Write short notes on:**
 - 5A. Net death rate.
 - 5B. Anesthesia death rate.
 - 5C. Taylor system of scientific management.
 - 5D. Co morbidity rate.
 - 5E. Quality Design.(2×5 = 10 marks)
6. **Answer the following:**
 - 6A. How we can display various type of health care data in an organized way?
 - 6B. Mention first six steps involved in monitoring and evaluation process.
 - 6C. Mention various components of Qualitative analysis.(6×3 = 18 marks)



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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: MEDICAL TERMINOLOGY – I

Monday, June 13, 2011

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:

- 1A. Con
- 1B. Dys
- 1C. Eu
- 1D. Per
- 1E. sym
- 1F. Ab
- 1G. Retro
- 1H. Mal
- 1I. Peri
- 1J. supra

(1×10 = 10 marks)

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

- 2A. -oid
- 2B. - igo
- 2C. -megaly
- 2D. -stenosis
- 2E. -desis
- 2F. -eal,
- 2G. -osis
- 2H. -poiesis
- 2I. -ary
- 2J. -ist

(1×10 = 10 marks)

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

- 3A. Pineal
- 3B. Oto
- 3C. Ren
- 3D. Adipo
- 3E. Cutis
- 3F. philia
- 3G. Amygdale

- 3H. Coccyx
- 3I. Myo
- 3J. omos

(1×10 = 10 marks)

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

- 4A. Urethrectomy
- 4B. Aortostenosis
- 4C. Hematotoxic
- 4D. Endoscope
- 4E. Hyperemesis
- 4F. Balanoplasty
- 4G. Pericardium
- 4H. Ossification
- 4I. Sphincter
- 4J. Epilepsy

(1×10 = 10 marks)

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

- 5A. Painful rheumatism involving muscular and fibrous tissues of the lower back region
- 5B. An unusual discharge of blood from the blood vessels
- 5C. Deficiency of color especially of the face/paleness
- 5D. Rapid heart action whether physiological or pathological
- 5E. Surgical communication between the veins
- 5F. An instrument used to measure pupil of the eye
- 5G. Osteochondrosis of the head of the femur in children
- 5H. A condition of having bad breath
- 5I. Tumor of the blood vessels
- 5J. Pertaining to the ileum and femur

(1×10 = 10 marks)

6. Briefly explain about the following:

- 6A. Pericardium
- 6B. Balanoplasty
- 6C. Ossification
- 6D. Sphincter
- 6E. Epilepsy

(2×5 = 10 marks)

7. Answer the following:

- 7A. Distinguish between byssinosis and bagassosis.
- 7B. Construct five medical terms using the term "lymphangio".
- 7C. What do you mean by hepatitis? Briefly explain the different types of hepatitis.
- 7D. Identify any five stem words related to the urinary system and explain it with the help of examples.

(5×4 = 20 marks)

