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MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008

SUBJECT: PATHOLOGY
(NEW REGULATION)

Monday, June 09, 2008

Time Available: 1½ Hours

Maximum Marks: 40

☞ All questions are compulsory.

1. Describe the process of wound healing by primary intention with a suitable diagram. Mention four important factors which adversely affect the wound healing.

(6+4 = 10 marks)

2. Write short notes on:

- 2A. Megaloblastic anemia.
2B. Cardiac oedema
2C. Pathogenesis of septic shock
2D. Spread of tumours
2E. Primary pulmonary tuberculosis.
2F. Types of necrosis with examples.

(5×6 = 30 marks)



MANIPAL UNIVERSITY
THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008
SUBJECT: HEALTH INFORMATION – II
(NEW REGULATION)
Tuesday, June 10, 2008

Time: 3 Hrs.

Max. Marks: 80

☞ **All questions are compulsory.**

1. What is planning? Write the steps involved in planning a medical records department in a healthcare facility.
(1+9 = 10 marks)
2. Briefly explain the various management roles performed by a health information manager in a healthcare facility.
(10 marks)
3. What is confidentiality? How the unauthorized disclosure of health information create threats to an individual and healthcare facility.
(1+9 = 10 marks)
4. How a good inter and intra-departmental relationship is necessary for the smooth running of a healthcare facility.
(10 marks)
5. Write the formulas of the following:
 - 5A. Hospital death rate
 - 5B. Inpatient bed occupancy ratio
 - 5C. Anesthesia death rate
 - 5D. Fetal and intermediate mortality rate
 - 5E. Delivery rates.(2×5 = 10 marks)
6. Write short notes:
 - 6A. Use of medical records by court of law
 - 6B. International classification of disease
 - 6C. Nomenclature of disease
 - 6D. Skills of medical records managers
 - 6E. Steps for establishing procedure
 - 6F. Methods of establishing standards.(5×6 = 30 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008****SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS****(COMMON FOR BOTH OLD & NEW REGULATIONS)**

Wednesday, June 11, 2008

Time: 3 Hrs.

Max. Marks: 80

1. Write an essay on types of data and data display with proper examples and illustrations.
(15 marks)
2. Write down in detail about various aspects and components of Quality assessment process.
(12 marks)
3. Medical audit is an important yardstick to measure quality of service provided by a health care institute – give your views about this statement.
(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 = 2180
Surgical operations = 990
Number of deaths = 226
Number of comorbidities = 204
Number of complications = 118
Nosocomial infection including post operative infections = 19
Postoperative infections = 8
Community acquired infections = 26
(15 marks)
5. Write short notes on:
 - 5A. Net autopsy rate.
 - 5B. Community acquired infection rate.
 - 5C. CWQC.
 - 5D. Percentage of occupancy.
 - 5E. Median.(2×5 = 10 marks)
6. Answer the following.
 - 6A. Give an account of Taylor system of scientific management.
 - 6B. What do you mean by review for description and justification of course of treatment?
 - 6C. Briefly explain about various components of Quantitative analysis.(6×3 = 18 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2008****SUBJECT: MEDICAL TERMINOLOGY – I
(COMMON FOR BOTH OLD AND NEW REGULATIONS)**

Thursday, June 12, 2008

Time: 3 Hrs.

Max. Marks: 80

1. Write down the correct meaning of the following Prefixes with an example term.
- 1A. Infra
 - 1B. Dys
 - 1C. Eu
 - 1D. Hex
 - 1E. Levo
 - 1F. Con
 - 1G. Sym
 - 1H. Ab
 - 1I. Ante
 - 1J. Mal

(1½×10 = 15 marks)

2. Write down the correct meaning of the following Suffixes with an example term.
- 2A. -ase
 - 2B. -er
 - 2C. -aesthesia
 - 2D. -oma
 - 2E. -dynea
 - 2F. -cele
 - 2G. -ectomy
 - 2H. -opsy
 - 2I. -mania
 - 2J. -plasm

(1½×10 = 15 marks)

3. Write down the correct meaning of the following medical terms.
- 3A. Tingling
 - 3B. Atresia
 - 3C. Ecchymoses
 - 3D. Collapse
 - 3E. Thoracocentesis
 - 3F. Snoring
 - 3G. Gangrene

- 3H. Oliguria
- 3I. Spondylosis
- 3J. Cachexia

(1×10 = 10 marks)

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

- 4A. Opening of a vein to let out the blood
- 4B. Incision into the neck of bladder
- 4C. Inflammation of all sinuses
- 4D. A birth defect in which a small sac forms in the ileum
- 4E. Increase in the reddish coloration of skin
- 4F. Plastic repair of the pelvis of the kidney
- 4G. Abnormal tendency to bleed
- 4H. Narrowing of the coronary arteries of the heart
- 4I. A sore on the skin surface or on the stomach lining
- 4J. The degree of poisonous effect

(1×10 = 10 marks)

5. Briefly explain about

- 5A. Pleurisy
- 5B. Gout
- 5C. Granulomatous colitis
- 5D. Bagassosis
- 5E. Hiatal hernia

(2×5 = 10 marks)

6. Answer the following:

- 6A. Describe briefly about Crohn's disease.
- 6B. Identify the four main uses of learning medical terminology with suitable example.
- 6C. Write down any five surgical procedures on any organs comes under digestive system.
- 6D. Distinguish between Farmer's lung and Brown lung disease.

(5×4 = 20 marks)

