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MANIPAL UNIVERSITY

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

SUBJECT: PATHOLOGY

Monday, January 05, 2009

Time: 10:00 – 11:30 Hrs.

Maximum Marks: 40

1. Define inflammation. Mention the types of inflammation with examples. Describe the cellular events of acute inflammation.

(1+3+6 = 10 marks)

2. Write short notes on:

- 2A. Liquefaction necrosis.
- 2B. Pathogenesis of hypovolemic of shock.
- 2C. Fate of a thrombus.
- 2D. Iron deficiency anemia.
- 2E. Metaplasia with examples.
- 2F. Scurvy.

(5×6 = 30 marks)



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MANIPAL UNIVERSITY

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

SUBJECT: HEALTH INFORMATION – II

Tuesday, January 06, 2009

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☞ All questions are compulsory.

1. What is organizing? Write the process of organizing. Briefly outline the roles and responsibilities of a medical records officer.
(1+5+9 = 15 marks)
2. Define medical record. Mention the objective of maintaining medical records. Discuss the day to day functions of the medical records personnel.
(1+2+12 = 15 marks)
3. What is inter-department relationship? Mention the importance of it. Explain briefly about the relationship of medical records department with purchasing, personnel, medical staff, nursing services.
(1+2+12 = 15 marks)
4. Define the following terms:
 - 4A. Fetal death rate
 - 4B. Hospital live birth
 - 4C. Hospital neonatal death rate
 - 4D. Hospital maternal death rate
 - 4E. Caesarean section rate
 - 4F. Inpatient bed occupancy ratio
 - 4G. Average length of stay(3+2+2+2+2+2+2 = 15 marks)
5. Write short notes on:
 - 5A. Path-goal approach to leadership effectiveness
 - 5B. Outpatient services of medical records department
 - 5C. CPT
 - 5D. ICD-9-CM(5×4 = 20 marks)



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MANIPAL UNIVERSITY

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

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS

Wednesday, January 07, 2009

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

1. Write in detail about various process involved in quality assessment. Write down the ten step process involved in Monitoring and Evaluation process.
(15 marks)
2. What is medical audit? Write down the importance of medical audit and role of HIM professionals in medical audit.
(12 marks)
3. What are the various uses of morbidity and mortality statistics in a health care, explain it with suitable examples.
(10 marks)
4. Calculate Neonatal death rate, Infant death rate and intermediate fetal death rate using the following data:
Live births = 168
Neonatal discharges = 126
Neonatal deaths (before 28 days) = 4
Infant discharges = 64
Infant deaths (between 28 days and 1 year) = 6
Intermediate fetal death = 17
(15 marks)
5. Write short notes on:
 - 5A. Quality policy.
 - 5B. Discrete data.
 - 5C. Inpatient bed count.
 - 5D. Autopsy rate.
 - 5E. Credential verification.(2×5 = 10 marks)
6. Answer the following:
 - 6A. Briefly explain on ACHS and Trent Accreditation scheme.
 - 6B. Explain the importance of carrying out review for complete and consistent diagnostic statement in qualitative analysis.
 - 6C. How do you distinguish between frequency distribution and histogram.
(6×3 = 18 marks)



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

Thursday, January 08, 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. Hydr
- 1B. Acro
- 1C. Syn
- 1D. Ento
- 1E. Anti
- 1F. Bi
- 1G. Circum
- 1H. Quadr
- 1I. Tri
- 1J. Algo

(1½×10 = 15 marks)

2. Write down the correct meaning of the following Suffixes with an example term

- 2A. -emia
- 2B. -opia
- 2C. -centesis
- 2D. -phagia
- 2E. -phobia
- 2F. -ious
- 2G. -genesis
- 2H. -lytic
- 2I. -pexy
- 2J. -ices

(1½×10 = 15 marks)

3. Write down the correct meaning of the following medical terms

- 3A. Dementia
- 3B. Salpingitis
- 3C. Dacryocystalgia
- 3D. Cough

- 3E. Hostility
- 3F. Achondroplasia
- 3G. Myelitis
- 3H. Hypnosis
- 3I. Oophorectomy
- 3J. Splenomegaly

(1×10 = 10 marks)

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

- 4A. Pertaining to diaphragm and ribs
- 4B. Surgical incision for the repair of hernia
- 4C. Early development of the embryo
- 4D. Inflammation of a tendon sheath
- 4E. Yellowish discoloration and fibrous tissue formation of liver
- 4F. The lower end of large intestine
- 4G. Madness towards drinking alcohol
- 4H. Excision of the rectum and sigmoid colon
- 4I. Pain in the heel bone
- 4J. Study of cause of disease

(1×10 = 10 marks)

5. Briefly explain about:

- 5A. Farmer's lung
- 5B. Hepatitis
- 5C. Biliary atresia
- 5D. Adjective suffixes
- 5E. Influenza

(2×5 = 10 marks)

6. Answer the following:

- 6A. How do you distinguish between prefixes and suffixes?
- 6B. Distinguish between Hiatal and Inguinal hernia.
- 6C. Write down any five surgical procedures performed to stomach.
- 6D. Write a short note on digestive system.

(5×4 = 20 marks)

