

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2005

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS

Wednesday, June 08, 2005

Time: 3 Hrs.

Max. Marks: 80

Answer ALL questions

1. What do you mean by risk management? Explain in detail about each component of risk management. (12 marks)
2. Write down the various role of HIM professionals in preparing and displaying health care statistics. (12 marks)
3. Define quantitative analysis, write down in detail about purpose and components of quantitative analysis. (13 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 = 1856
 Surgical operations = 1250
 Number of deaths = 128
 Number of comorbidities = 228
 Number of complications = 118
 Nosocomial infection including post operative infections = 20
 Postoperative infections = 9
 Community acquired infections = 25
 (15 marks)
5. Write short notes on
 - 5A. Process approach.
 - 5B. Late fetal death rate.
 - 5C. Ratio. -
 - 5D. Potentially compensable events.
 - 5E. Census statistics.
 (2×5 = 10 marks)
6. Answer the following:
 - 6A. Briefly explain about utilization review process.
 - 6B. Enumerate various components of qualitative analysis.
 - 6C. Give an account of evolution of quality management system.
 (6×3=18 marks)



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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2005**SUBJECT: MEDICAL TERMINOLOGY – I**

Thursday, June 09, 2005

Time: 3 Hrs.

Max. Marks: 80

Answer ALL questions

1. Write down the correct meaning of the following prefixes with an example term:
a) Idio b) Dolicho c) Ambly d) Histo e) Ciner
f) Iso g) Juxta h) Myc i) Retro j) Semi.
(1½ × 10 = 15 marks)
2. Write down the correct meaning of the following Suffixes with an example term:
a) -eal b) -logy c) -pepsia d) -rrhea e) -plegia
f) -emesis g) -oma h) -ium i) -scopy j) -igo.
(1½ × 10 = 15 marks)
3. Write down the correct meaning of the following medical terms:
a) Ascultation b) Arthroplasty c) Wheezing d) Crepitus
e) Haemorrhage f) Dysuria. g) Nephrectomy h) Hydrophobia
i) Kyphosis j) Amaurosis.
(1 × 10 = 10 marks)
4. Write down the correct medical term for the following explanation:
4A. An immovable joint.
4B. Excision of bones of foot between ankle and toes.
4C. Under the knee cap.
4D. Subnormal temperature of the body which is under 36.6 degree centigrade.
4E. Bending into the inward position.
4F. Surgical dissection of cartilage.
4G. Surgery performed by hand is called.
4H. Being pregnant for more than one time.
4I. Excessive urination especially at night.
4J. Prediction of outcome of a disease condition.
(1 × 10 = 10 marks)
5. Briefly explain about:
a) Palpations b) Hepatitis – C c) Dextrocardia
d) Ostetitis deformans e) Pneumothorax.
(2 × 5 = 10 marks)
6. Answer the following:
6A. Enumerate various purpose of learning medical terminology?
6B. How do you distinguish between silicosis and siderosis?
6C. Define hernia and write about any two types of hernia?
6D. Identify the structures or organs that come under upper respiratory tract and lower respiratory tract?
(5 × 4 = 20 marks)

