MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2007

SUBJECT: MEDICAL RECORD SCIENCE/HEALTH INFORMATION - II

Tuesday, January 02, 2007

Time: 3 Hrs.   Max. Marks: 80

✍ **All Questions Are Compulsory.**

1. What is administration? Briefly describe the various management functions.

(1+9 = 10 Marks)

2. Briefly describe the day to day functions of medical records personnel.

(10 Marks)

3. What is medico-legal case? Mention the types of medico-legal case. Briefly describe the principles of disclosure of health information.

(1+2+7 = 10 Marks)

4. What is iner-department relationship? Briefly describe the inter-department relationship of medical records department to other departments of the hospital.

(1+9 = 10 Marks)

5. Explain the following terms.
5A. Daily inpatient census.
5B. Hospital inpatient.
5C. Live birth.
5D. Inpatient admission.
5E. Hospital fetal death.

(2×5 = 10 Marks)

6. Write short notes:
6A. Retention of medical records.
6B. Importance of statistics for a hospital.
6C. ICD – 10.
6D. SNOMED.
6E. Use of medical records in court of law.
6F. ICD-O.

(5×6 = 30 Marks)

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2007

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS
(COMMON FOR BOTH OLD & NEW REGULATIONS)
Wednesday, January 03, 2007

Time: 3 Hrs.   Max. Marks: 80

✍ **Answer ALL questions.**

1.   Explain briefly about medical record documentation analysis. Write down in detail about purpose and components of various types of medical record documentation analysis.

(15 marks)

2.   Write an essay on evolution of quality management concept and four levels in the evolution of Quality management.

(13 marks)

3.   Explain in detail about role of medical record professionals in Quality assurance program.

(12 marks)

4.   Calculate Gross autopsy rate, net autopsy rate and hospital autopsy rate (adjusted) using the data given below:
     Discharges (including death) = 1238
     Inpatient death (including 2 corner cases) = 58
     Outpatient death = 9
     Home care death = 7
     Inpatient autopsies = 15
     Outpatient autopsies = 3
     Home care autopsies = 2

(12 marks)

5.   Write short notes on:
5A. Vital statistics.
5B. Process compliance.
5C. Leadership.
5D. Prevalence rate.
5E. Ordinal data.

(2×5 = 10 marks)

6.   Answer the following:
6A. Briefly explain about under utilization and over utilization in organization wide quality assurance.
6B. What is occurrence screening? Mention any five examples for occurrence screening in a hospital.
6C. Distinguish between early, intermediate and late fetal death rates.

(6×3 = 18 marks)

MANIPAL ACADEMY OF HIGHER EDUCATIONS

(Deemed University)

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2007
SUBJECT: MEDICAL TERMINOLOGY – I
(COMMON FOR BOTH OLD AND NEW REGULATIONS)

Thursday, January 04, 2007

Time: 3 Hrs.   Max. Marks: 80

✎   **Answer ALL questions.**

1.   Write down the correct meaning of the following Prefixes with an example term

(1 ½ × 10 = 15 marks)

1A.   Cibo
1B.   Gymno
1C.   Hypn
1D.   Morph
1E.   Acu
1F.   Retro
1G.   Tachy
1H.   Contra
1I.   Epi
1J.   Intra

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

(1 ½ × 10 = 15 marks)

2A.   -algia
2B.   -scopy
2C.   -tripsy
2D.   -ician
2E.   -crine
2F.   -emia
2G.   -phonia
2H.   -lepsy
2I.   -oxia
2J.   -ose

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

(1 × 10 = 10 marks)

3A.   Atelectasis
3B.   Anosmia
3C.   Xanthoma
3D.   Cyanosis
3E.   Apnoea
3F.   Alveoli
3G.   Rhinoplasty
3H.   Laprohepatotomy
3I.   Spondylosis
3J.   Adenopathy

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

(1 × 10 = 10 marks)

4A. Inflammation of cervical vertebra.
4B. Plastic repair of lips.
4C. White discoloration of skin and hairs.
4D. Pain in one or more muscles.
4E. Painful wasting of muscles.
4F. Creation of an opening into common bile duct.
4G. Deficient oxygen in blood.
4H. Unequal vision of both eyes.
4I. The first part of the large intestine.
4J. A self produced condition is called.

5. Briefly explain about:

(2 × 5 = 10 marks)

5A. Emphysema.
5B. Panniculitis.
5C. Peptic ulcer.
5D. Xerostomia.
5E. Lochia.

6. Answer the following:

(5 × 4 = 20 marks)

6A. Discuss about the four word parts in a medical term.
6B. Distinguish between Wilson's disease and Brown lung disease.
6C. Write down any five surgical procedures performed on common bile duct.
6D. Define symptom with suitable examples.

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THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2007

SUBJECT: PATHOLOGY
(NEW REGULATION)

Friday, January 05, 2007

Time Available: 1½ Hours   Maximum Marks: 40

✍   **All questions are compulsory**

1.   Define anemia. Classify anemias. Mention the clinical features seen in anemia.

(2+5+3 = 10 marks)

2.   Write short notes on:

2A.   Fat necrosis.

2B.   Process of healing by secondary intention.

2C.   Fate of a thrombus.

2D.   Pulmonary tuberculosis.

2E.   Differences between benign and malignant tumor.

2F.   Pathogenesis of hypovolemic shock.

(5×6 = 30 marks)