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MANIPAL UNIVERSITY
THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008

SUBJECT: PATHOLOGY
(NEW REGULATION)

Tuesday, January 01, 2008

Time Available: 1½ Hours

Maximum Marks: 40

All questions are compulsory.

1. Define necrosis. Discuss the different types of necrosis with one example for each.

(2+8 = 10 marks)

2. Write short notes on:

2A. Spread of tumors.

2B. Fate of thrombus.

2C. Factors affecting wound healing.

2D. Hemophilia.

2E. Phagocytosis.

2F. Primary tuberculosis.

(5×6 = 30 marks)



MANIPAL UNIVERSITY
THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008

SUBJECT: HEALTH INFORMATION – II

Wednesday, January 02, 2008

Time: 3 Hrs.

Max. Marks: 80

All Questions Are Compulsory.

1. Define budget. Explain the factor to be considered for the planning of medical records department budget. Write the advantage of budget.

(1+5+4 = 10 marks)
2. Explain the roles of medical records professional in designing the patient information.

(10 marks)
3. What is subpoena? Write the types of subpoena. Mention the various procedures to be followed for the release of patient information in the court of law.

(1+2+7 = 10 marks)
4. "Good intradepartmental relationship is needed to achieve departmental goals and objectives". Explain.

(10 marks)
5. Write the formula of following:
 - 5A. Net autopsy rate.
 - 5B. Delivery and Caesarean rate.
 - 5C. Infection rate.
 - 5D. Anesthesia death rate.
 - 5E. Average daily census.

(2×5 = 10 marks)
6. Write the short notes:
 - 6A. Objectives of medical records department.
 - 6B. Delegation of authority.
 - 6C. Organizational level and span.
 - 6D. Standards of work performance.
 - 6E. Ownership of medical records.
 - 6F. ICPM.

(5×6 = 30 marks)



MANIPAL UNIVERSITY

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

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS (COMMON FOR BOTH OLD & NEW REGULATIONS)

Thursday, January 03, 2008

Time: 3 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1. Write in detail about various aspects of Utilization management and Credentialing in a Quality assurance program. (12 marks)
2. What are the two major types of medical record documentation analysis and write down in detail about characteristics, purpose and result of each one. (15 marks)
3. Explain about various role of and knowledge required for HIM professionals in health care statistics. (12 marks)
4. Calculate Net death rate and Gross death rate for each month and Total net death rate and gross death rate for entire period.

Month	Total number of admissions	Total no. of discharges excluding death	Death>48 hours	Death<48 hours
July	224	108	6	5
August	190	98	10	7
September	248	110	6	8
October	176	138	13	9
November	210	121	12	6

(13 marks)

5. Write short notes on
 - 5A. Histogram.
 - 5B. Total length of stay.
 - 5C. TQC.
 - 5D. Post operative death rate.
 - 5E. Complication rate.

(2×5 = 10 marks)

6. Answer the following
 - 6A. Give an account about evolution of quality management concept.
 - 6B. Explain about the importance of Medical audit in QA programs.
 - 6C. Explain about types of data with suitable examples.

(6×3 = 18 marks)



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MANIPAL UNIVERSITY
THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2008

SUBJECT: MEDICAL TERMINOLOGY – I
(COMMON FOR BOTH OLD AND NEW REGULATIONS)

Friday, January 04, 2008

Time: 3 Hrs.

Max. Marks: 80

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

- 1A. Toxi
- 1B. Oxy
- 1C. Narc
- 1D. Sapro
- 1E. Erythro
- 1F. Chroma
- 1G. Eti
- 1H. Im
- 1I. De
- 1J. Counter

(1½×10 = 15 marks)

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

- 2A. -culus
- 2B. -esis
- 2C. -lepsy
- 2D. -ptosis
- 2E. -rrhaphy
- 2F. -stalsis
- 2G. -tome
- 2H. -stenosis
- 2I. -gram
- 2J. -oid

(1½ × 10 = 15 marks)

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

- 3A. Lumbago
- 3B. Hemorrhage
- 3C. Pallor
- 3D. Tachycardia
- 3E. Venoanastomosis
- 3F. Corometer

- 3G. Coxaplane
- 3H. Halitosis
- 3I. Angioma
- 3J. Iliofemoral

(1×10 = 10 marks)

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

- 4A. Surgical removal of urethra.
- 4B. Narrowing of aorta.
- 4C. Presence of toxin in the blood.
- 4D. A small, flexible tube with a light and a lens on the end.
- 4E. Excessive vomiting.
- 4F. Plastic repair of glans penis.
- 4G. A membranous sac enclosing the heart.
- 4H. Production of bone tissues.
- 4I. A fold in the lining of an organ that prevents fluid from flowing backward.
- 4J. Sudden attack of seizures.

(1×10 = 10 marks)

5. Briefly explain about:

- 5A. Reflex.
- 5B. Sneezing.
- 5C. Zollinger-Ellison syndrome.
- 5D. Pituitary gland.
- 5E. Proctalagia fugax.

(2×5 = 10 marks)

6. Answer the following:

- 6A. Construct five meaningful medical terms using the stem word 'hyster (o)'.
- 6B. Briefly describe about prefixes and suffixes.
- 6C. Identify any five stem word related to digestive system with example medical terms.
- 6D. Write a short note on Hernia.

(5×4 = 20 marks)

