

Reg. No.										
----------	--	--	--	--	--	--	--	--	--	--

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: PATHOLOGY

Monday, June 07, 2010

Time: 10:00 – 11:30 Hrs.

Maximum Marks: 40

1. Describe the factors influencing thrombosis. Write in brief on the fate a thrombus.
(4+4 = 8 marks)
2. Define inflammation. Describe the cellular events of acute inflammation.
(1+6 = 7 marks)
3. **Write short notes on:**
 - 3A. Aetiology and laboratory investigations of vitamin B12 deficiency anemia.
 - 3B. Primary tuberculosis.
 - 3C. Factors affecting wound healing.
 - 3D. Dysplasia and metaplasia.
 - 3E. Necrosis.

(5×5 = 25 marks)



Reg. No.

MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: HEALTH INFORMATION – II

Wednesday, June 09, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☞ **All questions are compulsory.**

1. What is controlling? Write the importance of it. How the standard of work performance can be measured? Explain.

(1+4+10 = 15 marks)

2. Define medical records administrator as per AHIMA. Discuss briefly about the functions of medical records administrator in respect to education, direct care institution and commerce.

(1+14 = 15 marks)

3. Explain briefly about the inter-department relationship of medical records department with medical staff, personnel, data processing unit, admitting office and Dietary.

(15 marks)

4. Define the following terms:

- 4A. Average length of stay
4B. Net death rate
4C. Anesthesia death rate
4D. Late fetal death
4E. Caesarean section rate
4F. Child bed capacity
4G. Hospital live birth
4H. Child and adult bed capacity

(2+2+2+2+2+1+2+2 = 15 marks)

5. Write Short Notes on:

- 5A. Common methods of establishing standard
5B. Leadership behavior
5C. ICHPPC
5D. RFV classification.

(5×4 = 20 marks)



MANIPAL UNIVERSITY

THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010

SUBJECT: QUALITY ASSURANCE IN HEALTH AND HOSPITAL STATISTICS

Friday, June 11, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

1. What are the required characteristics for documentation in Medical record? Explain in detail about importance of documentation in medical record related to documentation analysis. (13 marks)
2. Write in detail about various aspects of utilization review process in quality assessment. (12 marks)
3. Explain about types of data and data display with suitable examples. (15 marks)
4. Calculate early fetal death rate, intermediate fetal death rate and late fetal death rate using the data given below.

Month	Total births	Fetal death less than 20 weeks gestation	Fetal death between 21 and 28 weeks of gestation	Fetal death above 28 weeks of gestation
March	156	5	6	2
April	189	4	8	1
May	169	3	5	3
June	115	3	4	4

(12 marks)

5. Write short notes on:

- 5A. Length of stay.
- 5B. Bar graph.
- 5C. Medical audit.
- 5D. Quality Design
- 5E. Incidence rate.

(2×5 = 10 marks)

6. Answer the following:

- 6A. Distinguish between the characteristics of Qualitative and Quantitative analysis.
- 6B. What is risk management? Briefly explain about its components.
- 6C. Enumerate the principles of Quality management with brief explanation.

(6×3 = 18 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2010****SUBJECT: MEDICAL TERMINOLOGY – I**

Monday, June 14, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

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

- 1A. Sinistero
- 1B. Prim
- 1C. Rube
- 1D. Ad
- 1E. Hetro
- 1F. Crypto
- 1G. Olig
- 1H. Pan
- 1I. Therm
- 1J. Pyo

($1\frac{1}{2} \times 10 = 15$ marks)

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

- 2A. -al
- 2B. -cle
- 2C. -atrasia
- 2D. -tion
- 2E. -agra
- 2F. -megaly
- 2G. -phobia
- 2H. -pnea
- 2I. -phylaxis
- 2J. -malacia

($1\frac{1}{2} \times 10 = 15$ marks)

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

- 3A. Proctoscopy
- 3B. Hiccough
- 3C. Enuresis
- 3D. Syncope
- 3E. Neuroma
- 3F. Diaphoretic

- 3G. Chorea
- 3H. Dysphasia
- 3I. Cholelithiasis
- 3J. Ptylectosis

(1×10 = 10 marks)

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

- 4A. Accumulation of lymph in soft tissues.
- 4B. Surgical reconstruction of the urinary bladder.
- 4C. Condition of being soft.
- 4D. Excess fat in the stool and loose, greasy and foul bowel movements.
- 4E. Denoting to normal sensation.
- 4F. Plastic repair of ureter and renal pelvis.
- 4G. Depression of the lodgment of tonsil.
- 4H. The area between the chest and the hips.
- 4I. Tumor consist of fibrous tissue.
- 4J. Presence of excess of carbon dioxide in the blood.

(1×10 = 10 marks)

5. Briefly explain about:

- 5A. Brown lung disease
- 5B. Granulomatous enteritis
- 5C. Gilbert syndrome
- 5D. Steatorrhea
- 5E. Torticollis

(2×5 = 10 marks)

6. Answer the following:

- 6A. Write a short note on hepatitis and its important types.
- 6B. Identify the organs come under upper respiratory tract and lower respiratory tract.
- 6C. Mention any five surgical procedures of plastic repair category.
- 6D. Distinguish between cystic fibrosis and emphysema.

(5×4 = 20 marks)

