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**MANIPAL UNIVERSITY**  
**THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2007**

**SUBJECT: PATHOLOGY**  
**(NEW REGULATION)**

Thursday, June 07, 2007

Time Available: 1½ Hours

Maximum Marks: 40

**☞ All questions are compulsory**

1. Define neoplasia. Give differences between benign and malignant tumours with examples.  
(2+6+2 = 10 marks)

2. Write short notes on:

2A. Classification of anemia.

2B. Types of shock with examples.

2C. Classification and features of leprosy.

2D. Phagocytosis in inflammation.

2E. Factors influencing wound healing.

2F. Liquefactive necrosis.

(5×6 = 30 marks)



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**MANIPAL UNIVERSITY**  
**THIRD SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2007**

**SUBJECT: HEALTH INFORMATION – II**

Friday, June 08, 2007

Time: 3 Hrs.

Max. Marks: 80

**All Questions Are Compulsory.**

1. What is planning? Briefly describe the types of planning with suitable examples.  
(1+9 = 10 marks)
2. Explain the various functions of medical records administrator.  
(10 marks)
3. What is intra-department relationship? Briefly describe the intra-departmental relationship of medical records department.  
(1+9 = 10 marks)
4. Briefly describe the various nomenclature used in modern healthcare practice.  
(10 marks)
5. Write the formula of the following:
  - 5A. Average daily inpatient census.
  - 5B. Average length of stay.
  - 5C. Net death rate.
  - 5D. Hospital infection rate.
  - 5E. Autopsy rate.(2×5 = 10 marks)
6. Write the short notes of the following:
  - 6A. Standard of work performance.
  - 6B. Confidentiality of health information.
  - 6C. CPT.
  - 6D. Leadership behavior.
  - 6E. Organization chart of medical records department.
  - 6F. Budget.(5×6 = 30 marks)



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## MANIPAL UNIVERSITY

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

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

Saturday, June 09, 2007

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL questions.

1. What is quality assurance? Explain in detail about various components of quality assurance. (15 marks)
2. Write down in detail about various principles of quality management. (12 marks)
3. Define qualitative analysis and write in detail about various components of it. (12 marks)
4. In a hospital during the month of June total discharges excluding death = 3200, total deaths = 350, total bed count = 12000, Inpatient service days = 11280 and an average length of stay = 3.8 were reported. Calculate Bed turn over rate (using direct and indirect formula) for the given period. (13 marks)
5. Write short notes on:
  - 5A. Rate.
  - 5B. Continual improvement.
  - 5C. Total infection rate.
  - 5D. Days of stay.
  - 5E. Mode.(2×5 = 10 marks)
6. Answer the following:
  - 6A. Briefly explain about review of necessary reports in quantitative analysis.
  - 6B. Explain about organization and operation of risk management program.
  - 6C. Give an account on types of data with suitable examples. (6×3 = 18 marks)



