

[LB 1012]

OCTOBER 2012

Sub. Code: 2034

**MBA HOSPITAL AND HEALTH SYSTEM  
MANAGEMENT DEGREE EXAMINATION  
FIRST YEAR**

**(for candidates 2011 – 2012 onwards)**

**PAPER IV – BASIC OF MEDICAL SCIENCES AND EPIDEMIOLOGY IN  
MEDICAL AND HEALTH SYSTEM MANAGEMENT**

*Q.P. Code : 432034*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

**Pages Time Marks  
(Max.)(Max.)(Max.)**

- |   |    |    |    |
|---|----|----|----|
| 1. Explain in detail concepts of prevention, highlighting various levels of prevention. | 17 | 40 | 20 |
| 2. Describe in detail structure and functions of digestive system.                      | 17 | 40 | 20 |

**II. Write notes on :**

- |  |   |    |   |
|--|---|----|---|
| 1. Infant Mortality rate.                          | 4 | 10 | 6 |
| 2. Types of screening.                             | 4 | 10 | 6 |
| 3. Case control studies.                           | 4 | 10 | 6 |
| 4. Functions of blood.                             | 4 | 10 | 6 |
| 5. Cold chain.                                     | 4 | 10 | 6 |
| 6. Pituitary gland.                                | 4 | 10 | 6 |
| 7. Water Pollution.                                | 4 | 10 | 6 |
| 8. Malaria.  | 4 | 10 | 6 |
| 9. Sterilization methods for control of infection. | 4 | 10 | 6 |
| 10. Census.  | 4 | 10 | 6 |

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[LC 0413]

APRIL 2013

Sub. Code: 2034

**MBA HOSPITAL AND HEALTH SYSTEM  
MANAGEMENT DEGREE EXAMINATION  
FIRST YEAR**

**(for candidates 2011 – 2012 onwards)**

**PAPER IV – BASIC OF MEDICAL SCIENCES AND EPIDEMIOLOGY IN  
MEDICAL AND HEALTH SYSTEM MANAGEMENT**

*Q.P. Code : 432034*

**Time : 3 hours**

**Maximum : 100 marks**

**I. Elaborate on :**

**(2x20=40)**

1. Describe in detail parts of respiratory system and explain respiratory cycle.
2. Classify different type of Epidemiological studies and explain briefly each one of them.

**II. Write notes on :**

**(10x6=60)**

1. Case Fatality rate.
2. Indicators of health.
3. Causes of Blindness.
4. Functions of Skin.
5. Blood Pressure.
6. AIDS.
7. Air Pollution.
8. Cholera.
9. Asepsis in Operating theatre.
10. Reflex arc

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[LD 1013]

OCTOBER 2013

Sub. Code: 2034

MBA (HOSPITAL & HEALTH MANAGEMENT) DEGREE EXAMS

FIRST YEAR

(CANDIDATES ADMITTED 2011 – 2012)

PAPER IV – BASIC OF MEDICAL SCIENCES AND EPIDEMIOLOGY IN  
MEDICAL AND HEALTH SYSTEM MANAGEMENT

Q.P. Code: 432034

Time: Three hours

Maximum: 100 Marks

Answer All questions

I Elaborate on:

(2x20 =40)

1. Describe Environment and Health Pollution? Explain Management of Hospital waste, Operation theatre, laundry and Hospital Kitchen?
2. Name the Communicable and Non Communicable disease? Write briefly about HIV/AIDS and National Control programme of AIDS?

II. Write Short notes on:

(10 x 6 = 60)

1. Structure of Digestive system.
2. Measures of mortality
3. Write notes on Excretory system.
4. Determinants of Health.
5. Epidemiological Triad.
6. Demographic cycle.
7. Air Pollution.
8. Malaria.
9. Universal Precaution – Health care workers
10. Nosocomial Infections

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[LF 1014]

OCTOBER 2014

Sub.Code :2034

**MBA (HOSPITAL & HEALTH MANAGEMENT) DEGREE EXAMS  
FIRST YEAR  
(2011-2012 Batch onwards)  
PAPER IV – BASICS OF MEDICAL SCIENCES AND EPIDEMIOLOGY  
IN MEDICAL AND HEALTH SYSTEM MANAGEMENT**

*Q.P. Code: 432034*

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define hypertension and the various preventive and curative measures and its epidemiological relevance.
2. Define nosocomial infections. Explain the various methods of hospital infection control and its importance in hospitals.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Chicken pox
2. Diabetes mellitus
3. Classification of hospital wastes
4. National family planning programme
5. Demographic cycle
6. Coronary artery disease
7. Determinants of health
8. Uses of epidemiology
9. Koch's postulates
10. Hand-washing techniques

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