

[LN 1018]

OCTOBER 2018

Sub. Code: 5025

MASTER OF HOSPITAL ADMINISTRATION EXAMS
(Regulations for the candidates admitted from 2017-2018)
FIRST YEAR
PAPER V – PRINCIPLES OF EPIDEMIOLOGY AND COMMUNITY
MEDICINE

Q.P. Code : 435025

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Describe the steps of our break investigation.
b) Define Incubation period and generation time.
c) Illustrate and write a brief note on chains of transmission.
2. a) Describe the stages of demography cycle.
b) List the vital statistics and fertility indicators of demography.
c) Classify the approved methods of contraception in RMCHA+ program.
d) Write a note on intrauterine contraceptive devices.

II. Write notes on:

(10 x 6 = 60)

1. Write a note on carriers with respect to Infectious disease epidemiology.
2. Describe the different measures of disease frequency.
3. Write a note on epidemiological triad of disease and explain in brief about agent host interaction.
4. Write a note on Bradford Hill's criteria of causation.
5. Write a note on International Classification of Diseases.
6. Categorization of dog bites and its management to prevent rabies.
7. List the different methods of emergency contraception.
8. Write a note on National Health Policy.
9. Illustrate and describe natural history of disease.
10. Explain the epidemiology and prevention of measles.

[LP 1019]

OCTOBER 2019

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MASTER OF HOSPITAL ADMINISTRATION EXAMS
(Regulations for the candidates admitted from 2017-2018)
FIRST YEAR
PAPER V – PRINCIPLES OF EPIDEMIOLOGY AND COMMUNITY
MEDICINE

Q.P. Code : 435025

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define intervention. List the various modes of intervention and explain in detail.
2. What are the types of analytical epidemiological study? Describe the steps involved in the case-control study.

II. Write notes on:

(10 x 6 = 60)

1. Disability Adjusted Life years (DALY).
2. Natural history of measles.
3. Sanitation barrier.
4. Sensitivity & Specificity.
5. Benefits of ESI Scheme.
6. Functions of world health organization.
7. Sampling Methods.
8. Changing concepts in Public Health.
9. Integrated approach in vector control.
10. Health Hazards of health-care waste.

[LQ 1019]

NOVEMBER 2020
(MAY 2020 EXAM SESSION)

Sub. Code: 5025

MASTER OF HOSPITAL ADMINISTRATION
(New Regulations for the candidates admitted from A Y 2017-2018)
FIRST YEAR
PAPER V – PRINCIPLES OF EPIDEMIOLOGY AND COMMUNITY MEDICINE

Q.P. Code : 435025

Time : Three hours

Maximum : 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Define Primary Health Care. Describe briefly the principles and elements of Primary Health Care.
2. Discuss in detail the steps involved in conducting a Cohort study. Mention the advantages and disadvantages of Cohort study.

II. Write notes on: (10 x 6 = 60)

1. Disability limitation.
2. Network Analysis.
3. Monitoring and Surveillance.
4. Enumerate the principles of Health Education.
5. Normal Distribution Curve.
6. Enlist the Rights of the patient.
7. Warning signals of Poor Mental Health.
8. Medical Social Worker.
9. Services of United Nations International Children's Emergency Fund (UNICEF).
10. What is Consumer Protection Act?

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 5025

(OCTOBER 2020 EXAM SESSION)

MASTER OF HOSPITAL ADMINISTRATION (AHS)

FIRST YEAR (Admitted in 2017-2018)

PAPER V – PRINCIPLES OF EPIDEMIOLOGY AND COMMUNITY MEDICINE

Q.P. Code : 435025

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the types of descriptive and analytical epidemiological study? Describe the steps of a cohort study in detail. What are the advantages and disadvantages of a cohort study. (5+10+5)
2. Natural history of Measles. Prevention and control of Measles. How will you investigate an outbreak of measles? (6+8+6)

II. Write notes on:

(10 x 6 = 60)

1. Validity of a screening test.
2. Primary health care center.
3. Definition and dimensions of health.
4. Biomedical waste management.
5. Stages of demographic cycle.
6. Types of carriers with examples.
7. Natural history of Dengue.
8. Randomised controlled trial.
9. National population policy 2000.
10. Factories act.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 5025

**MASTER OF HOSPITAL ADMINISTRATION (AHS)
FIRST YEAR (Candidates admitted in 2020-2021)
PAPER V – COMMUNITY MEDICINE
Q.P. Code : 435025**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the various steps in conducting a cohort study. Add a note on advantages and disadvantages of cohort study.
2. Explain the various treatment and disposal technologies for health care waste. Add a note on biomedical Waste Management Rules.

II. Write notes on:

(10 x 6 = 60)

1. Spectrum of health.
2. Dimensions of health.
3. Odds ratio.
4. Herd immunity.
5. Post exposure prophylaxis.
6. Risk factors for diabetes mellitus.
7. Barrier method of contraception.
8. Prevention and control of radiation hazards.
9. Principles of Primary Health Care.
10. National Health Policy 2017.
