

March-1990

195

M.D. DEGREE EXAMINATION, MARCH 1990.

Community Medicine

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH

Time : Three hours.

Answer ALL the questions.

1. Give your comments on the 'Human Ecology' and 'Changing Processes' in Human Health. What preventive measures in general would you recommend to modify the social system to improve the quality of life for better health?
 2. Write briefly on :
 - (a) Analytical epidemiology.
 - (b) Standard Deviation.
 - (c) Vitamin A Deficiency.
 - (d) Dimensions of growth and development.
 3. How would you organise a lecture on 'Primary Health Care' for the under-graduate Medical Students? Give details.
 4. Write short notes on :
 - (a) Genetic counselling.
 - (b) Sex Education.
 - (c) Bhore Committee Report.
 - (d) Primary Health Centres.
-

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH BASIC
SCIENCES

Time : Three hours.

Answer ALL the questions.

1. Discuss the causative factors for Air Pollution in India. How will you monitor and control air pollution ?
 2. Write briefly on :
 - (a) Food toxins.
 - (b) Tests of significance in statistics.
 - (c) Demographic cycles.
 - (d) Standards for drinking water.
 3. Define the term culture. Give an account of the role of socio-cultural factors affecting health and disease.
 4. Write short notes on :
 - (a) Vital statistics.
 - (b) Insecticide resistance.
 - (c) Fluorosis.
 - (d) Nosocomial Infections.
-

March-1991

M.D. DEGREE EXAMINATION, MARCH 1991.

(New Regulations)

Branch XV — Community Medicine

Part I

Paper I — TROPICAL MEDICINE AND PUBLIC HEALTH

Time : Three hours.

Maximum : 100 marks.

Answer ALL the questions.

1. Discuss the role of sociocultural factors which affect the Nutritional Status of Community. Recommend specific measures to improve the Nutritional Status of the Community.
 2. Discuss the role of the family in a person's health. How can social stress contribute to deviant behaviour in a person ?
 3. Write short notes on :
 - (a) Integrated vector control.
 - (b) Soil transmitted helminths.
 - (c) Barriers to effective communication.
 - (d) Child guidance clinic.
 - (e) Latrine use in rural areas.
-

M.D. DEGREE EXAMINATION, SEPTEMBER 1991.

(New Regulations)

Branch XV — Community Medicine

Part I

Paper I — TROPICAL MEDICINE AND PUBLIC HEALTH

Time : Three hours.

Maximum : 100 marks.

Answer ALL the questions.

1. Describe the classification and management of Leprosy. Discuss the importance of health education in Leprosy Control. (25 marks)
 2. Discuss two major tropical public health problems and your suggestions for tackling them. (25 marks)
 3. Write short notes on :
 - (a) Sanitation barrier.
 - (b) Trachoma.
 - (c) ORT.
 - (d) Biological vector control.
 - (e) Larva migrans. (5 × 10 = 50 marks)
-

March-1992

M.D. DEGREE EXAMINATION, MARCH, 1992

Branch: XV - COMMUNITY MEDICINE

Part I - TROPICAL MEDICINE AND PUBLIC HEALTH BASIC SCIENCES
(OLD/NEW REGULATIONS)

Time: Three hours

Maximum Marks: 100

Describe the Epidemiological Model for evaluation
of Tuberculosis control programme in India.

(25 Marks)

Review Filariasis problem in India from Independence
upto 1991 in our country.

(25 Marks)

Write short notes:

1. Control of Human Dracunculosis.
2. Coefficient of Correlation.
3. Mathematical model of a communicable Disease.
4. Base-line survey giving an illustration.
5. Anti-genic drift in Influenza.

(5 X 10 =50)

September-1992

M.D. DEGREE EXAMINATION, SEPTEMBER 1992

Branch XV - Community Medicine

PART I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time: Three hours Maximum:100 marks

Answer ALL questions

1. What is the current status of Plague and Guinea-worm endemicity in India? Describe the measures adopted for their prevention/control/eradication. (25 marks)
 2. Define 'Zoonoses'. Discuss the epidemiology of Leptospirosis and the control measures needed in an outbreak of this disease. (25 marks)
 3. Write short notes on:
 - (a) Brugi malayi infectioin in India
 - (b) Ring immunization under UIP in Tamilnadu
 - (c) Poisson distribution
 - (d) JE vectors and their bionomics
 - (e) HIV - I&II (5x10=50 marks)
-

M.D. DEGREE EXAMINATION, MARCH 1993

Branch XV — Community Medicine

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH BASIC
SCIENCES

(Old/New Regulations)

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

Discuss the differences between Sociometry and Program. Describe the role of family in health and disease. (25 marks)

Describe the role of Anophles culicifacies, sibling species and malaria transmission in India? (25 marks)

Write short notes on :

- (a) Stochastic models in preventive medicine.
- (b) Standardized death rate.
- (c) Genetic markers.
- (d) Social marketing in health care.
- (e) Demographic gap.

(5 × 10 = 50 marks)

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Old/New Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH

BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of cultural practices in Health and disease. (25)
 2. How would you organise a Lecture on AIDS for the undergraduate medical students ?
 3. Write short notes on :
 - (a) Mendelian diseases
 - (b) Role of Health education in implementation of Nutritional programmes.
 - (c) Co-relation and Regression.
 - (d) Lathyrism.
 - (e) Thermal comfort. (5×10=50)
-

M.D. DEGREE EXAMINATION

Branch XV — Community Medicine

(Old/New/Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. What do you understand by the term 'social diseases'? Explain with examples the role of social factors in causation, treatment and prevention of any two diseases of public health importance. (25)
2. How would you organise a lecture on epidemiology and control of kala-azar for the undergraduate Medical Students? Give details. (25)
3. Write short notes on :
 - (a) ELISA.
 - (b) Ionising Radiation.
 - (c) Community Health Volunteer's Scheme.
 - (d) Genetic counselling.
 - (e) Stress diseases in affluent society.

(5×10=50)

April-1995

M.D. DEGREE EXAMINATION.

Branch XV -- Community Medicine

(Old/New/Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH

BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Describe briefly the social science techniques used in Public Health research. (25)

Discuss the rôle of trace elements in health and disease. (25)

Write short notes on :

- (a) Tests of significance.
- (b) Man induced Filariasis.
- (c) I.C.D.S.
- (d) Noise hazards.
- (e) Picorna Virus.

(5 × 10 = 50)

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Old/New/Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

What are the Health problems associated with industrialisation and urbanisation? Discuss the principles of their control. (25)

What are the various causes of undernutrition in India? Apply different levels of prevention and describe the control of undernutrition in India. (25)

Write short notes on : (5 × 10 = 50)

- (a) Fortification and enrichment of food.
 - (b) Methods of statistical sampling.
 - (c) Indices of thermal comfort.
 - (d) Integrated vector control.
 - (e) Genetic counselling.
-

PK 154

M.D. DEGREE EXAMINATION
Branch XV - Community Medicine
(Old/New/Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe briefly the in vivo and in vitro tests for assessing chloroquine sensitivity of *P.Falciparum* species and discuss the treatment schedules available for such infections. (25)
2. Describe the epidemiology of scrub typhus in India; explain the vector bionomics and control measures for this disease. (25)
3. Write briefly on:
 - (a) Student 't' test and Yate's correction
 - (b) Poisson distribution and criteria for its application in Public Health Practice
 - (c) DEC medicated salt trials in India
 - (d) Nomogram and effective temperature chart
 - (e) HDCV and Vero cell vaccine and their vaccination schedules for rabies post exposure prophylaxis.

(5x10=50)

MP 174

M.D. DEGREE EXAMINATION

Branch XV - Community Medicine

(Revised Regulations)

Part I

Paper I - TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss how social gradients affect health and disease. Illustrate your answer with suitable examples. (25)
2. Discuss the role of vectors in disease transmission. What are the principles of vector control? (25)
3. Write briefly on:
 - (a) Diet therapy
 - (b) Non-formal education
 - (c) Industrial-Psychosis
 - (d) School health
 - (e) Acculturation.

(5x10=50)

[SM 183]

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of "Life Style" in etiology of diseases and suggest suitable preventive measures. (25)
 2. How do you assess the impact of environmental health with particular reference to soil and air? (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Community based screening for Cardio-Vascular disorders of childhood.
 - (b) Mosquito control through bacteriae.
 - (c) Group dynamics.
 - (d) 30 cluster sampling technique of W.H.O.
 - (e) Socio cultural factors affecting mosquito-borne diseases.
-

April-1999

[SG 183]

Sub. Code : 2057

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Revised Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the recent trend in H.I.V. infections and work out a strategy for control of A.I.D.S. (25)
 2. Discuss the principles of adult learning and how they differ from child learning. (25)
 3. Write briefly on :
 - (a) *Vibrio cholerae* O13 g Bengal
 - (b) Nutritional rehabilitation of children under primary health care
 - (c) Meta analysis
 - (d) Sources of health statistics
 - (e) Thermal comfort. (5 × 10 = 50)
-

[KA 183]

Sub. Code : 2057

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the epidemiology of Tuberculosis, bringing out its significance in view of the AIDS epidemic in India. Mention the reasons for the emergence of multi drug resistant tuberculosis. Bring out the salient features of DOT therapy in tuberculosis control. (25)

2. 'Malaria is a disease of progress and development'. Critically analyse this statement with special reference to the changing epidemiological features of malaria in India. Discuss in detail the Bio-environmental control strategy for malaria. (25)

3. Write briefly on :

(50)

- (a) Correlation coefficient
- (b) International Classification of Diseases
- (c) HIV positivity and breast feeding
- (d) Dietary fibre and cancer
- (e) Revised population policy.

[KB 183]

Sub. Code : 2087

M.D. DEGREE EXAMINATION.

(Old/New/Revised Regulations)

Branch XV — Community Medicine

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the importance of Income Generation Programmes in Public Health. (25)
 2. Describe the epidemiology and preventive measures of Japanese Encephalitis. Mention the epidemiological surveillance procedure in Japanese Encephalitis. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Gantt chart
 - (b) Coefficient of variation
 - (c) Child placement
 - (d) Baby friendly hospital initiative
 - (e) Motivation.
-

[KC 183]

Sub. Code : 2087

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(All Regulations)

Part I

TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify the Disease Vectors. Describe the methods of Transmission and the various vector control measures. (25)
 2. Discuss the Management and Prophylaxis in a Dog bite case. How will you organise Rabies control in a town with 50,000 population? (25)
 3. Write short notes on :
 - (a) Social security
 - (b) Gene therapy
 - (c) Tests of significance
 - (d) Noise pollution
 - (e) Drug abuse. (5 × 10 = 50)
-