

M.D. DEGREE EXAMINATION, MARCH 1991.

Branch XV — Community Medicine

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Answer ALL the questions.

1. Discuss the role of universal salt iodization in the National Goitre Control Programme. Outline the other important aspects of the Programme.
 2. Give a detailed plan for the management of Health of tribal population in a district in your state.
 3. Write briefly on :
 - (a) Sero-epidemiology.
 - (b) School Meal Programmes.
 - (c) W.H.O.
 - (d) Urban Rabies.
 - (e) Perinatal Mortality Rate.
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M.D. DEGREE EXAMINATION, SEPTEMBER 1991.

Branch XV — Community Medicine

Part. II

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Maximum : 100 marks.

Answer ALL the questions.

1. Give the historical review of the development of 'Public Health and Community Medicine' as a subject in the medical education. What suggestions would you make to change the health care system by reviewing the developments in India? (25 marks)

2. Discuss the epidemiological determinants in the transmission of leprosy. Keeping these in view, what modifications would you make in the National Leprosy Control Programme by analysing the basic principles of epidemiology? (25 marks)

3. Write short notes on:

- (a) Safe water and its supply and consumption
- (b) Customs related to health care in Tamil Nadu
- (c) Enumerate the Basic Services as applied in Primary Health Care
- (d) Mode of transmission of sexually transmitted Diseases and their prevention
- (e) Malaria Vaccine (15 or 10 = 50 marks)

M.D. DEGREE EXAMINATION, SEPTEMBER 1992

Branch XV - Community Medicine

PART II

Paper I - COMMUNITY MEDICINE

Time: Three hours Maximum: 100 marks

Answer ALL questions

1. Discuss the National Health Policy of 1983 and the role of Nongovernmental organisations in the provision of Primary Health Care as recommended therein. (25 marks)
 2. Discuss the epidemiological determinants in the transmission of AIDS; suggest various Health Education measures for improved AIDS surveillance and for its prevention and control. (25 marks)
 3. Write short notes on:
 - (a) Hardy-Weinberg Equilibrium
 - (b) Incubation Interval
 - (c) Type I reaction and its treatment under NLEP
 - (d) Biotype and Serotype
 - (e) Anophelism sans malaria(5x10=50 marks)
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M.D. DEGREE EXAMINATION, MARCH 1993.

Branch XV — Community Medicine

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Review the investments and achievements in the health sector by the Five Year Plans in India. (25 marks)
2. What is meant by health pyramid concept ? Discuss the importance of health, man power development in relation to man power planning, production and utilisation. (25 marks)
3. Write short notes on :
 - (a) Anova.
 - (b) Estimation of nitrites in a given sample of water.
 - (c) Antigenic variations in salmonella.
 - (d) Mylasis.
 - (e) Green house effect.

(5 × 10 = 50 marks)

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Old/New Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Maximum : 100 marks

Answer ALL questions.

1. Discuss the evaluation, success and short comings of National Tuberculosis control programme in India. (25)
 2. Discuss the health and nutritional problems of tribal population and mention what could be done to improve the same. (25)
 3. Write short notes on :
 - (a) Prostaglandins.
 - (b) Drug Abuse.
 - (c) Human Diploid Cell Vaccine.
 - (d) Kaposi's Sarcoma.
 - (e) Disaster Organization. (5 × 10 = 50)
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April-1994

[VM 1108]

M.D. DEGREE EXAMINATION

Branch XV — Community Medicine

(Old/New Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Discuss the epidemiology and control measures of preventable blindness in India. Comment on our National Programme for control of blindness. (25)
 2. Comment on Nomadic health care. What steps will you take to organise health care for such a group in your state ? (25)
 3. Write short notes on :
 - (a) Picorna virus.
 - (b) 30 cluster approach for vaccination coverage evaluation (VCE) surveys in U.I.P.
 - (c) Nutritional Rehabilitation.
 - (d) Spot Maps.
 - (e) Double Blind clinical trial. (5 × 10 = 50)
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M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine.

(Old/New Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the Etiopathogenesis and present status of Iodine deficiency disorders (IDD) as a public health problem in India and briefly discuss the various aspects of the control and prevention of Endemic Goitre on a community basis. (25)
 2. Mention briefly the various significant events in the history of public health in the post-independence era. (25)
 3. Write short notes on :
 - (a) Indicators of quality of life.
 - (b) Salk and Sabin vaccines.
 - (c) Epidemiological triad.
 - (d) Mental health.
 - (e) Zoonosis. (5 × 10 = 50)
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M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Old/New/Revised Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Describe the applications of the various methods of management in Health Services. (25)

Discuss the common causes of Blindness in India. Describe the measures for the prevention and control of blindness under the National Blindness Control Program. (25)

Write short notes on : (5 x 10 = 50)

- (a) Quarantine, isolation and Segregation.**
- (b) Cohort studies.**
- (c) Dental Health.**
- (d) Essential Drugs concept.**
- (e) Short term chemotherapy in tuberculosis.**

October-1996

PK 155

M.D. DEGREE EXAMINATION
Branch XV - Community Medicine
(Old/New/Revised Regulations)
Part II
Paper I - COMMUNITY MEDICINE

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the evolution of community medicine from 'Hygiene' justifying various terminologies it has undergone during this process. (25)
2. Trace the events which ultimately led to certain diseases being subjected to International Health Regulations. How do International Health Regulations operate when planes and ships from Yellow Fever areas are to land in Indian ports? (25)
3. Write briefly on:
 - (a) Ozone Hole and its possible consequences
 - (b) Metazoonosis
 - (c) Minamata disease
 - (d) Temperature inversion and its effects
 - (e) Ambispective Cohort studies.

(5x10=50)

M.D. DEGREE EXAMINATION

Branch XV - Community Medicine
(Revised Regulations)

Part II

Paper I - COMMUNITY MEDICINE

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the aetiopathogenesis and present status of Vitamin A deficiency as a community health problem in India. Discuss the various aspects in the control and prevention of Vitamin A deficiency on a community basis.
(25)
2. Describe the factors responsible for high maternal mortality in India. Describe the various measures implemented to reduce the same with your critical review. (25)
3. Write briefly on:
 - (a) Ventilation improved pit latrine
 - (b) Sex ratio
 - (c) Health parade in schools
 - (d) Iceberg phenomena
 - (e) Protection of water sources by the community.

(5x10=50)

October-1997

MS 173

M.D. DEGREE EXAMINATION
Branch XV - Community Medicine
(Revised Regulations)
Part II
Paper I - COMMUNITY MEDICINE

Time: Three hours

Max. marks: 100

Answer All Questions

1. What are the principles of Primary Health Care? Discuss the application of those principles of Primary Health Care with suitable examples. (25)
2. Review the global situation of AIDS and identify the measures of protection of health workers against AIDS. (25)
3. Write briefly on:
 - (a) Preventable blindness
 - (b) Universal Immunisation Programme Coverage Evaluation Survey
 - (c) Screening tests
 - (d) Nosocomial infections
 - (e) Control of drug abuse.

(5x10=50)

[SM 184]

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(All Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define 'pre-pathogenic phase'. What all preventive interventions are possible in the pre-pathogenic phase of the occupational diseases? (25)
 2. What are the possible ways of testing the hypothesis : "The use of condoms is associated with a fall in the incidence of AIDS?" What are their relative advantages and disadvantages? (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Reactions of chlorine with water and impurities present in it.
 - (b) Current status of guinea worm infestation in India.
 - (c) MOTT organisms.
 - (d) The recycling of waste products.
 - (e) The management information system.
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[SG 184]

Sub. Code : 2058

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Revised Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What are the important risk factors for cardiovascular diseases? Give community based strategy to prevent cardiovascular diseases. (25)
 2. What are screening tests? How do you adopt screening strategies to screen anemias in Pregnancy? (25)
 3. Write briefly on :
 - (a) Disease surveillance
 - (b) Uses of incubation period
 - (c) Uses of descriptive epidemiology
 - (d) Socialised medicine
 - (e) Tools in epidemiology. (5 × 10 = 50)
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October-1999

[KA 184]

Sub. Code : 2058

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Trace the evolution of public health practices, highlighting the various aspects of those practices and measures which would lead our country to achieve the goal of HFA by year 2000 A.D. (25)
 2. What is analytical epidemiology? How will you design a Cohort study? Discuss the elements of Cohort study. Discuss the advantages vis-a-vis the disadvantages of Cohort study. (25)
 3. Write briefly on : (50)
 - (a) Primordial prevention
 - (b) Secondary Attack Rate
 - (c) Measures to evaluate screening test
 - (d) International Vaccination certificate
 - (e) Opportunistic infections.
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[KB 184]

Sub. Code : 2088

M.D. DEGREE EXAMINATION

(All Regulations)

Community Medicine

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours , Maximum : 100 marks

1. Screening for disease is a managerial tool. Discuss in detail the screening for Health and disease with suitable examples. (25)
 2. Critically discuss the concept of universal iodisation of salt in India. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Time trends in epidemiology
 - (b) Emergency contraception
 - (c) Central Council of Health
 - (d) Multidrug therapy
 - (e) Nutritional assessment of family.
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[KC 184]

Sub. Code : 2088

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

(Old/New/Revised Regulations)

Part II

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the epidemiologically special features in Tetanus. Discuss the preventive and control measures of Tetanus. (25)
 2. How do you evaluate an educational programme aimed at behaviour change for prevention and control of Human Immuno deficiency Virus (HIV)/Acquired Immuno Deficiency Syndrome (AIDS). (25)
 3. Write short notes on :
 - (a) Epidemiological principles in the eradication of measles
 - (b) Bias
 - (c) Epidemic dropsy
 - (d) International Health Regulations
 - (e) Health legislation. (5 × 10 = 50)
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