

Government of India

National Institute of Public Health & Training & Research, Mumbai.

Post Graduate Diploma in Community Health Care (Batch XIV- 2023-24)

Second Semester Examination-Final

Paper IV – Primary Health Care, National Health Programmes & Epidemiology of Communicable & Non-Communicable Diseases

Date: 05/02/2024

Time: 10.00am to 1.00 pm

Total Marks - 100

Part-I

(60 Marks)

Q. 1. Compulsory to attempt. (each question carries 10 marks)

(A) Explain the measures taken under the National Health Mission to combat communicable diseases.

(B) Describe health Care Delivery System in India in detail.

Q. 2. Attempt any Two. (each question carries 10 marks)

(A) Define "Primary Health Care." Write the elements and principles of primary Health Care.

(B) Enumerate the services under National Cancer Control Programme.

(C) Describe the Epidemiology, prevention & control of Poliomyelitis.

Q. 3. Attempt any Two. (each question carries 10 marks)

(A) Discuss Epidemiology, Prevention and Control measures of Non-Communicable Diseases

(B) Describe the Epidemiology of Coronary heart disease, its prevention and control measures.

(C) Discuss in brief about National Leprosy Eradication Programme in India.

Part – II

(40 Marks)

Q. 4. Write short Notes on: (Any five) (8 Marks each)

a) Salient features of National Population Policy 2002

b) Prevention strategies for STD and HIV/AIDS

c) Objectives and scope of National Tobacco Control Programme

d) Epidemiological aspects and control measures of Scabies

e) The role of Ayushman Bharat in improving community health

f) National Mental Health Programme

g) Services under ICDS programme

h) Health Information System

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Paper V: Demography, Population dynamics, Health Care Management, Bio Statistics & Research Methods, HMIS & Health Economics

Date: 07 /02/2024

Time: 10.00am to 1.00 pm

Total Marks – 100

Part-I

(60 Marks)

Q. 1. Compulsory to attempt. (each question carries 10 marks)

- (A) Explain the various measures of central tendency. Calculate the mean, median, and mode for the midarm circumferences (cm) of 10 male children aged four months given as

14, 11, 11, 10, 12, 13, 10, 14, 11, 11

- (B) What is Sampling? Describe any two Sampling methods briefly.

Q. 2. Attempt any Two. (each question carries 10 marks)

- (A) Define the following: 1. Crude Birth Rate 2. Crude Death Rate 3. Infant Mortality Rate 4.

Under 5 Mortality Rate 5. Maternal Mortality Rate

- (B) Define HMIS. Discuss the importance and uses of HMIS

- (C) What is Health Management? Enumerate different management issues in Health care delivery services

Q. 3. Attempt any Two. (each question carries 10 marks)

- (A) Define Demography. Discuss the factors affecting demographic and population processes
- (B) Discuss the random (probability) sampling techniques.
- (C) i) Define Statistics? Describe usefulness and applicability of Statistics.
ii) Explain Conflict and Inventory management.

PART- II

40 Marks

Q. 4. Write short Notes on: (Any five) (8 Marks each)

- a) Outline of report writing
- b) KAP study
- c) Budget
- d) Steps in Analysis of data
- e) Cost Effective and Cost Benefit analysis
- f) Rates & Ratio
- g) Principle of Record maintenance
- h) Population Dynamics and its impact

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Second Semester Examination-Final

Paper VI – RCH & Health Care for Special Groups and Public Health Legislation

Date: 09/02/2024

Time: 10.00am to 1.00 pm
Total Marks - 100

Part-I

(60 Marks)

Q. 1. Compulsory to attempt. . (each question carries 10 marks)

- ✓ A) Classify various Family Planning methods. Describe the mode of action, advantages and disadvantages of oral contraceptives
- ✓ B) Define Geriatric age group? What are the common health problems of the geriatric age group? Discuss different levels of prevention for them

Q. 2. Attempt any Two. . (each question carries 10 marks) (2)

- A) Define Disability. Enumerate the services provided during community-based rehabilitation. What are the challenges in community rehabilitation of victims of child trafficking?
- B) Explain "continuum of care"? What are the services available for Maternal Health under RMNCH+A
- C) What is Ergonomics? Enumerate the common occupational hazards and measures for prevention and control of occupational diseases

Q 3 Attempt any two. . (each question carries 10 marks) (2)

- A) Define Adolescent age group. Enumerate the health problems during adolescent period.
- B) What is Janani Shishu Suraksha Karyakram ? Enumerate the services provided to mother and baby under Janani Shishu Suraksha Karyakram.
- C) What are the school health components , Discuss in brief .

Part II

(40 marks)

Q.4. Short Notes (any 5 out of 8) 8 marks each

- a) Birth Companion
- b) Promotion of positive Mental Health
- c) MTP Act
- d) ESI Act
- e) Anthropometric measurements in under five children
- f) Infant mortality rate and its causes in India
- g) High Risk Pregnancy
- h) Home based new born care