

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

- 1) Describe the functions of the following : any three
a) Lungs b) Stomach c) Liver d) kidneys
- 2) Iceberg phenomenon.
- 3) Elements of Primary Health Care
- 4) Health Team Concept
- 5) Tertiary prevention

II. Short answers

10 X 3 = 30 marks

- 6) Functions of saliva – any three.
- 7) Blood groups.
- 8) Multifactorial causation of disease
- 9) Community responsibility towards health.
- 10) Socio- economic conditions to determine health – any three
- 11) Morbidity indicators – any three.
- 12) Deglutition (swallowing).
- 13) Disease Elimination.
- 14) Positive health.
- 15) Name any three Endocrine glands.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

- 1) Enumerate factors influencing Individual and Community Health behavior.
- 2) Functions of Family.
- 3) Consumer Protection Act.
- 4) Alcoholic addiction and its Preventive measures.
- 5) What is Joint Family? Discuss with regards to its Merits & Demerits.

II. Short answers

10 X 3 = 30 marks

- 6) Write three Health Problems of Industrialisation.
- 7) Three Generation Family.
- 8) Ill effects of Dowry System.
- 9) Doctor Nurse relationship.
- 10) Overnutrition.
- 11) Define Social Security.
- 12) Define Social Psychiatry.
- 13) Define Community.
- 14) Field Study.
- 15) Customs.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Explain the Process of Respiration.
- 2) Rh compatibility.
- 3) Community Responsibility towards Health.
- 4) Multifactorial causation of Disease
- 5) Modes of Interventions under Primary Prevention – with an example each.

II. Short answers 10 X 3 = 30 marks

- 6) Health Team Concept
- 7) Blood groups.
- 8) Deglutition.(Swallowing)
- 9) WBC's.
- 10) Rural society – Health problems.
- 11) Elements of Primary Health Care
- 12) Name any three female sex hormones.
- 13) Environmental factors to determine Health.
- 14) Disease control.
- 15) Crude Death Rate.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Define Social Security. Write different Social Security measures for Industrial Workers.
- 2) Consumer Protection Act.
- 3) Functions of Family.
- 4) Difference between Rural and Urban Societies
- 5) What is Social Defense – give four examples for the same..

II. Short answers 10 X 3 = 30 marks

- 6) Management of Drug Addiction.
- 7) Sociology.
- 8) Acculturation..
- 9) Personal Hygiene.
- 10) Prostitution.
- 11) Joint Family.
- 12) Define Under nourishment..
- 13) Define Anthropology.
- 14) Enumerate factors determining Standard of Living.
- 15) Rehabilitation.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Mortality Indicators – Explain each one in brief.
- 2) Health Team Concept.
- 3) Structure and Functions of the Heart.
- 4) Risk factors of Diseases.
- 5) Physical Quality of Life Index(PQLI)

II. Short answers 10 X 3 = 30 marks

- 6) Levels of Health Care.
- 7) Functions of the Lungs
- 8) Urban Health.
- 9) Special Sense Organs.
- 10) Rehabilitation.
- 11) Blood groups.
- 12) Epidemiological triad.
- 13) Disease Eradication.
- 14) Levels of Prevention..
- 15) Functions of the Stomach..

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Social Problems in a Community.
- 2) Consumer Protection Act.
- 3) Define Social Security. Write different Social Security measures for Industrial Workers.
- 4) Write in detail about Problem Families
- 5) Discuss about the Dowry System in India and its Preventive measures.

II. Short answers 10 X 3 = 30 marks

- 6) Three generation Family.
- 7) Customs.
- 8) Rural Society.
- 9) Social Institution.
- 10) Doctor – Patient relationship.
- 11) Medico – social Worker.
- 12) Rehabilitation services for the Handicapped.
- 13) Define Disease.
- 14) Delinquency.
- 15) Define Community.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Explain Human Digestive System.
- 2) Briefly explain Dimensions of Health.
- 3) Explain the Special Sense Organs.
- 4) Risks factors of Diseases.
- 5) Spectrum of Health.

II. Short answers 10 X 3 = 30 marks

- 6) Structure and functions of Lungs.
- 7) Name any three Endocrine glands.
- 8) Levels of Prevention.
- 9) Disease Eradication.
- 10) Functions of the Skin.
- 11) Positive Health.
- 12) Functions of Human Skeleton.
- 13) Define Health.
- 14) Functions of the Liver.
- 15) Individual responsibility towards Health.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Role of Family in Health and Disease.
- 2) Write on Doctor – Patient relationship
- 3) Role of Cultural Factors in Health and Disease.
- 4) Drug Addiction.
- 5) Consumer Protection Act.

II. Short answers 10 X 3 = 30 marks

- 6) Anthropology.
- 7) Field Study.
- 8) Customs.
- 9) Urban Society.
- 10) Broken family
- 11) Standard of Living.
- 12) Unmarried Women..
- 13) Personal Hygiene.
- 14) Care of Dependent Adults.
- 15) Food Habits.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Structure and functions of the Heart.
- 2) Role of Hospitals in Health and Disease.
- 3) Modes of Interventions – under various Levels of Prevention.
- 4) Multifactorial causation of Disease – Explain with a suitable example.
- 5) Iceberg phenomenon.

II. Short answers 10 X 3 = 30 marks

- 6) Functions of the Kidneys.
- 7) Disease Control.
- 8) Name male sex Hormones.
- 9) Risk factors of Diseases.
- 10) Rural Health problems.
- 11) Germ theory of Disease.
- 12) RBC's.
- 13) Agent factors in Disease.
- 14) Positive health.
- 15) Name any three Endocrine glands.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Role of Cultural factors in Health and Disease.
- 2) Urban and Rural Societies.
- 3) Write in detail about Problem Families.
- 4) Write a note on Personal Hygiene.
- 5) Write on Doctor – Patient relationship.

II. Short answers 10 X 3 = 30 marks

- 6) Care of Dependent Adults.
- 7) Broken family.
- 8) Rights of an Individual.
- 9) Habits..
- 10) Acculturation.
- 11) Field study.
- 12) Unmarried Women..
- 13) Medico-social Worker.
- 14) Drug Addiction.
- 15) Social Problems.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. The clavicle
2. Functions of Blood
3. The Renal Tubules
4. Determinants of Health
5. Indicators of Health

II. Short answers 10 X 3 = 30 marks

6. Standard of Living
7. Prevalence
8. Epidemiological Triad
9. Levels of Prevention
10. Ice berg of disease
11. The fibula
12. cervical vertebra
13. Leukocyte
14. Tympanic membrane
15. Popliteal fossa

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Cultural factors in health and disease
2. Family types
3. Doctor-patient relationship
4. Acculturation
5. Food habits

II. Short answers 10 X 3 = 30 marks

6. responsibility for health
7. Incentives
8. Attitude
9. Personality formation
10. occupational classification
11. Emotion in health and disease
12. Family cycle
13. Socio-economic development
14. Socialization
15. personal habits

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. The Humerus
2. Structure of Heart
3. Hepatic lobules
4. Natural History of Diseases
5. Indicators of health

II. Short answers 10 X 3 = 30 marks

6. Incidence
7. Ice berg of disease
8. Health promotion
9. Standard of living
10. Community diagnosis
11. The Sacrum
12. The Sternum
13. RBC
14. Rods and Cones
15. The Radial Nerve

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. cultural factors in health and disease
2. Acculturation
3. Doctor patient relationship
4. Types of learning
5. Personal Hygiene

II. Short answers 10 X 3 = 30 marks

6. customs
7. personality formation
8. Food habits
9. Functions of family
10. child rearing
11. Types of family
12. socialization
13. Marriage counselling
14. Parenthood
15. Medical sociology

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Attachments on the radius
2. Functions of Stomach
3. Goblet cells
4. Levels of Prevention
5. Epidemiological triad

II. Short answers 10 X 3 = 30 marks

6. Prevalence
7. death rates
8. Quality of life
9. Definition of health
10. Health education.
11. A Typical rib
12. The Skull bones
13. Electrocardiogram
14. Thyroid gland
15. Femoral Triangle

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Alcohol abuse in society
2. Types of family
3. Acculturation
4. Dowry system
5. Habits

II. Short answers 10 X 3 = 30 marks

6. customs
7. Types of learning
8. personality
9. Medical sociology
10. Family structure
11. Family life cycle
12. emotions
13. Health behaviour
14. Society
15. Socialization

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Hip bone
2. Functions of the Kidney
3. Histology of Spleen
4. Health education for Diabetes
5. Natural history of diseases

II. Short answers 10 X 3 = 30 marks

6. Socio-economic indicators
7. specific protection
8. Disability rates
9. Incidence
10. Health promotion
11. The Mandible
12. The patella
13. Muscles of Respiration
14. Pituitary gland
15. Femoral artery

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Cultural factors in health and disease
2. Doctor-patient relationship
3. Community services
4. Medical sociology
5. Social problems

II. Short answers 10 X 3 = 30 marks

6. delinquency
7. Social agencies
8. Problem family
9. Occupations
10. Socio economic classification
11. Alcohol abuse
12. Personal habits
13. customs
14. Acculturation
15. Dowry system

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. The Femur
2. Functions of the Lungs
3. Cardiac muscle
4. Specific protection in children
5. Ice berg Phenomenon

II. Short answers

10 X 3 = 30 marks

6. Morbidity indicators
7. pre pathogenic phase
8. Definition of health
9. standard of living
10. Rehabilitation
11. The Tibia
12. The Scapula
13. Cyanosis
14. Spermatogenesis
15. The Cranial Nerve

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Personal hygiene
2. Marriage counselling
3. Types of family
4. social factors
5. cultural factors in health and disease

II. Short answers

10 X 3 = 30 marks

6. groupbehaviour
7. parenthood
8. food habits
9. Medical social work
10. doctor-nurse relationship
11. social pathology
12. motivation
13. customs
14. emotions
15. mental age

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Structure and Functions of the Heart.
2. Describe digestive system with diagram.
3. Iceberg phenomenon.
4. What are the levels of prevention? Mention the steps of intervention at each level
5. What are the indicators of health? Enumerate them.

II. Short answers

10 X 3 = 30 marks

6. List cell components of blood
7. Name male sex hormones
8. Write functions of saliva
9. Write the names of any three endocrine glands.
10. Functions of the Kidneys
11. Epidemiological triad.
12. Name any three dimensions of health
13. Crude death rate
14. Spectrum of health and disease
15. Surveillance.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Difference between rural and urban society.
2. Define family. Types of family. Write advantages and disadvantages of joint family.
3. Emotions and their role in health and disease.
4. Define Social Security. Write different Social Security measures for Industrial Workers..
5. Doctor patient relationship.

II. Short answers

10 X 3 = 30 marks

6. Name three types of learning.
7. Socialization.
8. Problem families.
9. Name three social security measures given to civil servants.
10. Write three health consequences of alcohol abuse.
11. Define culture and give two examples of cultural practice in our country.
12. Write three functions of hospital.
13. Enumerate factors determining Standard of Living.
14. Acculturation..
15. Define Anthropology.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Describe the functions of the following : any three
2. a) Lungs b) Stomach c) Liver d) kidneys
3. Describe structure and function of skin.
4. Define Rehabilitation & types of Rehabilitation
5. Multifactorial causation of Disease
6. Mortality Indicators – Explain each one in brief

II. Short answers

10 X 3 = 30 marks

7. Name special sense organs.
8. Write any three functions of blood
9. Write three functions of bones.
10. Write three functions of tongue.
11. Rural Health problems.
12. Physical quality of life index
13. Levels of prevention of disease.
14. What is disease eradication? Give example.
15. Define Health
16. Epidemiological triad.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Alcoholic addiction and its Preventive measures.
2. What are the functions of family?
3. Industrialization and its health impact.
4. What is learning? Conditions affecting learning & types of learning.
5. Consumer Protection Act.

II. Short answers

10 X 3 = 30 marks

1. Nuclear family
2. Broken family.
3. Enlist any three acts related to public health
4. Enlist three social problems.
5. Dowry system
6. Intelligence quotient
7. Name any three positive emotions.
8. Role of incentives in motivation.
9. Personal Hygiene.
10. Prostitution..

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe female reproductive system.
2. Describe renal system with diagram
3. Germ theory of disease
4. Determinants of health.
5. Name mortality indicators and describe any one of them.

II. Short answers 10 X 3 = 30 marks

6. Write three functions of white blood cells
7. Name Hormones secreted by pituitary gland.
8. Write three functions of liver.
9. Define disease elimination with example
10. Health for all
11. Functions of physician
12. Name three components of physical quality of life index.
13. Define impairment with example.
14. Primordial prevention
15. Primary health care

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What are behavioral sciences? What is medical sociology?
2. Role of Family in Health and Disease.
3. Discuss the Social Problems in a Community..
4. Define Social Security. Write different Social Security measures for Industrial Workers..
5. Motivation and its stages.

II. Short answers 10 X 3 = 30 marks

1. Medical sociology.
2. Doctor – Patient relationship
3. Health problems of prostitution.
4. Acculturation.
5. Below poverty line
6. Operational research team in health
7. Rural society
8. Health problems of urban slums.
9. Delinquency
10. Define Sociology.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe renal system with diagram
2. Explain human digestive system with diagram.
3. Elements of Primary Health Care.
4. What is health promotion? Write methods of health promotion
5. Multifactorial causation of Disease-- Explain with a suitable example

II. Short answers 10 X 3 = 30 marks

6. Blood groups.
7. Functions of the Lungs
8. Sentinel surveillance.
9. Name three components used to assess human development index.
10. Community diagnosis.
11. Ecological theory of disease.
12. Rehabilitation.
13. Define Health
14. Define disability with example.
15. Write any three functions of large intestine.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define family. Describe family cycle
2. Discuss about the Dowry System in India and its Preventive measures..
3. Techniques of interview.
4. Consumer protection act
5. Drug Addiction.

II. Short answers 10 X 3 = 30 marks

6. Write any three functions of family.
7. Health problems of teenage mother.
8. Nuclear family.
9. Urban society.
10. Broken family..
11. Enlist any three good and bad emotions
12. Diseases of poverty.
13. Medico-social Worker..
14. Intelligence quotient.
15. Habits.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe respiratory system with diagram.
2. Explain human digestive system with diagram
3. Health team concept.
4. Define health. What are dimensions of health?
5. Modes of Interventions – under various Levels of Prevention.

II. Short answers 10 X 3 = 30 marks

6. Functions of lymphatic system.
7. Name male sex Hormones
8. RBC's.
9. Define disease elimination with example.
10. Positive Health.
11. Rural health problems
12. Sentinel surveillance.
13. Risk factors of Diseases
14. Name any three health indicators.
15. Community treatment.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What is Nuclear family? Describe its characteristic features with merits & demerits.
2. Role of Cultural factors in Health and Disease.
3. Write in detail about Problem Families
4. Medical social worker.
5. Urban and Rural Societies.

II. Short answers 10 X 3 = 30 marks

1. Advantages & disadvantages of joint family
2. Doctor patient relationship
3. Social security for elderly population
4. Acculturation.
5. Health consequence of alcohol abuse.
6. Social problems.
7. Health impact of industrialization.
8. Personal Hygiene.
9. Drug Addiction.
10. Anthropology.

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

- 1) What are the functions of Brain?
- 2) Enumerate different dimensions of Health
- 3) How will you evaluate physical dimension?
- 4) Enumerate Mortality indicators. Discuss one of the indicators
- 5) Discuss Health Team Concepts

II. Short answers

10 X 3 = 30 marks

- 6) Iceberg of Disease
- 7) Define surveillance
- 8) Functions of Thyroid Gland
- 9) Define Health
- 10) Define Ecology
- 11) Different levels of Health Care
- 12) Enumerate Reproductive System Organs
- 13) Germ Theory of Disease
- 14) Give three examples for diseases with respect to Multifactorial Causation
- 15) Name three Agent factors

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. What is Social Defence? Give four examples for the same
2. Enumerate factors influencing Individual and Community Health Behavior
3. Discuss Doctor Patient Relationship
4. Functions of family
5. Define Social Security. Write different Social Security measures for industrial workers

II. Short answers

10 X 3 = 30 marks

- 6) Write any six causes of Ill Health
- 7) Define Anthropology
- 8) Enumerate factors determining Standard of Living
- 9) What is Acculturation?
- 10) Define Society
- 11) Nuclear Family
- 12) Define Undernourishment
- 13) Prostitution
- 14) Management of Drug Addiction
- 15) Personal Hygiene

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. What are the Functions of Physician?
2. Writemode of intervention with respect to Primary Prevention
3. Functions of Heart
4. Discuss Health Team Concept
5. Functions of Kidney

II. Short answers

10 X 3 = 30 marks

- 6) Mention three diseases for Global Eradication
- 7) Name four Agent factors
- 8) Name Sense organs
- 9) Epidemiological Triad
- 10) Define Disease Elimination
- 11) Define Disease Eradication
- 12) What is Community Diagnosis?
- 13) Define Social Medicine
- 14) Functions of Ovary
- 15) Define Surveillance

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Write Social Factors influencing the Health of people
2. Drug Addiction
3. Functions of Family
4. Hidden Hunger
5. Consumer Protection Act

II. Short answers

10 X 3 = 30 marks

- 6) Define Social Psychology
- 7) Define Community
- 8) Name three types of Learning
- 9) Joint Family
- 10) Define Social Security
- 11) Write three Health Problems of Industrialization
- 12) Medico-social worker
- 13) Ill effects of Dowry System
- 14) Social Institution
- 15) Sociology

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Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Mention different levels of Prevention. Write about Primordial Prevention
2. Define Disease Eradication. Name three diseases for Global Eradication
3. Discuss about Disease Control
4. Functions of Physicians
5. Discuss Health Team Concept

II. Short answers

10 X 3 = 30 marks

- 6) What do you mean by web of Causation?
- 7) What is Sentinel surveillance?
- 8) Three functions of Brain
- 9) Three functions of Kidney
- 10) Define Monitoring
- 11) Tertiary Prevention
- 12) Define Disease Elimination
- 13) Functions of Heart
- 14) Define Health Promotion
- 15) Define Surveillance

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Write the role of Family in Health and Disease
2. Define Community. What are the characteristics of Community?
3. Discuss the Cultural Factors with respect to Personal Hygiene
4. Write measures of Social differentiation
5. Write on Doctor-Patient Relationship

II. Short answers

10 X 3 = 30 marks

- 6) Three generation family
- 7) Medico-social Worker
- 8) Delinquency
- 9) Consumer Protection Act
- 10) Unmarried Mother
- 11) Culture and Food habits
- 12) Broken Family
- 13) Joint Family
- 14) Anthropology
- 15) Define Society

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

6. Write about Community Treatment
7. Functions of Physician
8. Enumerate Organs of Digestive System. Write functions of Stomach
9. Functions of Kidney
10. Define Health Promotion with example

II. Short answers 10 X 3 = 30 marks

- 6) Define Health Care
- 7) Functions of Lungs
- 8) Define Population Strategy with example
- 9) Define Impairment
- 10) Define Ecology
- 11) Maternal Mortality Rate
- 12) Define Rehabilitation
- 13) Define Child Death Rate
- 14) Define Health
- 15) Mention different types of Microscope

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Write different concepts of Etiology and Cure with respect to disease
2. Write in detail Problem Families
3. Difference between Rural and Urban society
4. Write on Consumer Protection Act
5. Alcohol abuse

II. Short answers 10 X 3 = 30 marks

- 6) Nuclear Family
- 7) Good Cultural factors with respect to Maternal and Child Health
- 8) Limitation of Occupational Classification
- 9) Problems of Unmarried Mother
- 10) Doctor-Nurse Relationship
- 11) Name any two socio-economic States Scale
- 12) Occupational Classification
- 13) Personal Hygiene
- 14) Over-nutrition
- 15) Three types of Learning

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Draw Microscope. Mention different parts of Microscope
2. Discuss Secondary Prevention
3. Define Rehabilitation. Discuss different types of Rehabilitation
4. What is Community Diagnosis?
5. Discuss Web of Causation?

II. Short answers 10 X 3 = 30 marks

- 6) Define Tissue
- 7) Mention different types of Microscope
- 8) Functions of Liver
- 9) Specific Protection
- 10) Mention different Modes of Intervention
- 11) Define Disability
- 12) Define Social Medicine
- 13) Mention any three targets of Sustainable Development Goals
- 14) Write about Case Fatality Rate
- 15) Define Infant Mortality Rate

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Write different types of Families and their advantages and disadvantages
2. Write influence of Environment in Health and Disease
3. Global Hunger Index
4. Health problems of Industrialization
5. Write techniques of Interview

II. Short answers 10 X 3 = 30 marks

- 6) Define Social Security
- 7) Per capita Income
- 8) Medico-Social Worker
- 9) Social Problems
- 10) Economics
- 11) Medical Sociology
- 12) Acculturation
- 13) Customs
- 14) Illness Behavior
- 15) Three types of Learning

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

- I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks**
1. Describe digestive system with diagram.
 2. Describe structure and function of skin.
 3. What are the levels of prevention? Mention the steps of intervention at each level.
 4. Health for all.
 5. What are the indicators of health? Enumerate them.
- II. Short answers 10 X 3 = 30 marks**
6. Write any three functions of blood.
 7. Write the names of any three endocrine glands.
 8. Name female sex hormones
 9. Write functions of saliva
 10. Write three defense mechanisms in the human body.
 11. Spectrum of health and disease.
 12. Name any three dimensions of health.
 13. Epidemiological triad.
 14. Crude death rate.
 15. Name two phases of natural history of disease.

Subject: Paper I

Q P CODE: 5112

- I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks**
1. What is joint family? Describe its characteristic features with merits & demerits.
 2. Social class difference in health & disease.
 3. What are the social problems? Name any five of them.
 4. Operational research.
 5. Medical social worker.
- II. Short answers 10 X 3 = 30 marks**
6. Social factors responsible for prostitution.
 7. Health consequence of alcohol abuse.
 8. Write any three acts related to public health.
 9. Health impact of industrialization.
 10. Social security for elderly population.
 11. Advantages & disadvantages of nuclear family.
 12. Health economics.
 13. Write any three functions of hospital.
 14. Doctor patient relationship.
 15. Name three components used in global hunger index calculation.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe respiratory system with diagram.
2. Describe renal system with diagram.
3. Physical quality of life index.
4. Rehabilitation & its types.
5. Iceberg phenomenon of disease.

II. Short answers 10 X 3 = 30 marks

6. Name special sense organs.
7. List cell components of blood.
8. Write three functions of bones.
9. Name Hormones secreted by pituitary gland.
10. Write three functions of tongue.
11. Standard of living.
12. Name environmental indicators of health.
13. Name levels of prevention of disease.
14. What is disease eradication? Give example.
15. Monitoring.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Cultural factors in health and disease.
2. Techniques of interview.
3. Define family. Describe family cycle.
4. Juvenile delinquency.
5. Consumer protection act.

II. Short answers 10 X 3 = 30 marks

6. Intelligence quotient.
7. Name three defense mechanisms in psychology.
8. Joint family.
9. Urban society.
10. Name any three social security measures given to general public.
11. Health problems of teenage mother.
12. Diseases of poverty.
13. Social control mechanisms.
14. Write any three functions of family.
15. Enlist any three good and bad emotions.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe structure and function of heart.
2. Describe female reproductive system.
3. Determinants of health.
4. Name mortality indicators and describe any one of them.
5. Germ theory of disease.

II. Short answers 10 X 3 = 30 marks

6. Write three functions of liver.
7. Name three hormone secreted by adrenal gland
8. Write three functions of white blood cells.
9. Write the name of plasma proteins.
10. Uses of sweating.
11. Name three components of physical quality of life index.
12. Define impairment with example.
13. Primordial prevention.
14. Functions of physician.
15. Primary health care.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Family in health & disease.
2. Social security.
3. Motivation and its stages.
4. Development of personality.
5. What are behavioral sciences? What is medical sociology?

II. Short answers 10 X 3 = 30 marks

6. Name three tier system of local self government.
7. Acculturation.
8. Below poverty line.
9. Name any three negative emotions.
10. Rural society.
11. Social Defense.
12. Health problems of prostitution.
13. Health problems of urban slums.
14. Operational research team in health.
15. Medical sociology.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Describe female reproductive system.
2. List five special senses. Describe any one of them.
3. Describe phases in natural history of disease.
4. Define health. What are dimensions of health?
5. Health team concept.

II. Short answers 10 X 3 = 30 marks

6. Name digestive juices secreted by stomach and liver.
7. Write functions of small intestine.
8. Functions of lymphatic system.
9. Define disease elimination with example.
10. Name interventions done under health promotion.
11. Sentinel surveillance.
12. Name levels of health care.
13. Name any three health indicators.
14. Community treatment.
15. Name any three organ system in the body.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What are the functions of family?
2. Industrialization and its health impact.
3. What is learning? Conditions affecting learning & types of learning.
4. What is social science? Name the subjects coming under social science. Describe anthropology.
5. What is standard of living?

II. Short answers 10 X 3 = 30 marks

6. Broken family.
7. Enlist three social problems.
8. Write three social security measures for industrial workers.
9. Social stress.
10. Name any three positive emotions.
11. Role of incentives in motivation.
12. Nuclear family.
13. Dowry system.
14. Intelligence quotient.
15. Enlist any three acts related to public health.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper I

Q P CODE: 5111

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Name organs of digestive system & write functions of liver.
2. Write functions of nervous system.
3. Epidemiological triad.
4. What is disease control?
5. What is health promotion? Write methods of health promotion.

II. Short answers 10 X 3 = 30 marks

6. International classification of disease.
7. Surveillance.
8. Multifactorial theory of disease.
9. Write any three functions of kidney.
10. Name three components used to assess human development index.
11. Community diagnosis.
12. Ecological theory of disease.
13. Rehabilitation.
14. Define disability with example.
15. Write any three functions of large intestine.

Subject: Paper I

Q P CODE: 5112

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define family. Enlist types of family. Write advantages and disadvantages of nuclear family.
2. Difference between rural and urban society.
3. Doctor patient relationship.
4. Kuppaswamy's socioeconomic status scale.
5. Emotions and their role in health and disease.

II. Short answers 10 X 3 = 30 marks

6. Problem families.
7. Socialization.
8. Name three types of learning.
9. Name three social security measures given to civil servants.
10. Define culture and give two examples of cultural practice in our country.
11. Write three functions of hospital.
12. Write three health consequences of alcohol abuse.
13. Health problems due to industrialization.
14. What is a poverty line or BPL family?
15. Health economics.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss Contamination of Lakes and its Preventive and Control measures.
- 2) Global Warming and its Preventive and Control measures.
- 3) Enumerate the methods of Solid Waste Disposal and discuss any one in detail.
- 4) Prevention and Control of Air Pollution.
- 5) Household Purification of Water.

II. Short answers 10 X 3 = 30 marks

- 6) Potable Water.
- 7) Sewage and Sullage.
- 8) Uses of Wet and Dry thermometer.
- 9) Mechanism of action of Slow Sand Filter System
- 10) Overcrowding.
- 11) Super chlorination.
- 12) Swimming pool sanitation.
- 13) Rural Housing..
- 14) Field Study.
- 15) Effects of Radiation – any two.

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Fly Control measures
- 2) Life Cycle of Itch Mite
- 3) Anti-Adult measures
- 4) Discuss the General characteristics, Diseases transmitted and Control measures of Sand Fly
- 5) Discuss the Spread of Lice

II. Short answers 10 X 3 = 30 marks

- 6) Modes of Transmission in Ascariasis(Round Worm)
- 7) Deworming
- 8) Crab Louse
- 9) Health Education in Hookworm infection
- 10) Control of Scabies
- 11) Modes of Disease Transmission in Amoebiasis
- 12) Protection against Mosquito bites
- 13) Control of Mites
- 14) Diseases transmitted by Hard Ticks-any three
- 15)Mention any three Space Sprays

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Housing and Health – Discuss
- 2) Effects of Heat Stress
- 3) Global warming
- 4) Control of Noise
- 5) Household Purification of water

II. Short answers 10 X 3 = 30 marks

- 6) Break Point Chlorination
- 7) Sources of water
- 8) Types of Environment
- 9) Chemical constituents in water
- 10) Air Pollutants- any three
- 11) Effects of Noise Exposure – any three
- 12) Methods of Solid waste Disposal- any three
- 13) Water Conservation – Methods
- 14) Effects of Radiation -any two
- 15) Types of Ventilation.

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss Anti-Adult measures
- 2) Discuss the Fly Control measures
- 3) Prevention and Control measures of Amoebiasis
- 4) Discuss the spread of Lice
- 5) Mosquito borne diseases

II. Short answers 10 X 3 = 30 marks

- 6) Rat Flea
- 7) Health Education and Fly Control
- 8) Sites of lesions in Scabies
- 9) Environmental Control in Ticks and Mites
- 10) General Characteristics of Sand Fly
- 11) Diseases transmitted by Mites
- 12) Mass Treatment
- 13) Mosquito Repellants
- 14) Diseases transmitted by Sand Fly-any three
- 15) General principles of Arthropod Control

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

- 1) Safe and Wholesome water
- 2) Global warming
- 3) Sanitation Barrier
- 4) Effects of Noise Pollution
- 5) Water – related Diseases

II. Short answers

10 X 3 = 30 marks

- 6) Uses of water
- 7) Chlorination of water
- 8) Sewage
- 9) Sulabh Shauchalaya
- 10) Control of Air pollution
- 11) Composting
- 12) Rural Housing
- 13) Sling Psychrometer- one use
- 14) Effects of Heat Stress – any three
- 15) Define Solid waste

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

- 1) Discuss in detail Mosquito Control measures
- 2) Life cycle of Housefly
- 3) Habits and Control of Sandfly
- 4) Define Arthropod borne diseases and different Modes of Transmission
- 5) Prevention and Control of Amoebiasis

II. Short answers

10 X 3 = 30 marks

- 6) Sites and Lesions of Scabies
- 7) Describe Rat Flea
- 8) Fly papers
- 9) Modes of Transmission of Lice
- 10) Mass Treatment
- 11) Mention any three Mosquito borne diseases
- 12) Protection against Mosquito bites
- 13) Health Education in Hook worm infection
- 14) Modes of Transmission of Soil transmitted infections
- 15) Mode of spread of Scabies

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Sanitation Barrier. Draw and label a suitable diagram
- 2) Enumerate the Methods of Solid Waste Disposal. Discuss any one in detail
- 3) Housing and Health – Discuss
- 4) Methods of Removal of Hardness of water
- 5) Effects of Air Pollution and its Prevention and Control

II. Short answers 10 X 3 = 30 marks

- 6) Use of Horrock`s Apparatus
- 7) Criteria for Healthful Housing – any three
- 8) What are Solid Wastes
- 9) Uses of Water Seal in a Water Seal latrine
- 10) Sewage
- 11) Sulabh Shauchalaya
- 12) Oxidation Pond – any two uses
- 13) What is Septic tank?
- 14) Deforestation
- 15).Health hazards associated with swimming pool

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Anti-larval measures in Mosquito Control
- 2) Modes of Disease Transmission, Prevention and Control of Amoebiasis
- 3) Habits and Control measures of Housefly
- 4) Prevention and Control of Hookworm Infection
- 5) Arthropods of Medical importance

II. Short answers 10 X 3 = 30 marks

- 6) Mass Treatment
- 7) Residual Sprays-any three
- 8) Host factors in Hookworm infection
- 9) Deworming
- 10) Human habits in Ascariasis
- 11) Diseases transmitted by Hard ticks-any three
- 12) Protection against Mosquito bites
- 13) Life cycle of Housefly
- 14) Control of Scabies
- 15).Epidemiological features of Ascaris(Round Worm)-any three

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Oxidation pond. Discuss with a suitable
- 2) Swimming pool sanitation
- 3) Water seal latrine
- 4) Housing standards
- 5) Control of Noise Exposure

II. Short answers 10 X 3 = 30 marks

- 6) Air Pollutants-any three.
- 7) Define Solid Waste
- 8) Methods of Sewage Disposal
- 9) Composting
- 10) Surface water drainage in Urban areas
- 11) Effects of Heat Stress-any three
- 12) Deforestation
- 13) Acid Rain
- 14) Removal of Hardness of Water-any three methods
- 15) Chlorination

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Life cycle of Housefly
- 2) Anti-larval measures
- 3) Prevention and Control measures of Amoebiasis
- 4) Epidemiological features of Ascaris (Round Worm)
- 5) Discuss the General characteristics, Diseases transmitted and Control measures of Sandfly.

II. Short answers 10 X 3 = 30 marks

- 6) Control of Mites
- 7) Mass Treatment
- 8) Health Education in Hookworm infection
- 9) Diseases transmitted by Mosquitoes
- 10) Treatment of Scabies
- 11) Chemical Control of Mosquitoes
- 12) Diseases transmitted by Hard Ticks-any three
- 13) General description of a Mosquito
- 14) Fly papers
- 15) Modes of transmission of Lice

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss Contamination of Lakes and its Preventive and Control measures.
- 2) Global Warming and its Preventive and Control measures.
- 3) Enumerate the methods of Solid Waste Disposal and discuss any one in detail.
- 4) Prevention and Control of Air Pollution.
- 5) Household Purification of Water.

II. Short answers 10 X 3 = 30 marks

6. Incineration
7. Overcrowding
8. Global warming
9. Heat stress indices
10. Radiation protection
11. Sewage farming
12. Sludge digestion
13. Chemical closet
14. Sanitation barrier
15. Manure pits

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of mosquito
2. Principles of arthropod control
3. Comparison of hard and soft ticks
4. ZiehlNielsen stain
5. Sputum collection in hospital

II. Short answers 10 X 3 = 30 marks

6. Flea indices
7. Itch mite
8. Malathion
9. Paris green
10. Culexfatigans
11. Space sprays
12. Aedes mosquitoes
13. Louse
14. Bilogical transmission
15. Repellents

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Soakage pit
2. Refuse disposal
3. Slow sand filter
4. Method of chlorination
5. Bacteriological indicators of water

II. Short answers

10 X 3 = 30 marks

6. Types of composting
7. Overcrowding
8. Global warming
9. Biological effects of radiation
10. Removal of hardness
11. SulabhShauchalaya
12. Oxidation pond
13. Sewage
14. Globe thermometer
15. Sanitation barrier

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Control of mosquitoes
2. control of sand fly
3. Insecticides
4. Anti rodent measures
5. Residual sprays

II. Short answers

10 X 3 = 30 marks

6. species of mosquitoes
7. DDT
8. Anti rodent measures
9. Zoonoses
10. Itch mite
11. Aedes mosquito
12. Widal test
13. Cyclops
14. Stool examination
15. Drug resistance

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Rapid sand filter
2. Removal of hardness in water
3. Comfort zones
4. Sources of air pollution
5. Heat stress indices

II. Short answers 10 X 3 = 30 marks

6. Defluoridation
7. Swimming pool sanitation
8. sources of air pollution
9. Comfort zones
10. Indira awasyojana
11. Bleaching powder
12. Refuse disposal
13. Kata thermometer
14. septic tank
15. Chlorination

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Space sprays
2. Aedes mosquitoes
3. Louse
4. Biological transmission
5. Repellents

II. Short answers 10 X 3 = 30 marks

6. Life cycle of mosquito
7. Principles of arthropod control
- 8 Comparison of hard and soft ticks
- 9 ZiehlNielsen stain
10. Sputum collection in hospital
11. Flea indices
12. Itch mite
13. Malathion
14. Paris green
15. Culexfatigans

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Slow sand filters
2. Sullage disposal
3. Purification of water
4. Indicators of housing
5. Septic tank

II. Short answers

10 X 3 = 30 marks

6. Defluoridation
7. Swimming pool sanitation
8. sources of air pollution
9. Comfort zones
10. Indira awasojana
11. Bleaching powder
12. Refuse disposal
13. Kata thermometer
14. septic tank
15. Chlorination

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Control of mosquitoes
2. control of sand fly
3. Insecticides
4. Anti rodent measures
5. Residual sprays

II. Short answers

10 X 3 = 30 marks

6. Flea indices
7. Itch mite
8. Malathion
9. Paris green
10. Culex fatigans
11. Space sprays
12. Aedes mosquitoes
13. Louse
14. Biological transmission
15. Repellents

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Rapid sand filter
2. chemical qualities of water
3. Refuse disposal
4. Types of latrines
5. Air pollution indicators

II. Short answers 10 X 3 = 30 marks

6. Types of composting
7. Overcrowding
8. Global warming
9. Biological effects of radiation
10. Removal of hardness
11. SulabhShauchalaya
12. Oxidation pond
13. Sewage
14. Globe thermometer
15. Sanitation barrier

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of mosquito
2. Principles of arthropod control
3. Comparison of hard and soft ticks
4. ZiehlNielsen stain
5. Sputum collection in hospital

II. Short answers 10 X 3 = 30 marks

6. species of mosquitoes
7. DDT
8. Anti rodent measures
9. Zoonoses
10. Itch mite
11. Aedes mosquito
12. Widal test
13. Cyclops
14. Stool examination
15. Drug resistance

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Housing standards. Discuss with a suitable
2. Hazards and Control of Noise Exposure
3. Water seal latrine
4. Water borne diseases
5. Swimming pool sanitation

II. Short answers 10 X 3 = 30 marks

- 6) Effects of cold Stress.
- 7) Oxidation pond
- 8) Methods of Sewage Disposal
- 9) Composting
- 10) Sulabh Shauchalaya
- 11) Removal of Hardness of Water
- 12) Deforestation
- 13) Differences between shallow well and deep well
- 14) Criteria for safe water
- 15) Break point Chlorination

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of mosquitoes
2. Diseases transmitted and Control measures of Sandfly.
3. Integrated vector control management
4. Diseases transmitted by rodents? Add a note on control measures
5. Classify arthropods and modes of disease transmission

II. Short answers 10 X 3 = 30 marks

6. Diseases transmitted by anopheles mosquito
7. Insecticide treated bed net
8. Differentiate between hard tick and soft tick?
9. Deworming
10. List the diseases caused by mite
11. Flea indices
12. Fly trap
13. Life cycle of cyclop
14. Control of Scabies
15. Chandler's index

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Effects of Air Pollution and its Prevention and Control
2. Enumerate the Methods of Solid Waste Disposal. Discuss any one in detail
3. Sanitation Barrier.
4. Housing and Health – Discuss
5. Methods of Removal of Hardness of water

II. Short answers 10 X 3 = 30 marks

- 6) Uses of water
- 7) Uses of Water Seal in a Water Seal latrine
- 8) Oxidation Pond
- 9) Sulabh Shauchalaya
- 10) Sewage
- 11) Health hazards associated with swimming pool
- 12) Sources of Noise pollution
- 13) What is Septic tank?
- 14) Deforestation
- 15) Sources of Air pollution

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of Housefly
2. Control of scabies in a community
3. Prevention and control of Hookworm infestation
4. Anti-larval measures
5. Disease transmitted by mosquitoes and add a note on control measures

II. Short answers 10 X 3 = 30 marks

6. Control of fleas
7. Chandler's index
8. Fly trap
9. Role of rodents in disease transmission
10. Features of anopheles mosquito
11. Biological methods of vector transmission
12. Insecticide treated bed net
13. Control of cyclops
14. Breteau index
15. Source reduction measures for control of dengue

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Water borne Diseases
2. Sanitation Barrier
3. Sources of Noise Pollution
4. Swimming pool sanitation
5. Slow sand filters

II. Short answers 10 X 3 = 30 marks

- 6) Control of Air pollution
- 7) Composting
- 8) Types of refuse
- 9) Sulabh Shauchalaya
- 10) Rural Housing
- 11) Health hazards of solid wastes
- 12) Effects of Heat Stress
- 13) Criteria for safe water
- 14) Define Solid waste
- 15) Septic tank

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of ascaris
2. Diseases transmitted by ticks and its prevention and control measures
3. List the diseases transmitted by rodents? Add a note on control measures
4. Integrated vector control
5. Prevention and control of Hookworm infestation

II. Short answers 10 X 3 = 30 marks

6. Biological control of mosquitoes
7. Differentiate between Aedes and anopheles
8. List vector borne diseases
9. Biological methods of vector transmission?
10. Insecticide treated bed net
11. Itch mite
12. Fly trap
13. Life cycle of cyclop
14. Soil transmitted helminths
15. Control of fleas

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Household Purification of water
2. Global warming
3. Hazards of Noise pollution
4. Bangalore method of composting
5. Rapid sand filters

II. Short answers 10 X 3 = 30 marks

- 6) Sources of water
- 7) Control of Air pollution
- 8) Sulabh Shauchalaya
- 9) Mention health hazards associated with swimming pool
- 10) Effects of Heat Stress – any three
- 11) Uses of Water Seal in a Water Seal latrine
- 12) Air Pollutants- any three
- 13) Water Conservation – Methods
- 14) Effects of Radiation
- 15) Types of Ventilation.

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of mosquito
2. Filariasis transmission and its prevention
3. Various types of insecticides
4. List the diseases transmitted by rodents? Add a note on control measures
5. Diseases transmitted by sand fly and add a note on control of sand fly

II. Short answers 10 X 3 = 30 marks

6. Cyclop control
7. Deworming
8. Chemical control measures of mosquito
9. List the diseases caused by mite
10. Personal protective measures for prevention of vector borne disease
11. Lice borne disease
12. Differentiate between hard tick and soft tick
13. Features of anopheles mosquito
14. Residual spray
15. List vector borne diseases

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Housing standards for rural area.
2. Enumerate the methods of Solid Waste Disposal and discuss any one in detail.
3. Oxidation pond
4. Prevention and Control of Air Pollution.
5. Effects of Heat Stress.

II. Short answers

10 X 3 = 30 marks

- 6) Name types of ventilation
- 7) Sewage and Sullage.
- 8) Mention health hazards associated with swimming pool
- 9) Overcrowding
- 10). Mechanism of action of Slow Sand Filter System
- 11) Hazards of radiation
- 12) Swimming pool sanitation.
- 13) Super chlorination
- 14) Sanitation barrier.
- 15) Differences between shallow well and deep well

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Life cycle of Housefly
2. List the diseases transmitted by rodents? Add a note on control measures
3. Prevention and control of Hookworm infestation
4. Integrated vector control management
5. Scabies and its prevention and control

II. Short answers

10 X 3 = 30 marks

6. Insecticide treated bed net
7. List vector borne diseases
8. Biological control of mosquitoes
9. Differentiate between Aedes and anopheles
10. Biological methods of vector transmission
11. Life cycle of cyclop
12. Fly trap
13. Control of fleas
14. Chandler's index
15. Life cycle of ascaris

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Prevention and control measures of Contamination of lakes
- 2) Define and write difference between sewage and sullage
- 3) Write in detail sanitation of swimming Pool
- 4) Prevention and control of Global warming
- 5) Different methods of solid waste disposal. Write in detail about Bangalore method

II. Short answers 10 X 3 = 30 marks

- 6) Define Global warming
- 7) Super chlorination
- 8) Causes of air Pollution
- 9) Causes of Noise Pollution
- 10) Sources of water supply
- 11) SulabhSauchalaya
- 12) Advantages of Water Seal Latrine
- 13) Sources of Radiation and its effects
- 14) Define Wholesome Drinking Water
- 15) Effects of Heat Stress

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What is Amoebiasis? Write about the Agent and Modes of Transmission
2. Write in detail Host Factors of Hookworm Infection
3. DDT
4. Life History of Itch Mite
5. Control of Louse Infestation

II. Short answers 10 X 3 = 30 marks

- 6) Control of Scabies
- 7) Environmental Modification
- 8) Crab Louse
- 9) Mention three Residual Sprays
- 10) Treatment of Hookworm infection
- 11) Life Cycle of Housefly
- 12) Biological Control
- 13) Three diseases transmitted by Aedes
- 14) Three diseases transmitted by Housefly
- 15) Protection against Mosquito Bite

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss in detail Housing
- 2) Sources of Noise and its effects
- 3) Prevention and Control of Air pollution
- 4) Write in detail Septic tank with a neat diagram
- 5) Slow Sand Filtration

II. Short answers 10 X 3 = 30 marks

- 6) What do you mean by Potable Water
- 7) Super chlorination
- 8) Overcrowding
- 9) Prevention of Global warming
- 10) Sources of Contamination of lakes
- 11) Sources of contamination of Swimming Pool
- 12) Sanitation Barrier
- 13) Uses of Wet and Dry Thermometer
- 14) Types of Ventilation
- 15) Prevention and Control of Noise Pollution

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Write in detail Prevention and Control of Amoebiasis
2. Write different Modes of Transmission of Ascariasis
3. Life Cycle of Housefly
4. Ways of Disease Transmission by Housefly
5. Mosquito Control Measures

II. Short answers 10 X 3 = 30 marks

- 6) Diagnosis of Scabies
- 7) DDT
- 8) Biological Control
- 9) Control of Sand Flies
- 10) Protection against Mosquito Bite
- 11) Name three diseases transmitted by Culex
- 12) Environmental Control of Housefly
- 13) Importance of Personal Hygiene with respect to Lice
- 14) Control of Scabies
- 15) Treatment of Ascariasis

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Household Purification of water
- 2) Write in detail Sanitation Barrier with a neat Diagram
- 3) Sanitation of Swimming Pool
- 4) Discuss Rain Water Harvesting
- 5) Sources of Radiation and its Effects

II. Short answers 10 X 3 = 30 marks

- 6) Enumerate Air Pollutants
- 7) Chemical Contamination of Water
- 8) Mention different sources of Water Supply
- 9) Breakpoint Chlorination
- 10) Deforestation
- 11) Uses of Horrock's apparatus
- 12) Uses of Water Seal Latrine
- 13) SulabhSauchalaya
- 14) Two advantages of Oxidation Pond
- 15) Define Sewage

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Write about Agent, Host and environmental factors of Ascariasis
2. Prevention and Control of Soil Transmitted Helminths
3. Public Health Importance of Hard Ticks
4. Control of Housefly
5. Discuss Environmental Modification

II. Short answers 10 X 3 = 30 marks

- 6) Agents and Modes of spread of scabies
- 7) Mention Diseases transmitted by Housefly
- 8) Biological Control
- 9) Three diseases transmitted by Aedes
- 10) Chemical control Measures for Mosquito
- 11) Name three diseases transmitted by Sand Fly
- 12) Diagnosis of Scabies
- 13) Habits of Housefly
- 14) Treatment of Itch Mite
- 15) Treatment of Hook Worm

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Mention different sources of Radiation, its effects and Prevention
- 2) Effects of Heat Stress
- 3) Prevention and Control of Global Warming
- 4) Different methods of Solid Waste Disposal and write in detail any of the method
- 5) Oxidation Pond

II. Short answers 10 X 3 = 30 marks

- 6) Surveillance of Water supply
- 7) Types of Ventilation
- 8) SulabhSauchalaya
- 9) Sources and Effects of Indoor Air Pollution
- 10) Define Deforestation and its Prevention
- 11) Horrock's apparatus
- 12) Effects of Air Pollution
- 13) Zoological Layer
- 14) Break Point Chlorination
- 15) Removal of Hardness of Water

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Write Prevention and Control of Scabies
2. Write in detail Mosquito Control Measures
3. Life History of House fly
4. Modes of Transmission of Diseases by Housefly
5. Life History of Ticks

II. Short answers 10 X 3 = 30 marks

- 6) Primary Prevention of Soil transmitted Helminths
- 7) Mode of transmission of Hookworm Infection
- 8) Treatment of Amoebiasis
- 9) Describe Ancylostomaduodenale or Hook worm with a neat diagram
- 10) Name six Mosquito borne diseases
- 11) Fly papers
- 12) Modes of transmission of Lice
- 13) Anti-larval measures
- 14) Sites of lesion of Scabies
- 15) Mode of spread of Scabies

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Causes of Hardness and Removal of Hardness of water
- 2) Water Seal Latrine
- 3) Standards of Housing
- 4) Causes of Air Pollution and its Prevention
- 5) Prevention of deforestation

II. Short answers 10 X 3 = 30 marks

- 6) Composting
- 7) Methods of sewage Disposal
- 8) Water Conservation
- 9) Effects of Noise Pollution
- 10) Acid Rain
- 11) Chlorination of Water
- 12) Define safe and Wholesome Water
- 13) Rural Housing
- 14) Sling Psychrometer
- 15) Overcrowding

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Primary prevention of Amoebiasis
2. Environmental control of mosquitos
3. Describe life history of mosquitos
4. Fly control measures
5. Control of lice infestation

II. Short answers 10 X 3 = 30 marks

- 6) Chemotherapy for hookworm
- 7) Effects of hookworm infection
- 8) Mode of transmission of soil transmitted infection
- 9) Mode of transmission of Amoebiasis
- 10) Describe Ascarislumbricoides or round worm with a neat diagram
- 11) Different methods of protection against mosquito bites
- 12) Describe Rat flea
- 13) Public Health Importance of Hookworm
- 14) Anti-adult measures of mosquitos
- 15) Diseases transmitted by housefly

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define safe and wholesome water. Enumerate water borne diseases
2. Housing standards for rural area
3. Effects of air pollution
4. Oxidation pond
5. Distinguish between rapid and slow sand filter

II. Short answers 10 X 3 = 30 marks

6. Principles of chlorination
7. Mention indices of thermal comfort
8. Name types of ventilation
9. What is green house effect
10. Sanitation barrier
11. Mention health hazards associated with swimming pool
12. Effects of cold stress
13. Name methods of refuse disposal
14. Sulabh shouchalay
15. Health hazards of solid wastes

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Classify arthropods and modes of disease transmission
2. Integrated vector control management
3. List the important arthropod borne diseases
4. House index, container index and Breteau index?
5. Life cycle of hookworm

II. Short answers 10 X 3 = 30 marks

6. Chandler's index
7. Partially Blocked flea
8. Flea indices
9. Features of anopheles mosquito
10. Deworming
11. Differentiate between hard tick and soft tick?
12. Life cycle of cyclop?
13. List the diseases caused by mite?
14. Fly control
15. Insecticide treated bed net

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

16. Describe a sanitary well
17. How ventilation and over- crowding play a role in disease transmission
18. Health hazards due to high temperature
19. Bangalore method of composting
20. Oxidation pond

II. Short answers 10 X 3 = 30 marks

21. Criteria for safe water
22. Enumerate the methods of household disinfection of water
23. Sanitation barrier
24. Causes of hardness of water
25. Mention health hazards associated with swimming pool
26. Methods of disinfection of air
27. Mention social goals of housing
28. Sulabh shouchalay
29. Mention methods of excreta disposal in sewerred areas
30. Residual chlorine

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Life cycle of mosquitoes
2. Anti-larval measures
3. Blocked flea and flea indices
4. Disease transmitted by sand fly and add a note on control measures
5. Control of scabies in a community

II. Short answers 10 X 3 = 30 marks

6. Chandler's index
7. Biological methods of vector transmission
8. Role of rodents in disease transmission
9. Control of fleas
10. Fly trap
11. Control of cyclops
12. Insecticide treated bed net
13. Source reduction measures for control of dengue
14. Breteau index
15. Life cycle of hookworm

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What are the various methods of purification of water at house hold level
2. Swimming pool sanitation
3. Global warming
4. Effects of noise pollution and its prevention and control
5. Housing standards for rural area

II. Short answers 10 X 3 = 30 marks

6. Criteria for safe water
7. Break point chlorination
8. Mention indices of thermal comfort
9. Name types of ventilation
10. What is green house effect
11. Causes of hardness of water
12. Hazards of radiation.
13. Methods of disinfection of air
14. Effects of cold stress
15. Name methods of refuse disposal

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Diseases transmitted by ticks and its prevention and control measures
2. List the diseases transmitted by rodents? Add a note on control measures
3. Life cycle of ascaris
4. Prevention and control of Hookworm infestation
5. Integrated vector control

II. Short answers 10 X 3 = 30 marks

6. Differentiate between Aedes and anopheles
7. List vector borne diseases
8. Biological control of mosquitoes
9. Life cycle of cyclop
10. Soil transmitted helminths
11. Biological methods of vector transmission?
12. Control of fleas
13. Fly trap
14. Itch mite
15. Insecticide treated bed net

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Explain hazards of radiation with examples
2. Rapid sand filter
3. Prevention and control of air pollution
4. Swimming pool sanitation
5. Water harvesting

II. Short answers 10 X 3 = 30 marks

6. Criteria for safe water
7. Principles of chlorination
8. Enumerate the methods of household disinfection of water
9. Name types of ventilation
10. Sanitation barrier
11. Differences between shallow well and deep well
12. Effects of cold stress
13. Name any 3 criteria for healthful housing
14. Name methods of refuse disposal
15. Mention methods of excreta disposal in sewerred areas

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Food borne helminths
2. Taenia solium
3. Diseases transmitted by sand fly and add a note on control of sand fly
4. Various types of insecticides
5. Filariasis transmission and its prevention

II. Short answers 10 X 3 = 30 marks

6. Features of anopheles mosquito
7. Chemical control measures of mosquito
8. Residual spray
9. Deworming
10. Personal protective measures for prevention of vector borne disease
11. Differentiate between hard tick and soft tick
12. List the diseases caused by mite
13. List vector borne diseases
14. Cyclop control
15. Lice borne disease

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper II

Q P CODE: 5113

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Global warming
2. Slow sand filters
3. Housing standards for rural area
4. Health hazards due to high temperature
5. Bangalore method of composting

II. Short answers

10 X 3 = 30 marks

6. Criteria for safe water
7. Enumerate the methods of household disinfection of water
8. Name types of ventilation
9. Sanitation barrier
10. Differences between shallow well and deep well
11. Mention health hazards associated with swimming pool
12. Methods of disinfection of air
13. Mention methods of excreta disposal in sewerage areas
14. Water borne disease
15. Health hazards of solid wastes

Subject: Paper II

Q P CODE: 5114

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Guinea worm infestation
2. Amoebiasis
3. Hookworm
4. List the diseases transmitted by rodents? Add a note on control measures
5. Scabies and its prevention and control

II. Short answers

10 X 3 = 30 marks

6. Differentiate between Aedes and anopheles
7. List vector borne diseases
8. Biological control of mosquitoes
9. Life cycle of ascaris
10. Life cycle of cyclop
11. Biological methods of vector transmission
12. Control of fleas
13. Fly trap
14. Chandler's index
15. Insecticide treated bed net

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Universal Immunization Programme
- 2) Incidence Rate and Prevalance Rate with an example each
- 3) Levels of Prevention and their Modes of Interventions with an example each
- 4) Carriers-Classify and give suitable examples
- 5) Concepts of Disease Causation

II. Short answers 10 X 3 = 30 marks

- 6) Contagious-Define and give an example
- 7) Reservoir-Define and give an example
- 8) Killed Vaccine-any three
- 9) BCG-Type and Route of Administration
- 10) Types of Disinfecting Agents-with an example each
- 11) Deep Freezer
- 12) Zoonosis-define and give an example
- 13) Adverse Events Following Immunization-any three
- 14) Uses of Screening-any three
- 15) Types of Epidemiological Studies

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Classify foods with suitable examples
- 2) Define Pasteurization. Discuss different methods of Pasteurization
- 3) Discuss in brief Community Nutrition Programmes
- 4) What is Meat Hygiene? Discuss Slaughter House Sanitation
- 5) Discuss the Sources and Deficiencies of Fat Soluble Vitamins

II. Short answers 10 X 3 = 30 marks

- 6) Define Macronutrients with an example
- 7) Uses of Health Information System.
- 8) Name any Three Notifiable Diseases
- 9) Hospital Records
- 10) Jaggery
- 11) Parboiling
- 12) Censes
- 13) Food Contaminants-Define and give an example
- 14) Uses of Vital Statistics - Any Three
- 15) Balanced Diet

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Indirect Transmission-under Modes of Disease Transmission
- 2) Define Epidemiology. Enumerate the types of Epidemiological Studies
- 3) Investigation of an Epidemic
- 4) Web of Causation. Explain with a suitable example
- 5) Carriers-Classify and give suitable examples

II. Short answers 10 X 3 = 30 marks

- 6) Eradication
- 7) Reservoir
- 8) Deep Freezer
- 9) Chemical Agents of Disinfection-any three
- 10) Endemic
- 11) Uses of Screening-any three
- 12) Adverse Events Following Immunization-any three
- 13) Name any three Live and Killed Vaccines
- 14) Incidence rate
- 15) BCG Vaccine-Dosage and Route of administration

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Define Health Information System (HIS) .Write Components of HIS
- 2) Discuss Milk Hygiene-Sources of Infection and Milk borne Diseases
- 3) Discuss Slaughter House Sanitation
- 4) Discuss in brief Community Nutrition Programmes
- 5) Mention the Effects of Iodine Deficiency Disorder. Mention Four Food items rich in Iodine

II. Short answers 10 X 3 = 30 marks

- 6) Mention any Three diseases transmitted by not maintaining proper Meat Hygiene
- 7) Assessment of Nutritional status-any three methods
- 8) Notification of diseases. Give an example of notifiable diseases
- 9) Pictogram
- 10) Millets-Write its nutritive value and give an example
- 11) Prevention of Food Adulteration Act
- 12) Birth and Death Registry
- 13) Parboiling
- 14) Anthropometric Assessment of
- 15) Define Macronutrients-give an example for each

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Carriers-Classify and give suitable examples
- 2) Investigation of an Epidemic
- 3) Spectrum of Disease
- 4) Web of Causation-with a suitable example
- 5) Levels of Prevention and their Modes of Intervention with an example each

II. Short answers 10 X 3 = 30 marks

- 6) Vaccine Vial Monitor(VVM)
- 7) Rate-give an example
- 8) Fomite borne Disease Transmission
- 9) Killed Vaccines-any three
- 10) Contagious-define and give an example
- 11) Define Epidemiology
- 12) Reservoir-with an example
- 13) Uses of Screening-any three
- 14) Pentavalent Vaccine
- 15) Prevalance-with suitable example

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Classify Food with suitable examples
- 2) Define Demography. Write Uses of Demography.
- 3) What is a) Food Surveillance b) Food Hygiene c) Milk Hygiene
- 4) Define Health Information Systems (HIS). Write components of HIS.
- 5) Discuss the Sources and Deficiencies of Water Soluble Vitamins

II. Short answers 10 X 3 = 30 marks

- 6) Balanced Diet
- 7) Millets- give its nutritive value and an example
- 8) Sources of Vitamin B12 rich foods-Any Three
- 9) Mid-day School Meal
- 10) Uses of Health information
- 11) Food additives-Define with an example
- 12) Pie -Chart
- 13) Iodine Deficiency Disorder Control Programme
- 14) Notification of diseases. Give an example of notifiable diseases
- 15) Vitamin C Deficiency

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Spectrum of Disease
- 2) Modes of Disease Transmission
- 3) Investigation of an Epidemic
- 4) National Immunization Programme
- 5) Incidence rate and Prevalance rate with an example each

II. Short answers 10 X 3 = 30 marks

- 6) Zoonosis-define and give an example
- 7) Uses of Screening-any three
- 8) Adverse Events Following Immunization-any three
- 9) Measles vaccine-Dosage and Route of Administration
- 10) Contagious Disease-Define and give an example
- 11) Live Vaccines-any three
- 12) Incubation Period
- 13) Vaccine Carrier
- 14) Types of Disinfecting agents-with an example each
- 15) Reservoir

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Sources and Deficiencies of Vitamin A. Add a note on Prevention of Vitamin A Deficiency
- 2) Growth Monitoring
- 3) Discuss the Nutritional Problems in Public Health in brief
- 4) Pasteurization
- 5) Registration of Vital Events

II. Short answers 10 X 3 = 30 marks

- 6) Micronutrients
- 7) Effects of Milling of Rice
- 8) Food Additives-Define with an example
- 9) Slaughter House Sanitation
- 10) Sources of Vitamin D
- 11) Dietary fibres
- 12) Define Demography
- 13) Effects of Milling of Rice
- 14) Notification of diseases. Give an example of notifiable diseases
- 15) Food Toxicants-any three

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Direct Transmission-under Modes of Disease Transmission
- 2) Define an Epidemic and discuss the types of Epidemics
- 3) National Immunization Schedule
- 4) Modes of Intervention under Primary Prevention
- 5) Chemical Agents used in Disinfection

II. Short answers 10 X 3 = 30 marks

- 6) Incubation Period
- 7) Types of Carriers
- 8) Types of Immunity
- 9) Chain of Infection
- 10) Define Cold Chain
- 11) Prevalance of Disease
- 12) Vaccine Vial Monitor(VVM)
- 13) Adverse Effects of BCG Vaccination
- 14) Uses of Screening-any three
- 15) Measles Vaccine-Dosage and Route of Administration

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Discuss the Sources and Deficiencies of Vitamin D. Add a note on Prevention of Vitamin D Deficiency
- 2) Define Demography. Write uses of Demography
- 3) Discuss the Community Nutrition Programmes
- 4) What are the different types of Health information System. Write a note on Census
- 5) Enumerate Milk borne Diseases. Discuss Pasteurization in detail

II. Short answers 10 X 3 = 30 marks

- 6) Parboiling
- 7) Meat inspection
- 8) Pie -Chart
- 9) Dietary fibres
- 10) Birth and Death Registry
- 11) Effects of Iodine deficiency
- 12) Micronutrients
- 13) Bar Charts
- 14) Balanced Diet
- 15) Nutritional problems in Public Health-any three

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Uses of epidemiology
2. Dynamics of disease transmission
3. Immunization schedule for an infant
4. Uses of screening
5. Web of causation

II. Short answers 10 X 3 = 30 marks

6. Measles vaccine
7. Incubation period
8. Proportion
9. Definition of epidemiology
10. Spot map
11. Epizootic
12. Reservoir
13. Adverse reaction in BCG vaccine
14. Prevalence
15. Sensitivity of test

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Protein energy malnutrition
2. ICDS programme
3. Balanced diet
4. Food additives
5. Energy rich foods

II. Short answers 10 X 3 = 30 marks

6. Invisible fats
7. Cows milk
8. Maize
9. Prudent diet
10. Low birth weight
11. soya beans
12. pasteurization
13. Niacin
14. Vitamin D
15. Dietary fiber

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Uses of screening
2. Web of causation
3. Epidemiological triad
4. Epidemiological tools for measurements
5. Types of prevalence

II. Short answers 10 X 3 = 30 marks

6. Reservoir
7. Adverse reaction in BCG vaccine
8. Prevalence
9. Sensitivity of test
10. Time trends
11. Measles vaccine
12. Incubation period
- 13 Proportion
14. Definition of epidemiology
15. Spot map1. Epizootic

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Food adulteration
2. Assessment of nutritional status
3. Vitamin A deficiency
4. Balanced diet
5. Diagnosis of anemia

II. Short answers 10 X 3 = 30 marks

6. Invisible fats
- 7.green leafy vegetables
- 8.parboiled rice
- 9.Beri-Beri
10. Endemic ascites
11. Low birth weight
12. Soya beans
13. Rickets
- 14.Xerophthalmia
15. Dietary fiber

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Uses of screening
2. Web of causation
3. Epidemic control
4. Modes of disease transmission
5. Endemic diseases

II. Short answers 10 X 3 = 30 marks

6. Measles vaccine
7. Incubation period
8. Proportion
9. Definition of epidemiology
10. Spot map
11. Epizootic
12. Reservoir
13. Adverse reaction in BCG vaccine
14. Prevalence
15. Sensitivity of test

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Mid-day meal programme
2. Balanced diet
3. Food toxicants
4. ICDS programme
5. Food additives

II. Short answers 10 X 3 = 30 marks

6. Dietary goals
7. protein rich foods
8. Vegetable oils
9. Cheese
10. soya beans
11. Endemic ascites
12. Xerophthalmia
13. Lathyrism
14. Iodine deficiency
15. Low birth weight

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Types of epidemiological methods
2. Types of screening
3. Endemic diseases
4. Levels of disease prevention
5. Web of causation

II. Short answers

10 X 3 = 30 marks

6. Active immunity
7. Toxoids
8. Vaccine Vial Monitor
9. The susceptible host
10. Surveillance
11. Enzootic
12. BCG vaccine
13. Anti-Rabies Vaccine
14. Chemoprophylaxis
15. Types of reservoirs

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Balanced diet
2. Food fortification
3. Food toxicants
4. Assessment of nutritional status
5. Mid day meal programme

II. Short answers

10 X 3 = 30 marks

6. Dietary fiber
7. protein rich foods
8. Pasteurization
9. Egg
10. Cows milk
11. Beri-Beri
12. Vitamin-C
13. Epidemic dropsy
14. Lathyrism
15. Vanaspathi

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Uses of screening
2. Chemoprophylaxis
3. Immunization schedule for an infant
4. Endemicity of diseases
5. Difference between screening and diagnostic test

II. Short answers 10 X 3 = 30 marks

6. Measles vaccine
7. Incubation period
8. Proportion
9. Definition of epidemiology
10. Spot map
11. Epizootic
12. Reservoir
13. Adverse reaction in BCG vaccine
14. Prevalence
15. Sensitivity of test

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. How do you classify foods
2. Protein energy malnutrition
3. Food adulteration
4. Diseases transmitted thru milk
5. Food fortification

II. Short answers 10 X 3 = 30 marks

6. Dietary goals
7. protein rich foods
8. Vegetable oils
9. Cheese
10. soya beans
11. Endemic ascites
12. Xerophthalmia
13. Lathyrism
14. Iodine deficiency
15. Low birth weight

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define an Epidemic and discuss the types of Epidemics
2. What are the different types of chemical agents for disinfection? Give examples for the same
3. Cold chain system
4. Define screening. What are criteria for a disease to be screened?
5. Define Epidemiology. Classify Epidemiological studies

II. Short answers 10 X 3 = 30 marks

- 6) Types of Carriers
- 7) List any 3 measurements in epidemiology
- 8) Define Cold Chain
- 9) Chain of Infection
- 10) Define prevalence. What are the two different types of the prevalence
- 11) Vaccine Vial Monitor (VVM)
- 12) Measles Vaccine-Dosage and Route of Administration
- 13) Adverse Effects of BCG Vaccination
- 14) Uses of Screening
- 15) What are the different types of biological transmission? Give example for the same.

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Sources of health information
2. Services under ICDS programme
3. Enumerate Milk borne Diseases. Discuss Pasteurization in detail
4. Vitamin D deficiency and prevention
5. Food borne diseases – classify. Discuss in detail about aflatoxin

II. Short answers 10 X 3 = 30 marks

6. Low birth weight
7. Bar chart
8. Name 3 community nutrition programmes
9. What are goitrogens? Give examples for the same
10. Types of sampling
11. Food adulteration
12. Name some foods rich in iron
13. Give examples for cereals
14. Balanced diet
15. Parboiling of rice

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define Screening, Types of screening
2. Modes of Disease Transmission
3. Define Epidemiology and classify epidemiological studies
4. Universal Immunization Programme
5. Incidence rate and Prevalence rate with an example each

II. Short answers 10 X 3 = 30 marks

- 6) Adverse Events Following Immunization-any three
- 7) Uses of Screening
- 8) Vaccine Carrier
- 9) Types of disinfecting agents-with an example each
- 10) Measles vaccine-Dosage and Route of Administration
- 11) Live Vaccines-any three
- 12) Incubation Period
- 13) Reservoir
- 14) Types of carriers
- 15) Define Epidemic and Endemic with example

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Food fortification
2. PFA act
3. Uses of health information
4. Endemic flurosis
5. Stages in Demography cycle

II. Short answers 10 X 3 = 30 marks

6. vital events
7. Name some foods rich in fats
8. Give examples for pulses
9. Iodized salt
10. Census
11. Food additives
12. Parboiling of rice
13. Classify Vitamins
14. sources of Vitamin B12
15. Mid-day School Meal

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Carriers-Classify and give suitable examples
2. Levels of Prevention and their Modes of Intervention with an example each
3. Spectrum of Disease
4. Web of Causation-with a suitable example
5. Uses of Screening

II. Short answers

10 X 3 = 30 marks

- 6) Define Epidemiology)
- 7) Rate-give an example
- 8) Fomite borne Disease Transmission
- 9) Live attenuated Vaccines-any three
- 10) Contagious-define and give an example
- 11) Prevalance
- 12) Reservoir-with an example
- 13) Vaccine Vial Monitor(VVM)
- 14) Pentavalent Vaccine
- 15) Uses of Epidemiology

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Census
2. Nutritional anaemia – causes, effects, prevention and control
3. Spectrum of iodine deficiency disorder
4. Lathyrism
5. Vitamin A deficiency, prevention and control

II. Short answers

10 X 3 = 30 marks

6. Define balanced diet
7. Define mean, median and mode
8. Food pyramid
9. Pasteurization
10. Sampling methods
11. Name some foods rich in calcium
12. Thiamine deficiency and prevention
13. What are the sources of Vitamin B12.
14. Food fortification
15. Age pyramid

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

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- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Carriers-Classify and give suitable examples
2. Types of Screening
3. Levels of Prevention with an example each
4. Uses of Epidemiological Studies
5. Define Epidemiology. Classify of Epidemiological Studies

II. Short answers 10 X 3 = 30 marks

- 6) Measles Vaccine-Dosage and Route of administration Eradication
- 7) Adverse Events Following Immunization-any three
- 8) Define Sensitivity and Specificity
- 9) Incidence rate
- 10) Endemic
- 11) Uses of Screening
- 12) Reservoir
- 13) Name any three Live and Killed Vaccines
- 14) Cold chain
- 15) Chemical Agents of Disinfection-any three

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What are the sources of Vitamin B12? What are the clinical manifestations of its deficiency and how to prevent it?
2. What is balanced diet? What are the nutritional requirements of a pregnant lady?
3. Epidemic dropsy
4. Demography Cycle.
5. Census

II. Short answers 10 X 3 = 30 marks

6. Role of dietary fiber in food
7. Pie charts
8. Uses of health information
9. Name some foods rich in vitamin C
10. Name some fat soluble vitamins
11. Give examples for foods rich in vitamin A.
12. Sources of vitamin D
13. Sources of thiamine
14. Statistical averages – mean, median and mode
15. Milk borne diseases

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Levels of Prevention and their Modes of Interventions with an example each
2. Define screening. What are criteria for a disease to be screened?
3. Universal Immunization Programme
4. Carriers-Classify and give suitable examples
5. Define Incidence Rate and Prevalence Rate with an example each

II. Short answers 10 X 3 = 30 marks

- 6) Adverse Events Following Immunization
- 7) Nosocomial infection
- 8) Live attenuated vaccine -any three
- 9) Types of Disinfecting Agents-with an example each
- 10) Uses of Screening
- 11) Deep Freezer
- 12) What are the different types of biological transmission? Give example for the same.
- 13) BCG-Type and Route of Administration
- 14) Define Epidemiology
- 15) Define eradication with example

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Food adulteration
2. Vitamin A deficiency, prevention and control
3. Pasteurization
4. Ergot poisoning
5. ICDS

II. Short answers 10 X 3 = 30 marks

6. Give examples for food fortification
7. Age pyramid
8. What are the functions of vitamin C
9. Name some foods rich in niacin
10. Clinical manifestations of folic acid deficiency
11. Name some ocular manifestations of vitamin A deficiency
12. Give examples for food borne infections.
13. Name some water soluble vitamins
14. Mean, Median and Mode
15. Name some diseases transmitted through milk

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Immunization Schedule
- 2) Define Carrier and mention different types of Carriers.
- 3) Define disinfection and mention different types of disinfection
- 4) Write different levels of Prevention. Write in detail Primary Prevention
- 5) Define Epidemic, write different types of epidemic

II. Short answers 10 X 3 = 30 marks

- 6) Vaccine Vial Monitoring
- 7) Epidemiological Triad
- 8) Define Zoonosis. Give two examples
- 9) Define Reservoir. Give two examples
- 10) Specific Protection
- 11) Measles Vaccine-Storage, Reconstitution and Route of administration
- 12) Write three adverse effects of Vaccination
- 13) Germ Theory of Disease
- 14) Define elimination and write two examples
- 15) Define Incidence

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. What is malnutrition? Causes of under nutrition.
2. Enumerate milk borne diseases. Discuss about Pasteurization.
3. Different types of Health Information System. Write about sources of HIS.
4. Define demography. Write uses of demography.
5. Define mean, median and mode.

II. Short answers 10 X 3 = 30 marks

- 6) Maternal Mortality Rate
- 7) Birth and Death registration.
- 8) Parboiling
- 9) Vit-A deficiency and its effects.
- 10) Prevention of calcium deficiency.
- 11) Dietary fibres.
- 12) Effects of iodine deficiency.
- 13) Meat Inspection
- 14) Bar charts.
- 15) Pictogram.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Investigation of epidemic
2. Define cold chain & Explain different cold chain materials available at Primary Health Center
3. Define incidence .write uses of incidence rate
4. Write different types of screening & its uses
5. Discuss Indirect transmission

II. Short answers

10 X 3 = 30 marks

- 6) Define Prevalence
- 7) Vaccine vail monitor
- 8) DDT
- 9) Define endemic, write two examples
- 10) Measles vaccine – storage, route of administration, dosage
- 11) Vaccine carrier
- 12) Define contagiousdiseases,give example
- 13) Define Zoonotic diseases, give 2 example
- 14) Iceberg phenomenon
- 15) Define epidemiology

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Ecology of Malnutrition.
2. Growth monitoring
3. Write diseases transmitted by wholesome meat and write about slaughter house sanitation.
4. Define Pasteurization and different methods of pasteurization.
5. Registration of vital events.

II. Short answers

10 X 3 = 30 marks

- 6) Dietary fibres
- 7) Write three examples for Vit. B12 rich food sources.
- 8) Define Balanced diet
- 9) Mid-day meal programme.
- 10) Food Additives
- 11) Milk hygiene
- 12) Define food additives. Give two examples
- 13) Notification of diseases.
- 14) Define demography.
- 15) Prevention of Food Adulteration Act.

PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. National immunization programme
2. Different modes disease transmission
3. Spectrum of disease
4. Web of causation with an example
5. Define Rehabilitation & write different methods Rehabilitation

II. Short answers 10 X 3 = 30 marks

- 6) Define epidemic, give two example
- 7) Cold box
- 8) Bleaching powder
- 9) Define Epidemiology
- 10) Uses of epidemiology
- 11) Epidemiological triad
- 12) BCG vaccine - route , dosage and storage of vaccine
- 13) Fomite transmission
- 14) Vitamin A solution – dosage, route, storage of vaccine
- 15) Define prevalence

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Sanitation of eating places.
2. Define Health Information System. Write components of HIS
3. Define food adulteration. Give four examples.
4. Prevention and Control of Iodine Deficiency Disorders
5. Define macronutrients with example for each

II. Short answers 10 X 3 = 30 marks

- 6) Anthropometric method of assessment
- 7) Parboiling
- 8) What are micronutrients? Give four examples.
- 9) Overnutrition.
- 10) Mention three milk-borne diseases
- 11) Meat inspection
- 12) Jaggery
- 13) Uses of dietary fibres
- 14) Pie chart
- 15) Sample registration system

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Different methods of screening
2. Spectrum of diseases
3. Define Epidemiology. Uses of epidemiology
4. Investigations of Epidemic
5. Adverse effect following immunization - (any five)

II. Short answers 10 X 3 = 30 marks

- 6) Measles vaccine – storage, dosage, route of administration
- 7) Define carrier. Mention two types of carrier with two example
- 8) Ice lined refrigerator
- 9) Pentavalent vaccine
- 10) Define vector borne diseases with two example
- 11) Define Incubation period
- 12) Modes of intervention under secondary prevention
- 13) Types of immunity
- 14) Savlon
- 15) Define contagious diseases with two example

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Mention the effects of iodine deficiency disorders. Mention four food items rich in iodine.
2. Discuss community nutrition programme.
3. Record linkage
4. Uses of Health Information System
5. Define pasteurization and discuss different methods of pasteurization.

II. Short answers 10 X 3 = 30 marks

- 6) Sanitation standards of slaughter houses.
- 7) Prevention of Vit. D deficiency
- 8) Define food additives. Give two examples.
- 9) Parboiling and its advantages
- 10) Hospital records.
- 11) Uses of demographic data
- 12) Pie chart
- 13) Define mean, median, mode
- 14) Mention any three survey methods.
- 15) Balanced diet.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
- ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

- 1) Iceberg phenomenon
- 2) Mention levels of prevention & write their modes of interventions
- 3) National Immunization Programme
- 4) Types of disinfectant agents. Write an example for each
- 5) Germ theory of diseases

II. Short answers 10 X 3 = 30 marks

- 6) Vaccine vial monitor
- 7) Pentavalent vaccine
- 8) Contagious diseases with two example
- 9) Define carrier. Write in detail about chronic carrier
- 10) Mention three live vaccines
- 11) Vitamin A solution – dosage , route , storage of vaccine
- 12) Storage of vaccine in Ice lined refrigerator
- 13) Uses of screening
- 14) Define rehabilitation
- 15) Define Incidence & write two uses

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Mid-day meal programme.
2. Sanitation of slaughter house
3. Uses of Health Information System
4. Prevention of Food Adulteration Act
5. Write about Milk-borne diseases and its prevention.

II. Short answers 10 X 3 = 30 marks

- 6) Record linkage
- 7) Define mean, median and mode
- 8) Pictogram
- 9) Bar chart
- 10) Uses of demography
- 11) Write three examples for iron-rich foods
- 12) Prevention of Vit-A deficiency
- 13) Prevention of Vit-C deficiency
- 14) Give three examples of protein-rich foods
- 15) Causes of Under-nutrition.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

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Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Enlist the difference between epidemic and endemic diseases
2. Discuss about direct transmission of infectious disease.
3. Cold chain system
4. What are the different types of chemical agents for disinfection? Give examples for the same
5. Define screening. What are criteria for a disease to be screened?

II. Short answers 10 X 3 = 30 marks

6. Define Epidemiology
7. Enlist the uses of incidence rate
8. Define Nosocomial infection. Give some examples for the same
9. Define the term eradication. Give an example of a disease which has been eradicated
10. Name some diseases spread through air borne infection
11. How can passive immunity be induced in an individual?
12. Give 3 examples for live attenuated vaccine
13. Name some screening tests conducted on elderly people
14. Bleaching powder
15. How can a room be disinfected?

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Uses of health information
2. Vitamin A prophylaxis programme
3. Services under ICDS programme
4. Vitamin D deficiency and prevention
5. Endemic flurosis

II. Short answers 10 X 3 = 30 marks

6. Bar chart
7. Low birth weight
8. Nutritive value of cow's milk
9. Name 3 community nutrition programmes
10. What are goitrogens? Give examples for the same
11. Give 3 examples for nutritional status indicators
12. Give examples for millets
13. Nutritive value of egg
14. Name three foods rich in iron
15. Give examples for cereals

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

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Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. What is chain of infection? Write a neat diagram of the same
2. Define incubation period. List the uses of incubation period concept in epidemiology.
3. Measles vaccine
4. Discuss the recommended disinfection procedures for faeces and urine
5. Define screening. What are criteria for a screening test to be considered as a suitable test to be screened?

II. Short answers

10 X 3 = 30 marks

6. List any 3 measurements in epidemiology
7. Define prevalence. What are the two different types of the prevalence
8. Define opportunistic infection. Give some examples for the same
9. What are the different types of biological transmission? Give example for the same.
10. Give 3 examples for killed vaccine
11. Vaccine carrier
12. Give any 3 examples for chemical agents for disinfection
13. Name some screening tests conducted on infants
14. Quarantine
15. Vaccine vial monitor (VVM)

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Prevention of Food Adulteration act
2. Food borne diseases – classify. Discuss in detail about aflatoxin
3. Food fortification
4. Niacin deficiency and prevention
5. Preventive measures of protein energy malnutrition (PEM) in the community

II. Short answers

10 X 3 = 30 marks

6. Name three vital events which needs to be registered
7. Kwashiorkor
8. Junk foods
9. Health effects of Severely acute malnutrition (SAM) child
10. Name three foods rich in fats
11. Toxic manifestation of endemic flurosis
12. Iodized salt
13. Give examples for pulses
14. Parboiling of rice
15. Nutritive value of egg

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

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Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define reservoir. Enlist the different types of reservoir.
2. What is herd immunity? When is it affected? What is its epidemiological importance?.
3. Give some health advice to travellers
4. Adverse events following immunization
5. List the criteria for screening applied both for the disease and the test.

II. Short answers 10 X 3 = 30 marks

6. List the basic tools of measurement
7. Define endemic
8. Define iatrogenic disease. Give some examples for the same
9. Give examples of diseases spread through contact with soil.
10. How can one acquire active immunity
11. Give some examples for toxoid mediated vaccine.
12. What is emporiatrics?
13. Name some screening tests conducted on middle aged men and women
14. Shake test
15. Name some uses of screening

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Sources of health information
2. Nutritional anaemia – causes, effects, prevention and control
3. Spectrum of iodine deficiency disorder
4. Lathyrism
5. Nutritional surveillance

II. Short answers 10 X 3 = 30 marks

1. Name any 3 diseases which need to be notified to WHO at the international level
2. Census
3. Marasmus
4. Obesity
5. Nuts and oilseeds
6. Define balanced diet
7. Food pyramid
8. Name three foods rich in calcium
9. Thiamine deficiency and prevention
10. What are the sources of Vitamin B12.

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

GENERAL INSTRUCTIONS:

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Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. SHORT NOTES: (5 MARKS*4QNS =20 MARKS) (ANSWER ANY 4 OUT OF 5)
2. Define carrier. Enlist the different types of carrier. Give examples for each
3. What is a vaccine? What are the different types of vaccine? Give example for the same
4. What are the different types of disinfection? Give examples for the same
5. Isolation and quarantine. Define and discuss its public health importance

II. Short answers

10 X 3 = 30 marks

6. Define incidence
7. Define epidemic
8. Define zoonotic disease. Give some examples for the same
9. Name any 3 in-direct mode of transmission of infectious disease
10. Define secondary attack rate
11. Classify passive immunity. Give examples for the same
12. Give examples for combination vaccines
13. IPV (injectable polio vaccine)
14. Name the different types of screening
15. Name some screening tests conducted on pregnant women

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions.

4 X 5 = 20 marks

1. Statistical averages – mean, median and mode
2. What are the sources of Vitamin B12? What are the clinical manifestations of its deficiency and how to prevent it?
3. What is balanced diet? What are the nutritional requirements of a pregnant lady?
4. Discuss the malnutrition/infection cycle. Name the different types of under-nutrition.
5. Epidemic dropsy

II. Short answers

10 X 3 = 30 marks

6. Pie charts
7. Name any 3 uses of health information
8. Role of dietary fibre in food
9. Give examples for green leaves. What is the nutritional importance of the same?
10. Nutritional importance of ragi
11. Name three foods rich in vitamin C
12. Name fat soluble vitamins
13. Give examples for foods rich in vitamin A.
14. Sources of vitamin D
15. Sources of thiamine

**PARAMEDICAL BOARD, BENGALURU
HEALTH INSPECTOR**

Time: 3.00 HRS

Max Marks:100

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Subject: Paper III

Q P CODE: 5115

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Classify the mode of transmission of infectious disease. Discuss about droplet infection
2. National immunization schedule (NIS)
3. What are the different types of physical agents for disinfection? Give examples for the same
4. What are the steps of investigation of an epidemic
5. Define screening. What are the uses of screening?

II. Short answers 10 X 3 = 30 marks

6. Define attack rate
7. Define contagious disease. Give some examples for the same
8. Name any 3 direct mode of transmission of infectious disease
9. What is a fomite? Name some diseases spread through fomites.
10. Name some diseases spread through unclean hands and fingers.
11. Classify active immunity. Give examples for the same
12. Define screening
13. Name some screening tests commonly conducted in the field.
14. How is sputum disinfected?
15. What is zoonosis? Give Example.

Subject: Paper III

Q P CODE: 5116

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Low birth weight and its significance
2. Define nutrition. Classify foods based on origin, chemical composition, predominant function and by nutritive value
3. Vitamin A deficiency, prevention and control
4. Ergot poisoning
5. Food adulteration

II. Short answers 10 X 3 = 30 marks

6. Give 3 examples for population surveys
7. Give examples for food fortification
8. Name some cultural influences resulting in malnutrition
9. Name diseases transmitted through milk
10. Give examples for food borne infections.
11. What are the functions of vitamin C
12. Name water soluble vitamins
13. Name foods rich in niacin
14. Clinical manifestations of folic acid deficiency
15. Name ocular manifestations of vitamin A deficiency