AUGUST 2007

[KR 1517]　　　　　　　　　**Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Third Year

Paper II — COMMUNITY MEDICINE

Time : Three hours　　　　　　Maximum : 100 marks

Theory : Two hours and　　　　Theory : 80 marks
　forty minutes

M.C.Q. : Twenty minutes　　　　M.C.Q. : 20 marks

Draw diagrams wherever necessary.

Answer ALL questions.

I.　Long Essay :　　　　　　　　(2 × 15 = 30)

1.　What is pneumoconiosis? Name different types of pneumoconiotic diseases. Describe silicosis in detail.
　　　　　　　　　　　　　　　(15)

2.　Define epidemiology. Give an account of descriptive epidemiology. Add a note on case control and cohort study.　　　　　　　　　　　(15)

II.　Write short notes on :　　　　(10 × 5 = 50)

1.　Human Development Index.

2.　Reasons for high IMR and steps to reduce it.

3.　Nutritional assessment of a community.

4.　Risk factors in stroke.

5.　Investigation in food poisoning.

6.　Antenatal check up in preventive obstetric.

7.　Prevention and control of HIV infection.

8.　Sanitory open well.

9.　Hazards of tobacco use.

10.　Iatrogenic diseases.

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AUGUST 2007

[KR 1517 A]   **Sub. Code : 1517**

THIRD B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

COMMUNITY MEDICINE

Time : Three hours   Maximum : 100 marks

Theory : Two hours and   Theory : 80 marks
      forty minutes

M.C.Q. : Twenty minutes   M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I.   Long Essay :   (2 × 15 = 30)

1.   (a)   Composition of sun rays and ill effects and benefits of sun rays.

      (b)   Composition of coffee, tea, alcohol and smoking and its effects on human health at all levels.

2.   Health Education – definitions, principles and methods in health communication.

II.   Short notes :   (10 × 5 = 50)

1.   Tenth Five Year Plan.

2.   Sources of health information.

3.   Nutritional assessment.

4.   Water pollution.

5.   Early diagnosis of genetic disorders.

6.   Specific health protection of antenatal care.

7.   Dimensions and determinants of health.

8.   Cardio vascular diseases.

9.   Food poisoning.

10.   Chickungunya.

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[KS 1517]   **Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

Third Year

(New Regulation)

Paper II — COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   Maximum : 100 marks

Theory : Two hours and   Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes   M.C.Q. : 20 marks

Draw diagram wherever necessary.

Answer ALL questions.

I.   Long Essay :   (2 × 15 = 30)

1.   Write in detail about Water–carriage system and
sewage treatment.   (15)

2.   Discuss   about   health   manning   and
Management.   (15)

II.   Short notes :   (10 × 5 = 50)

1.   Food borne disease.

2.   Antenatal.

3.   Infant feeding.

4.   Indian Red Cross Society.

5.   Employees State Insurance Act.

6.   Screening.

7.   Sanitation barrier.

8.   Pasteurization of milk.

9.   Mortality indications.

10.   Water Seal Latrine.

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August 2008

[KT 1517]   **Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

Third Year

(New Regulation)

Paper II — COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   Maximum : 100 marks

Draw diagram wherever necessary.

Answer ALL questions.

I.   Long Essay :   (2 × 15 = 30)

1.   Explain in detail about Environmental and Occupational Health.

2.   Define personal hygiene. Explain in detail about maintenance of personal hygiene.

II.   Short notes :   (10 × 5 = 50)

1.   Immunising agents.

2.   Tuberculosis.

3. Viral Hepatitis.

4. The role of public health in cardio-vascular-disease.

5. National health policy.

6. Primary health care.

7. The role of nutritional surveillance in public health.

8. Explain about balanced diet.

9. Preventive medicine in mother and child health.

10. Family planning.

III. Write short answers : (10 × 2 = 20)

1. Modern Medicine.

2. Mortality and Morbidity.

3. Tetanus.

4. Demography.

5. Gariatrics.

6. Medical statistics.

7. Aids.

8. Vaccination.

9. Pem.

10. Epidemiology.

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[KU 1517]   **Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

Third Year

(New Regulation)

Paper II — COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   Maximum : 100 marks

Draw diagram wherever necessary.

Answer ALL questions.

I.   Long Essay :   (2 × 15 = 30)

1.   (a)   What is meant by eradication of a disease?

(b)   What are the various methods of disease transmission? Give a detailed account.

2.   (a)   What is chlorination?

(b)   Discuss the steps involved in the chlorination of a well.

(c)   Describe double pot chlorination.

II.   Short notes :   (10 × 5 = 50)

1.   Over crowding.

2.   Mortality Indicators.

3.   Water seal latrine.

4.   Descriptive epidemiology.

5.   Sanitation barrier.

6.   UNICEF.

7.   Soakage pit.

8.   Composting.

9.   Live attenuated vaccine.

10.   Pasteurization of milk.

III.   Short answers :   (10 × 2 = 20)

1.   Types of ventilation.

2.   Name the chemicals making the water hard.

3.   Name the determinants of health.

4.   Draw a picture of epidemiological triad.

5.   Define surveillance.

6.   Crude death rate.

7.   What is incidence?

8.   Define Epidemic.

9.   Classify immunity.

10.   What is cold chain?

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[KV 1517]　　　　　**Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

Third Year

(New Regulation)

Paper II — COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours　　　　Maximum : 100 marks

Draw diagram wherever necessary.

Answer ALL questions.

I.　Long Essay :　　　　　　(2 × 15 = 30)

1.　Modes of intervention.

2.　Purification of water on a large scale.

II.　Short notes :　　　　　　(10 × 5 = 50)

1.　Smoking and community health.

2.　Food standards.

3.　Epidemic dropsy.

4.　Operation and maintenance of septic tank.

5.　Double pot method of chlorination.

6.　Primary health care.

7.　Under five clinic.

8.　Prevention of drug dependence.

9.　Problems of alcoholism.

10.　Life history of house flies.

III.　Short answer :　　　　　　(10 × 2 = 20)

1.　Define health according to WHO.

2.　What is whole some water?

3.　Define primary health care.

4.　What is risk group.

5.　Define monitoring.

6.　Case fatality rate.

7.　Prevalence.

8.　Define sporadic.

9.　What is herd immunity.

10.　Name physical contraceptive methods.

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[KW 1517]   **Sub. Code: 1517**

B.N.Y.S DEGREE EXAMINATION.

(New Regulations)

Third Year

Paper II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   **Maximum : 100 marks**

Answer ALL questions.

I. Essay Questions: **(2 x 15 = 30)**

 1. Dynamics of disease transmission.
 2. Community nutritional programmes.

II. Short Notes: **(10 x 5 = 50)**

 1. Kline felter syndrome.
 2. Prevention of food adulteration act.
 3. Oxidation pond.
 4. Over crowding.
 5. Prevention of genetic disorders.
 6. Prevention of behavioural problems.
 7. Causes of mental ill health.
 8. Red cross international.
 9. Mosquito control measures.
10. Concept of health.

III. Short Answers: **(10 x 2 = 20)**

 1. Types of well.
 2. PEM.
 3. Measurement of humidity.
 4. Censes.
 5. Elements of primary health care.
 6. Concepts of Disease.
 7. Uses of screening.
 8. Define epidemiology.
 9. Trachoma.
10. Cold chain.

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[KX 1517]   **Sub. Code: 1517**

B.N.Y.S DEGREE EXAMINATION.

(New Regulations)

Third Year

Paper II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   **Maximum : 100 marks**

Answer ALL questions.

I. Essay Questions: **(2 x 15 = 30)**

 1. Write in detail about objective, principles and practice of health education.
 2. Assessment of Nutritional Status.

II. Short Notes: **(10 x 5 = 50)**

 1. Bangalore method of waste disposal.
 2. Indicators of Health.
 3. Food poisoning.
 4. Balanced Diet.
 5. Indicators of MCH care.
 6. Low Birth Weight.
 7. Contraceptive methods.
 8. Difference between IPV & OPV.
 9. National Immunization Schedule.
10. Mental Health.

III. Short Answers: **(10 x 2 = 20)**

 1. Mention any two versions of New Philosophy of health.
 2. What is Xerophthalmia?
 3. World Health Day.
 4. Write down the functions of Vitamin-D.
 5. UNDP.
 6. Toxoids.
 7. Define Handicap.
 8. Infant mortality rate.
 9. Define "carriers" and classify it depending on "Portal of Exit"
10. Differentiate "Disinfectant" and "Disinfection"

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February 2011

[KY 1517]   **Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.

Third Year

(New Regulation)

Paper II — COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three hours   Maximum : 100 marks

Draw diagram wherever necessary.

Answer ALL questions.

I.   Long Essay :   (2 × 15 = 30)

1.   Analyse in detail about disease Transmission from Human Reservoir to Susceptible Host.

2.   Write about the sources of Ground water, its chemical disinfection of purification.

II.   Short notes :   (10 × 5 = 50)

1.   Write about the subjective and objective components of wellbeing.

2.   Write shortly about how environment determine the Health.

3.   Uses of descriptive epidemiology.

4.   'Rifampicin'.

5.   What are the long and short term objectives of NTP?

6.   Write in detail about the modifiable risk factors of Hypertension.

7.   Insuline Resistance Syndrome.

8.   Write about the Health Hazards of obesity.

9.   Analyse Domestic Accidents.

10.   Write down the causes of mental illheath.

III. Short answers : $(10 \times 2 = 20)$

1.   Define 'Epidemiology'.

2.   What is 'Cohort'?

3.   What is the aim of BCG vaccine?

4.   Risk-factors of Non-Communicable disease.

5.   Sources of errors in recording the blood pressure.

6.   'Ethnicity'.

7.   Major categories of cancer.

8.   Clinical classification of DM.

9.   Define BMI with its uses.

10. "Goitrogens".

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[KZ 1517]   **Sub. Code : 1517**

B.N.Y.S. DEGREE EXAMINATION.
Third Year
Paper II — COMMUNITY MEDICINE
Q.P. Code : 821517

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

I.   Long Essay :   **(2 × 15 = 30)**

1.   Give an account of Epidemiological features, prevention and control of Malaria.

2.   Give an account of Epidemiological features, prevention and control of obesity.

II.   Short notes :   **(10 × 5 = 50)**

1.   Complications of diabetes mellitus.
2.   Pulse polio programme.
3.   Compare and contrast the health situation in a developed country with that of a developing country.
4.   Occupational hazards of agricultural workers.
5.   Oxidation pond.
6.   Low birth weight - causes and prevention.
7.   Different methods of family planning.
8.   Immunization schedule of an Infant.
9.   Chlorination.
10. Food poisoning - types and prevention.

III.   Short answers :   **(10 × 2 = 20)**

1.   Biological control of mosquito.
2.   Coliform test.
3.   WHO.
4.   PQLI.
5.   DALY.
6.   Sanitation Barrier.
7.   Time distribution in Epidemiology.
8.   Eradication.
9.   Classification of leprosy.
10. DOTS.

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[LA 1517]   **Sub. Code: 1517**

B.N.Y.S. DEGREE EXAMINATION.
Third Year
Paper II-COMMUNITIVE MEDICINE
Q.P. CODE: 821517

Time: Three Hours   Maximum: 100 marks
Answer ALL questions

I. Elaborate on: (2x15=30)

1. Write about the assessment of Nutritional status in detail

2. What is analytical epidemiology? Write the types of analytical
   epidemiology and Explain case-control study

II. Write notes on: (10x5=50)

1. Epidemic Curve

2. Food poisoning

3. Sanitary well

4. Balanced diet

5. Pulse polio programme

6. Actinomycosis

7. Chlorination

8. Hazards of tobacco use

9. Define health and its dimension

10. Ergonomics

III. Short Answers   (10x2=20)

1. Kwarshiorkar

2. Herd immunity

3. Epidemiological Triad

4. Chemoprophylaxis

5. Swine flu

6. Aqua privy

7. Low birth weight

8. Water low's classification

9. Lathyrism

10. Cold Chain

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THIRD YEAR B.N.Y.S. DEGREE EXAM – AUGUST 2012
Paper – II COMMUNITY MEDICINE
Q.P. Code: 821517

Time: 180 minutes   **Maximum: 100 marks**
Answer ALL questions in the same order.

I. **Elaborate on:**

		Pages (Max.)	Time (Max.)	Marks (Max.)
1.	Write down the types, causes of mental illness and their preventive aspects?	16	25	15
2.	Mention the occupational diseases and their preventive measures in medical aspects?	16	25	15

II. Write notes on:

1.	What are the main aims of epidemiology according to IEA?	3	8	5
2.	Short Notes on "Sullivan's Index"?	3	8	5
3.	What is spectrum of health?	3	8	5
4.	What are the state responsibilities for health?	3	8	5
5.	Write down the Surveillance strategies of drinking water which protect us from water-borne-diseases?	3	8	5
6.	Write down the objectives of WHO?	3	8	5
7.	Concept of under – Fives clinic?	3	8	5
8.	What is the Concept of Cohort study?	3	8	5
9.	Adulteration of foods.	3	8	5
10.	Pasteurization of milk?	3	8	5

III. Short Answers on:

1.	Define epidemiology according to John M. Last	1	5	2
2.	Define disease according to oxford dictionary	1	5	2
3.	What is Zoonosis?	1	5	2
4.	Write down the features of "Vision 2020" in few lines?	1	5	2
5.	Short lines on Niacin.	1	5	2
6.	UNICEF.	1	5	2
7.	Classify handicapped children.	1	5	2
8.	Define Rehabilitation.	1	5	2
9.	"Selenium".	1	5	2
10.	"Slim disease".	1	5	2

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THIRD YEAR B.N.Y.S. DEGREE EXAMINATION – FEBRUARY 2013

PAPER II : COMMUNITY MEDICINE

Q. P. Code - 821517

Time : Three Hours   **Maximum : 100 marks**

ANSWER ALL QUESTIONS

I   ESSAY QUESTIONS :-   **2 X 15 = 30**
1   What are the Rights of the child declared by General Assembly of United Nations in 1959
2   Clarify in detail about the STANDARDS of Housing in all aspects

II   SHORT NOTES   **10 X 5 = 50**

1   Write a note on few Historian personalities of Revival of medicine

2   Write about the "KIDNEY HORMONE" with the effect of its deficiency?

3   Elements of Alma – Ata declaration about primary health care
4   What are the objectives of antenatal care
5   What are the Aims and objectives of health education

6   Write about the responsibilities of Arthropods for ill health and death

7   Calendar method of family planning
8   Explain "Over Crowding " situation
9   What are the health hazards and other impacts created by poor housing standards
10   Write briefly about humidity

III   SHORT ANSWERS   **10 X 2 = 20**
1   What are the compositions of air?

2   What is super natural theory?

3   Classify foods according to their nutritive value

4   What is Toxemias of pregnancy?

5   What are the specifications of wholesome water?

6   What are macro and micro nutrients?
7   Define maternal death
8   Write the clinical classification of diabetes mellitus?

9   What are the errors may happen in recording blood pressure?

10   What is corneal zerosis?

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[LD 1517]

Sub. Code: 1517

THIRD YEAR B.N.Y.S. DEGREE EXAMINATION – AUGUST 2013

PAPER II : COMMUNITY MEDICINE

Q. P. Code - 821517

Time : Three Hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I ESSAY QUESTIONS :- 2 X 15 = 30

1 What are the side effects & complications of a woman fixed with an IUD?
2 Write in detail about hazards, prevention & control of obesity

II SHORT NOTES 10 X 5 = 50

1 Write about aging health problems of old people.
2 Write about the child welfare agencies in India
3 List out the new philosophy of health
4 What are the objectives of postnatal care?
5 Narrate the motivating principle in health education
6 Write about the protective measures of mosquito bite
7 Explain the modern concept of family planning in WHO's purview?
8 What are the consequences of health, if solid wastes are accumulated?
9 What is the state Govt. responsibility for delivery system of services?
10 Explain standard principles for healthful housing recommended by WHO?

III SHORT ANSWERS 10 X 2 = 20

1 What is Medical Entomology?
2 Define 'stroke'.
3 What is humidity?
4 What is Indira Awas Yojana
5 Define health information system.
6 Write the sources of water with its criteria.
7 What is Toxoid?
8 What are Housing indicators to prevent illness & to secure mental health?
9 What is spontaneous & induced abortions.
10 What are iatrogenic diseases?

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THIRD YEAR B.N.Y.S. DEGREE EXAM

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three hours   **Maximum : 100 Marks**

Answer All questions

I. Essays Questions: **(2X15=30)**

1. Write the sources of ground water with the methods of their chemical disinfection of purification.

2. Write in detail about the objectives and responsibilities of WHO.

II. Short Notes: **(10X5=50)**

1. What are the eight essential components of primary health care services declared by Alma – Ata?
2. Major environmental factors of cancer.
3. Modern concepts of family planning.
4. Universal immunisation programme.
5. Aims of epidemiology.
6. Global warming.
7. Autoclaving .
8. Biomedical and Holistic concepts of health.
9. Aims and objectives of health education.
10. Write about dietary fibre.

III. Short Answers: **(10X2=20)**

1. Define epidemiology.
2. What is toxoid?
3. Define stroke.
4. What is demography?
5. Specifications of wholesome water.
6. What is humidity?
7. Taxaemias of pregnancy.
8. According to WHO nutritional anemia.
9. Any two uses of 'growth chart'.
10. What is spectrum of disease?

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THIRD B.N.Y.S. DEGREE EXAMINATION
PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 X 15 = 30)**

1. Define Epidemiology. Classify Epidemiological studies. Discuss case control study in detail.

2. What is safe and wholesome water. Explain methods of purification of water on large scale.

II. Short Notes: **(10 X 5 = 50)**

1. Modes of Transmission of Diseases.
2. Indicators of MCH care.
3. Fertility Related statistics.
4. Epidemiology, Risk factors, Prevention of Rheumatic heart disease.
5. Measures of Dispersion and Centering.
6. National Rural Health Mission.
7. Management methods and techniques.
8. Explain sensitivity and specificity of screening test.
9. Nutritional surveillance.
10. Practice of Health education.

III. Short Answers: **(10 X 2 = 20)**

1. Correlation and Regression.
2. Prevention of accidents.
3. Name some important international and national voluntary health organizations.
4. Control and Prevention of Pertusis.
5. Isolation and Quarentine.
6. Mid day meal scheme.
7. Vasectomy Vs Tubectomy.
8. National health Policy.
9. Hygiene of eating and Drinking.
10. Cancer Registry.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. What is the purpose of Health care services? Discuss the levels of Primary Health Care in India.

2. Explain Modern sewage treatment and digestion of sludge in detail with flow diagrams.

II. Write Notes on: **(10 x 5 = 50)**

1. Randomized Clinical Trail.
2. Planning cycle.
3. Epidemiology, Risk factors, Prevention of Coronary Heart diseases.
4. Discuss the "Natural history of Disease" with suitable example.
5. Prevention of mental Disorders.
6. Tests of significance.
7. Contraceptive methods.
8. Post natal care.
9. Investigation of an Epidemic.
10. Bhore Committee Recommondations.

III. Short Answers on: **(10 x 2 = 20)**

1. 'Rule of halves'.
2. Physical Quality of life Index (PQLI).
3. Primordial prevention.
4. Diet and cancer.
5. UNICEF.
6. Endemic Flurosis.
7. Panchayat Raj.
8. Association and Causation.
9. Adverse effects following immunization.
10. Prudent Diet.

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THIRD B.N.Y.S. DEGREE EXAMINATION
PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time : Three Hours   **Maximum : 100 marks**

Answer ALL questions

I. Essay Questions: **(2 x 15 = 30)**

1. Write in detail about the "modifiable risk factors" of hypertension.

2. What is primary health care? Write in detail about its principles and components.

II. Write notes on: **(10 x 5 = 50)**

1. Preventive measures of radiations.

2. Low Birth Weight.

3. Water – related diseases.

4. Causes of mental ill health.

5. Determinants of health.

6. Waste disposal – Bangalore method.

7. Balanced diet.

8. Targets of Tenth Five Year Plan.

9. Twenty point programme.

10. Diseases of vitamin – A deficiency with control measures.

III. Short answers on: **(10 x 2 = 20)**

1. Who is an auxiliary worker?

2. What is Trachoma?

3. Nosocomial infection.

4. What is Rooming – in?

5. Define sewage and dry weather flow.

6. Sources of errors in recording the blood pressure.

7. Domiciliary care.

8. Universal children's annual day.

9. Objectives of school health service.

10. Indira Awas Yojana.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Analyze the problem, causes, screening and prevention of cancer. Explain the epidemiology of oral cancer.
2. Determinants of Health and explain the concepts and indicators of health.

II. Write Notes on: (10 x 5 = 50)

1. Enumerate the Measurements in Epidemiology.
2. Note on Immunizing agents.
3. Brief history of Indian medicine.
4. Dynamics of disease transmission.
5. World Health Organization.
6. Explain about occupational Health.
7. Concepts of health, disease and prevention.
8. Importance of good lighting and ventilation in home.
9. Draw the flow chart depicting Planning cycle.
10. Occupational cancer and nutrition factors in prevention of cancer.

III. Short Answers on: (10 x 2 = 20)

1. Schematic diagram of the design of case control and cohort study.
2. Iceberg theory of diseases.
3. Classify carriers of communicable disease.
4. What is prudent diet?
5. Define: Epidemic disease.
6. What is spot map? How it is used in epidemiology?
7. Uses of screening tests.
8. Low birth weight.
9. Correlation and Regression.
10. Food poisoning.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code: 821517

Time : Three hours   **Maximum: 100 Marks**

Answer **ALL** questions.

I. Essay Questions: **(2 x 15 = 30)**

1. Explain Morbidity and Mortality rates and ratios in detail.
2. Discuss Occupational hazards and classify the occupational diseases. Explain Pneumoconiosis in detail.

II. Write Notes on: **(10 x 5 = 50)**

1. Describe various types of Immunity.
2. Natural history of disease.
3. Disease prevention and control.
4. Epidemiological determinants, Environmental factors, transmission, Incubation period, Clinical features, Prevention of Rubella.
5. Fertility related statistics.
6. Methods of purification of water.
7. Pneumoconiosis.
8. Hazards of air pollution.
9. Preventive, social measures to control genetic diseases. Add a note on rehabilitation.
10. Nutritional Anaemia.

III. Short Answers on: **(10 x 2 = 20)**

1. Who are Hygieia and panacea?
2. Spectrum of diseases.
3. Declaration of Alma Ata.
4. Epidemiological Triad.
5. Web of causation.
6. Functions of Physician
7. Definition of Epidemiology by John M.Last.
8. Types of cohort studies.
9. Cold Chain.
10. Occupational Dermatitis.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Define Health and explain the indicators of health in detail.
2. Write down the measures used to prevent occupational diseases.

II. Write Notes on: **(10 x 5 = 50)**

1. Levels of prevention.
2. Principles of chlorination.
3. Screening-its aim, types, and uses.
4. Pulse Polio Immunization.
5. Uses of Epidemiology.
6. Role of UNICEF in health services.
7. Assessment of Nutritional status.
8. Write a note on Maintenance and working of septic tank.
9. Prevention of Human rabies.
10. Prevalence – its types and uses.

III. Short Answers on: **(10 x 2 = 20)**

1. Objectives of Health education.
2. Barriers of communication.
3. Difference between visible fat and invisible fat.
4. Funtions of primary health care.
5. Safe and Wholesome water.
6. Bagassosis.
7. Define Battered baby syndrome.
8. Biological effects of radiation.
9. Clinical features of Mumps.
10. Uses of Health information.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. What is Pneumoconiosis? Name the different types of pneumoconiosis. Describe silicosis in detail.
2. Define Epidemiology. Explain descriptive epidemiology and add a note on case control and cohort study.

II. Write Notes on: **(10 x 5 = 50)**

1. Write about Klinefelter syndrome.
2. Explain about prevention of food adulteration act.
3. Explain oxidation pond.
4. Write about overcrowding.
5. Write about the prevention of genetic disorders.
6. Write about prevention of behavioral disorders.
7. What are the causes of mental illness?
8. What are the control measures of mosquito?
9. Explain briefly about the concept of health.
10. Explain briefly about Bagassosis and byssinosis.

III. Short Answers on: **(10 x 2 = 20)**

1. What are the types of well?
2. Define censes.
3. Write the elements of primary health care.
4. Define trachoma.
5. Define cold chain.
6. Define screening.
7. What is Xerophthalmia?
8. Write down the functions of vitamin- D.
9. Define goitrogens.
10. Define BMI with its uses.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Define Health education and explain the practice of health education in detail.
2. Classify Epidemiologic studies and explain in detail about Randomized controlled trials.

II. Write Notes on: **(10 x 5 = 50)**

1. Mechanical filters.
2. Dimensions of Health.
3. Low birth weight-its causes, prevention and treatment.
4. Write down the epidemiological determination of typhoid fever.
5. Criteria for screening.
6. Adverse effects of oral contraceptives.
7. Nutritional programmes in India.
8. Anti –rodent measures.
9. Lead poisoning.
10. Primary health care in India.

III. Short Answers on: **(10 x 2 = 20)**

1. Methods of simple purification of water.
2. Who is considered as "Eligible couples"?
3. Role of Indian Red Cross.
4. Difference between epidemic and endemic.
5. Contraindications of vaccination.
6. How to control noise pollution?
7. Define occupational health.
8. Define Zoonoses with examples.
9. Write about Germ theory of disease.
10. Define carrier and classify it.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Purification of water on a large scale.
2. Write in detail about the concepts of indicators of health and add a note on evaluation of health services.

II. Write Notes on: **(10 x 5 = 50)**

1. What are the eight essential components of primary health care services declared by ALMA- ATA?
2. Major environment factors of cancer.
3. Modern concepts of family planning.
4. Universal immunization programme.
5. Write about the aims of epidemiology.
6. Write about global warming.
7. Explain briefly about autoclaving.
8. Aims and objectives of health education.
9. Write about dietary fibre.
10. Briefly explain about the water seal latrine.

III. Short Answers on: **(10 x 2 = 20)**

1. Define pandemic.
2. What is toxoid?
3. Define stroke.
4. What is humidity?
5. Define Aids.
6. Toxemias of pregnancy.
7. According to WHO nutritional anemia.
8. Any two uses of 'Growth chart'.
9. What is spectrum of disease?
10. Define Zoonosis.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Explain the School health services in detail.
2. Give an account of epidemiological features, prevention and control of Hypertension.

II. Write Notes on: **(10 x 5 = 50)**

1. Uses and criteria of screening of diseases.
2. Modes of transmission of infectious diseases.
3. Determinants of health.
4. Principles of health education.
5. Japanese Encephalitis.
6. Difference between case control and cohort study.
7. Write the indicators of MCH care.
8. Measurements of mortality.
9. National Anti-Malaria Programme.
10. Nutritional Surveillance of drinking water quality.

III. Short Answers on: **(10 x 2 = 20)**

1. Measures to prevent heat stress.
2. Mental Hygiene.
3. What are the criteria should be followed before food fortification?
4. Lathyrism.
5. Sanitation barrier.
6. Action of DDT.
7. Explain the concept "Ice berg of disease".
8. Classify handicapped children.
9. Biological effects of light.
10. Types of disinfection.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Define personal hygiene. Explain in detail about maintenance of personal hygiene.

2. Explain in detail about Modes of intervention.

II. Write Notes on: **(10 x 5 = 50)**

1. Explain briefly about food borne diseases.
2. Explain antenatal care.
3. Write about infant feeding.
4. Write about Indian Red Cross Society.
5. Explain Employees State Insurance Act.
6. Write about screening.
7. What is sanitation barrier, implies?
8. Write about pasteurization of milk.
9. Explain briefly about mortality indicators of health.
10. Biomedical and holistic concepts of health.

III. Short Answers on: **(10 x 2 = 20)**

1. What is Modern Medicine?
2. Define Mortality and Morbidity.
3. Define tetanus.
4. What is demography?
5. Define geriatrics.
6. Define medical statistics.
7. Specifications of wholesome water.
8. Define vaccination.
9. What is PEM?
10. Define epidemiology.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. What are the different methods of Contraception? Describe in detail about IUD's.

2. Describe the Modern Sewage Treatment method.

II. Write Notes on: **(10 x 5 = 50)**

1. What are the objectives of postnatal care?
2. Demographic cycle.
3. Types of Screening.
4. Communication process.
5. What are the tools of measurement in Morbidity?
6. Levels of prevention.
7. Sanitary latrines.
8. Koplik spot.
9. Bohr committee.
10. Lathyrism.

III. Short Answers on: **(10 x 2 = 20)**

1. Sullivan's index.
2. Generation time
3. UNICEF.
4. Define Eradication.
5. Local dais.
6. Pulse Polio.
7. What is Cold Chain?
8. DALY.
9. Rules of Halves.
10. Mental Hygiene.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Write in detail about Disposal of Sewage.

2. Explain in detail about Epidemiologic methods, uses of Epidemiology and investigation of an Epidemic.

II. Write Notes on: **(10 x 5 = 50)**

1. Low birth weight.
2. AIDS – Control and Prevention.
3. Types of ventilation.
4. Primary Health Care.
5. What is National Tuberculosis Control Programme?
6. Occupational hazards.
7. Well being – Its Subjective and Objective component.
8. Types of Cohort Study.
9. Health Education.
10. Universal immunization programme.

III. Short Answers on: **(10 x 2 = 20)**

1. Define Handicap.
2. Define Bias.
3. Classify immunity.
4. Define Comfort Zone.
5. Break Point in Chlorination.
6. World Health Day.
7. Uses of Screening.
8. Droplet Nuclei.
9. Rules of Halves.
10. Acid Rain.

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THIRD B.N.Y.S. DEGREE EXAMINATION

PAPER II – COMMUNITY MEDICINE

Q.P. Code : 821517

Time: Three Hours   **Maximum : 100 Marks**

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Define Epidemiology. Classify the Epidemiologic methods. Describe in detail about Case Control Study.

2. Explain in detail about Pneumoconiosis.

II. Write Notes on: **(10 x 5 = 50)**

1. Screening and Prevention of Diabetes.
2. Dengue - its Stages, Control and Prevention.
3. Prevention of Tetanus.
4. Social aspects of Nutritional food hygiene.
5. DOTS.
6. Barrier Contraceptive Methods.
7. Antenatal Care.
8. Occupational dermatitis.
9. Under five clinics.
10. Isolation and Quarantine.

III. Short Answers on: **(10 x 2 = 20)**

1. Define Screening.
2. Hardness of Water.
3. Assessment Methods of Obesity.
4. Sanitation barrier.
5. Coliform test.
6. Red Cross Society.
7. Rickets.
8. Who is an auxillary health worker?
9. What is Toxoid?
10. Mudaliar Committee.

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[BNYS 0321]　　　　　　**MARCH 2021**　　　　　Sub. Code: 1517
(MAY 2020 & AUGUST 2020 SESSION)
B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
PAPER II – COMMUNITY MEDICINE
Q.P. Code : 821517

Time: Three Hours　　　　　**Answer ALL questions**　　　　Maximum : 100 Marks

I. Essay Questions:　　　　　　　　　　　　　　　　　　　**(2 x 15 = 30)**

1. Define Health Education and explain practice of health education in detail.

2. Write epidemiological determinants and control measures for Typhoid fever.

II. Write Notes on:　　　　　　　　　　　　　　　　　　　**(10 x 5 = 50)**

1. Difference between case control and cohort study.
2. Control measures to prevent Cancer.
3. Active Immunity.
4. Criteria for Screening.
5. Neonatal care.
6. Effects of Radiation and its control measures.
7. Toxicity of Insecticides.
8. Asbestosis.
9. Sources of health information.
10. UNICEF and its services.

III. Short Answers on:　　　　　　　　　　　　　　　　　**(10 x 2 = 20)**

1. Yellow Fever.
2. How Toxoids are prepared?
3. What are called Blocked Flea?
4. What is antiretroviral treatment?
5. Millenium Development Goals.
6. Functions of a physician.
7. Difference between Isolation and Quarantine.
8. Explain the process of Par boiling.
9. Rooming-in.
10. What is Sewerage System?

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B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2013-14)
PAPER II – COMMUNITY MEDICINE
Q.P. Code : 821517

Time: Three Hours   Answer ALL questions   Maximum : 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. What are the different methods of Contraception? Describe in detail about IUD's?
2. Describe the Modern Sewage Treatment method?

II. Write Notes on: (10 x 5 = 50)

1. Write short notes on Screening and Prevention of Diabetes.
2. Write short notes on Orthotoluidine Test.
3. Write short notes on Prevention of Tetanus.
4. Write short notes on Fertility.
5. What is DOTS? Write short notes on DOTS.
6. Write short notes on congenital rubella syndrome.
7. Write short notes on Antenatal Care.
8. Write short notes on Occupational dermatitis.
9. Write short notes on social factors and causation of Sexually Transmitted infections.
10. Write short notes on prevention of Hearing impairment.

III. Short Answers on: (10 x 2 = 20)

1. Define Handicap.
2. Define Bias.
3. Classify immunity.
4. Define Comfort Zone.
5. Break Point in Chlorination.
6. World Health Day.
7. Uses of Screening.
8. Droplet Nuclei.
9. Rules of Halves.
10. Acid Rain.

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

[BNYS 0322]   **MARCH 2022**   Sub. Code: 1517
(FEBRUARY 2021 & MAY 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – COMMUNITY MEDICINE
Q.P. Code : 821517

Time: Three Hours   Answer ALL questions   Maximum : 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. Enumerate the broad measures for the prevention of health problems of the elderly and discuss the measures that can be taken by the health functionaries.
2. Give an overview of the organization and functions of Integrated Child Development Scheme (ICDS).

II. Write Notes on: (10 x 5 = 50)

1. Write short notes on the various parameters for assessing the health care of a community.
2. Write short notes on sentinel surveillance.
3. Write short notes on Green House effect.
4. Write short notes on the measures to prevent environmental heat.
5. Write short notes on National Diarrhoeal disease control program.
6. Write short notes on the control measures for Dengue.
7. Write short notes on tobacco and alcohol related diseases.
8. Write short notes on emergency contraception.
9. Write short notes on prevention and control of air pollution.
10. Write short notes on the classification of insecticides.

III. Short Answers on: (10 x 2 = 20)

1. Sullivan's index.
2. Generation time
3. UNICEF.
4. Define Eradication.
5. Local dais.
6. Pulse Polio.
7. What is Cold Chain?
8. DALY.
9. Lathyrism.
10. Spot Map.

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B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – COMMUNITY MEDICINE
Q.P. Code : 821517

Time: Three Hours   Answer ALL questions   Maximum : 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. Define Epidemiology and explain Randomized Controlled Trials in detail.

2. Explain the various measures for the prevention of Occupational Diseases.

II. Write Notes on: (10 x 5 = 50)

1. Principles of Primary health care.
2. Nutritional Anaemia and its intervention measures.
3. Concepts of diseases and prevention.
4. Nutritional Surveillance.
5. Purification of water in small scale.
6. Epidemiological determinants for Pertussis.
7. Dimensions of health.
8. Pasteurization of Milk.
9. Effects of air pollution and its control measures.
10. Write about Intrauterine Devices and its mechanism.

III. Short Answers on: (10 x 2 = 20)

1. Kangaroo Mother Care.
2. Who is Eligible Couple?
3. Food Fortification.
4. Down Syndrome.
5. Difference between Epidemic and Endemic.
6. Define Carrier and its types.
7. Growth chart and its uses.
8. Zoonoses with examples.
9. Euthenics.
10. Types of Communication.

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[BNYS 0323]   **MARCH 2023**   **Sub. Code: 1517**
(AUGUST 2022 & OCTOBER 2022 EXAM SESSIONS)

B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – COMMUNITY MEDICINE

Q.P. Code: 821517

Time: Three Hours   Answer ALL questions   Maximum : 100 Marks

I. Essay Questions: **(2 x 15 = 30)**

1. Discuss Occupational hazards and classify the occupational diseases.

2. Explain in detail about Air pollution, its effects, add a note about Prevention and control measures.

II. Write Notes on: **(10 x 5 = 50)**

1. Zoonoses and control measures.
2. Combined pill.
3. Double pot method of Chlorination.
4. Types of Fats.
5. NRHM.
6. Domiciliary care.
7. Definition and Dimensions of Health.
8. World Health Organization.
9. Immunoglobulins.
10. Natural family planning methods.

III. Short Answers on: **(10 x 2 = 20)**
1. Low Birth Weight.
2. Essential amino acids.
3. Control of noise pollution.
4. Under five clinics.
5. Safe and wholesome water.
6. MMR.
7. Sanitation barrier.
8. Rule of halves.
9. DOTS.
10. Counseling.

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[BNYS 0923]   **SEPTEMBER 2023**   Sub. Code: 1517
(MAY 2023 EXAM SESSION)

B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – COMMUNITY MEDICINE

Q.P. Code: 821517

Time: Three Hours   **Answer ALL questions**   **Maximum : 100 Marks**

I. Essay Questions: **(2 x 15 = 30)**

1. Write in detail about Assessment of Nutritional Status.

2. Write about Determinants of Health and explain the concepts and Indicators of Health.

II. Write Notes on: **(10 x 5 = 50)**

1. Contraceptive methods.
2. Write about Occupational diseases, their prevention and control.
3. Primary health care, its characteristics and components.
4. Prevention and control of mental illness.
5. Pasteurization and Milk borne diseases.
6. Write short notes on Types of Ventilation.
7. Water quality standards.
8. Maternal and child health.
9. Write short notes on Obesity, its risk factors and complications.
10. Disease prevention and control.

III. Short Answers on: **(10 x 2 = 20)**

1. Bleaching powder.
2. Juvenile delinquency.
3. Oxidation pond.
4. Use of iron and folic acid tablets.
5. Postnatal care.
6. Body Mass Index.
7. Fatty acids.
8. Radiation hazards.
9. DAIS.
10. Sexually transmitted diseases.

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[BNYS 0124]   **JANUARY 2024**   **Sub. Code: 1517**
(JUNE 2023 / OCTOBER 2023 EXAM SESSIONS)

B.N.Y.S. DEGREE EXAMINATION
THIRD YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – COMMUNITY MEDICINE

Q.P. Code: 821517

Time: Three Hours   **Answer ALL questions**   **Maximum: 100 Marks**

I. Essay Questions: **(2 x 15 = 30)**

1. Describe Water Carriage system and Modern Sewage Treatment.

2. Write in detail about the Contents, Principles and Practice of Health education.

II. Write Notes on: **(10 x 5 = 50)**

1. Dimensions of health.
2. Uses of Epidemiology.
3. Modes of transmission of disease.
4. Immunoglobulin.
5. LBW.
6. Pneumoconiosis.
7. Indian Red Cross Society.
8. ASHA.
9. Protein Energy Malnutrition.
10. Prevention of Occupational diseases.

III. Short Answers on: **(10 x 2 = 20)**

1. Health for all.
2. Epidemiological triad.
3. Iceberg of disease.
4. Zoonoses.
5. VVM.
6. Uses of screening.
7. BCG.
8. Risk factors for Coronary Heart Disease.
9. Blocked flea.
10. Sickness absenteeism.

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