[KU 1255]   **Sub. Code : 1255**

FOURTH B.H.M.S. DEGREE EXAMINATION.

(Regulations 2004–05 onwards)

Pattern — 5

Paper IX — COMMUNITY MEDICINE

Q. P. Code : 581256

Time : Three hours   Maximum : 100 marks

I.   Long Essay :   (2 × 15 =30)

Answer any TWO questions.

1.   What is family planning? Classify contraception. Write a detail note on Hormonal contraception.

2.   Various method of health education.

3.   Disaster management in a earth quake affected area.

II.   Short notes :   (10 × 5 = 50)

Answer any TEN questions.

1.   Low Birth Weight.

2.   DPT vaccine.

3. Oxidation Pond.

4. Statistical averages.

5. Responsibilities of female health worker.

6. Types of ventilation.

7. Control and prevention of AIDS.

8. Mode of transmission of disease.

9. Various method of solid waste disposal.

10. Safe period.

11. Advantages of case control studies.

12. Mid day meal.

III. Short answers :   (10 × 2 = 20)

        Answer ALL questions.

1. Health.

2. UNICEF.

3. Scatter Diagram.

4. Chlorine Demand.

5. Comfort Zone.

6. Target couple.

7. Cold Chain.

8. Bagassosis.

9. Inertization.

10. Gambusia Fish.

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[KV 1255]   **Sub. Code : 1255**

FOURTH B.H.M.S. DEGREE EXAMINATION.

(Regulations 2004–05 onwards)

Pattern – 5

Paper IX — COMMUNITY MEDICINE

Q.P. Code : 581255

Time : Three hours   Maximum : 100 marks

I.   Write an essay on any TWO of the following :

(2 × 15 = 30)

1.   Describe briefly about epidemiology, agent factor, host factor, environmental factor, incubation period, clinical features and prevention and control of AIDS.

2.   Explain the indicators of health.

3.   Describe in detail the concepts and principles of primary health care.

II.   Write short notes on any TEN of the following :

(10 × 5 = 50)

1.   Hardness of water.

2.   Essential amino acids.

3.   Safe period method of contraception.

4. Slow sand filtration.

5. Kline Felter's syndrome.

6. Blocked flea.

7. Quarantine.

8. Schick test.

9. Stroke.

10. Bhore committee.

11. Panel discussion.

12. Anganwadi worker.

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

1. Clinical features of chicken pox.

2. What is cold chain?

3. Ocult filariasis.

4. Emerging diseases.

5. Coitus interrupts.

6. What are the basic tools of measurement in epidemiology?

7. What is nosocomial infection?

8. Define communicable period.

9. What are the types of cohort study?

10. Define generation time.

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February 2010

[KW 1255]   **Sub. Code : 1255**

FOURTH B.H.M.S. DEGREE EXAMINATION.

(Regulations 2004–2005 onwards)

Pattern – 5

Paper IX — COMMUNITY MEDICINE

Q.P. Code : 581255

Time : Three hours   Maximum : 100 marks

I.   Essay :   (2 × 15 = 30)

1.   What is positive health? And explain in detail indicators of health.

2.   Write an essay on large scale purification of water.

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

1.   Ice berg of disease.

2.   M.M.R. vaccine.

3.   O.R.S.

4.   Demographic cycle.

5.   Juvenile delinquency.

6.   Emerging and re-emerging diseases.

7.   Screening for diseases.

8.   Alma Ata declaration.

9.   Pneumoconiosis.

10.   Sickness absenteeism.

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

1.   Name the nutritional problems in public health.

2.   Define "Secondary Attack Rate'.

3.   Mode of administration of BCG vaccine.

4.   Eligible couples.

5.   Fats and oils are classified as ——————, —————— , —————— .

6.   Life expectancy means —————— .

7.   Small pictures of symbols are used to present the statistical data is called —————— .

8.   Air conditioning means —————— .

9.   Mode of transmission of hepatitis B —————— .

10.   The diagnosis sign of measles is —————— .

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[KX 1255]   Sub. Code: 1255

FOURTH B.H.M.S. DEGREE EXAMINATION.
(Regulations 2004-2005 onwards)
(Pattern – 5)
Paper IX – COMMUNITY MEDICINE
Q.P. Code : 581255

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

Draw neat diagram wherever necessary.
Answer ALL questions.

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

1. Mention the Nutritional problems prevailing in Indian Public Health. Discuss any one in detail.

2. Describe various methods of Family Planning in detail.

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

1. Levels of Prevention.
2. Vaccines.
3. Discuss the Epidemiology of acute diarrhoeal disease.
4. Medical Termination of Pregnancy.
5. Vitamin A deficiency disorders and its prevention.
6. Define Epidemiology and Epidemiological Triad.
7. E.S.I. Act.
8. Obesity.
9. Pasteurization of Milk.
10. Growth Chart.

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

1. Balanced Diet.
2. Disinfection.
3. Target Couple.
4. ORS.
5. Weaning.
6. Quarantine.
7. Sullivan's Index.
8. Koplick's Spot.
9. Food Hygiene.
10. Cold Chain.

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[LA 1255]   **Sub. Code: 1255**

FOURTH B.H.M.S. DEGREE EXAMINATION

PAPER IX - COMMUNITY MEDICINE
Q .P .Code: 581255

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

Answer ALL questions

I. Elaborate on: **(2 x 20 = 40)**

1. Family planning, explain different methods of contraception.

2. What are indicators of health and explain it in detail.

II. Write notes on: **(10 x 6 = 60)**

1. Oxidation pond.
2. Alma Ata Declaration.
3. Positive health.
4. PHC.
5. Low birth weight.
6. National Rural Health Mission.
7. Growth chart using in India.
8. Endemic flurosis.
9. Census.
10. WHO.

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

1. Immunoglobulins.
2. Essential amino acids.
3. Weaning
4. Panel discussion.
5. Picto gram.
6. Antiseptic.
7. Food fortification.
8. Zoogleal layer.
9. Life expectancy.
10. Drug dependence.

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[LB 1255]   **Sub. Code: 1255**
FINAL B.H.M.S. DEGREE EXAM – AUGUST 2012
Paper – IX COMMUNITY MEDICINE
Q .P .Code: 581255

Time: 180 Minutes   **Maximum: 100 Marks**
Answer ALL questions

I.Elaborate on: **Pages Time Marks**
                                                   (Max.)(Max.)(Max.)

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Define ESI act and explain benefits of ESI.	16	25	15
2. Write in detail different methods of excreta disposal.	16	25	15

II. Short notes on:

1. Safe period method of contraception.	3	8	5
2. National immunization schedule.	3	8	5
3. Mantoux test.	3	8	5
4. Cohort study.	3	8	5
5. UNICEF.	3	8	5
6. Blocked flea.	3	8	5
7. Ventilation.	3	8	5
8. Hardness of water.	3	8	5
9. Balanced diet.	3	8	5
10. Sampling.	3	8	5

III. Short Answers on:

1. Eligible couples.	1	5	2
2. Antinatal care.	1	5	2
3. Pie chart.	1	5	2
4. Koplik's spot.	1	5	2
5. Herd immunity.	1	5	2
6. Break point chlorination.	1	5	2
7. Antisera.	1	5	2
8. Sewage.	1	5	2
9. Trained traditional dais.	1	5	2
10. Persuasion.	1	5	2

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FINAL B.H.M.S. DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code : 581255

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

Answer ALL questions

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

1. Describe the Epidemiological determinants of Measles.

2. Write the sources and deficiency sign of Vitamin A and describe the prevention of Vitamin A deficiency.

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

1. World Health Organization
2. Positive Health
3. Prevalence
4. Bagassosis
5. Lathyrism
6. Balanced diet
7. Functions of Primary Health Centre
8. Pellagra
9. Obesity
10. Bacille Calmette–Guérin

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

1. Cyclops
2. Pictograms
3. Occult filariasis
4. Incubation Period
5. Oral Rehydration Salt
6. Aflotoxins
7. Zoonosis
8. Secular trend
9. Genes.
10. Goitrogens

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FINAL B.H.H.S. DEGREE EXAM - AUGUST 2013

PAPER IX – COMMUNITY MEDICINE

Q.P. CODE: 581255

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

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS: **2 X 15= 30**

1. Describe the Prevention of blindness.
2. Describe the disaster management of earth quake.

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

1. Pulse Polio Immunization
2. Pasteurization of milk
3. Warning signals of poor mental health
4. Q fever
5. Healthy carriers
6. Quarantine
7. Beriberi
8. Germ theory of disease
9. Hospital acquired infection
10. Emerging disease

III. SHORT ANSWERS   **10 X 2= 20**

1. Cold chain
2. Accredited Social Health Activist
3. Communicable disease
4. Eradication
5. Juvenile Delinquency
6. Eligible Couple
7. Family planning
8. Amniocentesis
9. Blocked flea
10. Food fortification

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FOURTH PROFESSIONAL B.H.M.S. DEGREE EXAM

PAPER IX – COMMUNITY MEDICINE

Q.P. Code : 581255

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

Answer All questions

I. Essay Questions: (2X15=30)

1. Purification of water in large scales.

2. Write in detail about contraceptive methods

II. Short notes: (10X5=50)

1. Epidemiology of Acute Diarrheal Diseases
2. Web of Causation

3. Carriers

4. Obesity

5. Disaster Response

6. Sickness Absenteeism

7. Methods of Health communication

8. Food fortification

9. Primary Health Centre

10. Oxidation pond

III. Short Answers: (10X2=20)

1. Secondary attack rate
2. ARV

3. Sensitivity

4. Water-Borne diseases

5. Sanitation barriers

6. Byssinosis

7. Bhore committee

8. Trans fats

9. Minimum needs programme

10. Re-emerging diseases

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FOURTH B.H.M.S DEGREE EXAM
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Write about intestinal infections? Explain in detail about acute diarrhoeal disease and its prevention ?

2. Define Disaster. Write its management?

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

1. Define vaccine and its types
2. Growth Chart
3. Define food poisoning - type and prevention
4. Explain MTP act
5. Investigation of Epidemic disease
6. ESI act and its benefit
7. Mudaliar Committee
8. Septic Tank
9. Define and classify insecticides
10. Levels of Prevention

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

1. Water- borne disease
2. Kangaroo mother care
3. Quarantine
4. Trench method
5. Two types of Communication
6. Gambusia affinis
7. Lead time
8. Census
9. DOTS
10. Communicable period

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Write an essay about Occupational hazards. Explain about Pneumoconiosis and its prevention.

2. What is Positive health? Explain in detail about indicators of health.

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

1. Sampling Methods.
2. DPT.
3. Cold Chain.
4. ORS.
5. School Health services.
6. NRHM - Plan of action.
7. Types of Ventilation.
8. Pasteurization of milk.
9. Incineration.
10. Composting.

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

1. Single blind method.
2. Sewage definition.
3. Double pot Method.
4. ICDS Programme.
5. Criteria for screening.
6. FAO.
7. Ergonomics.
8. Ice Berg phenomenon.
9. Pearl index.
10. Triage.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

Time: Three Hours   **Maximum: 100 Marks**
Answer All Questions

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

1. Write an essay about National Health programme in India and explain about National Tuberculosis control programme.

2. Define Epidemiology. Classify Epidemiological method. Explain in detail about Cohort study.

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

1. BCG.
2. Write necessary point to assess nutritional status.
3. WHO - Structure and function?
4. Dengue – Types and Control measures.
5. Low birth Weight.
6. Chlorination of Water.
7. Method of health communications.
8. Silicosis.
9. Millennium development goal.
10. Mosquito control measures.

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

1. Secondary attack rate.
2. Target couples.
3. Biological hazards.
4. Iodized Salt.
5. Bonding.
6. Incidence.
7. Comfort Zone.
8. Sullivan's Index.
9. Infant Mortality rate.
10. Specificity.

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FOURTH B.H.M.S. DEGREE EXAMINATION

PAPER IX – COMMUNITY MEDICINE

Q.P. Code : 581255

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

Answer All questions

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

1. Write in detail about different methods of excreta disposal.
2. Write an essay on nutritional problems in Public Health.

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

1. Surveillance.
2. Control and prevention of AIDS.
3. Screening of disease.
4. VISION 2020 programme.
5. Hardness of water.
6. Pulse Polio Immunization.
7. Air-Pollutants.
8. Anti-Larval methods in Mosquito control.
9. Maternal Mortality Rate.
10. UNICEF.

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

1. Rehabilitation.
2. Define Pandemics and give two examples.
3. Isolation.
4. Tetanus Toxoids.
5. Aflatoxins.
6. Superchlorination.
7. Overcrowding.
8. ASHA.
9. Pie-chart.
10. Live vaccines.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Discuss and Differentiate the Retrospective and Prospective studies in Research.

2. Explain briefly about Excreta disposal.

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

1. Germ theory of disease.
2. Positive Health.
3. Iceberg of disease.
4. Proportional mortality rate.
5. Uses of Epidemiology.
6. National immunization schedule.
7. Investigations of Tuberculosis.
8. Epidemiology of RHD.
9. Dengue fever control.
10. Voluntary organizations.

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

1. Relative risk.
2. Isolation.
3. Sensitivity.
4. Mumps surveillance.
5. Low Birth Weight.
6. Battered baby syndrome.
7. Protein energy ratio.
8. Regression.
9. Frustrations.
10. Oxidation pond.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Explain briefly about Health Planning in India.
2. Describe briefly about the Employees State Insurance Act.

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

1. Arthropod borne diseases.
2. Antenatal care.
3. Acute diarrhea.
4. Alma ata declaration.
5. Statistical Average.
6. Warning signals of poor mental health.
7. Juvenile delinquency.
8. Growth chart used in India.
9. Female sterilization.
10. Zoonoses.

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

1. Census.
2. Farmer's lung
3. HCH.
4. Comfort zone.
5. Sand bed.
6. Conflicts.
7. Corneal xerosis.
8. Male pill.
9. BMI.
10. NTP.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

Time: Three Hours   **Maximum: 100 Marks**
Answer All Questions

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

1. Define Hospital waste management? Explain in detail about sources, treatment and disposal technologies for health care waste?

2. What are STDs? Give a brief account of the epidemiology of AIDS and its prevention?

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

1. PHC.
2. Dimensions of Health.
3. Case Control Study.
4. Live Vaccines.
5. Quarantine.
6. Influenza.
7. National Anti Malarial Programme.
8. School health service.
9. Disinfection.
10. Define Standard Deviation? Find out the SD of 10 individuals having the Diastolic BP OF 83, 75, 81, 79, 71, 95, 75, 77, 84 and 90.

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

1. WHO.
2. Panchayath raj.
3. Bhore committee.
4. Marasmus.
5. Mental health services.
6. Insecticides.
7. BCG.
8. Vital layer.
9. Prudent diet.
10. Maternal mortality rate.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Risk factors and prevention of Hypertension.
2. Criteria for screening.

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

1. Levels of Health care.
2. Sanitation Barrier.
3. Typhoid fever.
4. Occupational Hazards.
5. Community Health Centre.
6. Indian Red-cross.
7. Millennium Development Goals.
8. Disaster Preparedness.
9. Prevention of blindness.
10. Food additives.

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

1. Inertization.
2. Pie chart.
3. Drug abuse.
4. Ice-berg phenomena of disease.
5. Oral Rehydration Solution.
6. Eligible Couple.
7. Pellagra.
8. Incubation period.
9. Koplik's spots.
10. Cold chain.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

Time: Three Hours **Maximum: 100 Marks**
Answer All Questions

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

1. Purification of water in a large scale.

2. Various methods of Health education.

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

1. Sources and functions of protein.
2. Food Fortification.
3. Advantages and disadvantages of combined oral pills.
4. Lathyrism.
5. Guinea worm diseases.
6. Silicosis.
7. Mid-day meal.
8. World Health organization.
9. Growth chart.
10. Ventilation.

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

1. Balanced diet.
2. Relative risk.
3. Beriberi.
4. M.M.R. Vaccine.
5. Cysticercosis.
6. Zoonoses.
7. Secular trend.
8. Epidemiology.
9. Personality trait.
10. Contamination.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. What is Family Planning? Explain different methods of contraception.

2. What are Indicators of Health and explain it in detail?

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

1. Sickness absenteeism.
2. Oxidation pond.
3. Endemic fluorosis.
4. Obesity.
5. Positive health.
6. Q fever.
7. Pasteurization of milk.
8. Effects of air pollution.
9. Pulse-Polio Immunization.
10. Warning signals of poor mental health.

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

1. Germ theory of diseases.
2. Airborne diseases.
3. Emerging diseases.
4. Herd immunity.
5. Blocked flea.
6. Vital statistics.
7. Aids Related complex.
8. Pictogram.
9. Vitamin A-prophylaxis.
10. Vaccine.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. What is Epidemiology? Explain epidemiology of Polio, detail control and preventive measures of polio.

2. Health planning in India.

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

1. Indicators of health – mortality and morbidity.
2. Modes of intervention.
3. Mudaliar committee.
4. Insecticides.
5. Vitamin deficiency and disorder with prevention.
6. Natural history of disease.
7. Milk pasteurization.
8. Tabulations and charts.
9. Hormonal contraceptives.
10. Modes of transmission of disease.

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

1. Parboiling.
2. Couple protection rate.
3. Methods of Transmission of disease by housefly.
4. Vital layer.
5. Globe thermometer.
6. Census.
7. Essential amino acid.
8. Life expectancy.
9. Cold chain.
10. Tagging and triage.

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FOURTH B.H.M.S DEGREE EXAMINATION
PAPER IX – COMMUNITY MEDICINE

Q.P. Code: 581255

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

Answer All Questions

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

1. Nutritional health problems in India.

2. Detail analytical study.

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

1. Pneumoconiosis.
2. Disinfectant.
3. Levels of prevention.
4. Types of ventilation.
5. ESI Act.
6. Mother and child care.
7. Methods of health education.
8. Mosquito control measures.
9. ICDS Scheme.
10. Bhore committee.

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

1. Sewage.
2. Zoonosis.
3. Local DAI'S.
4. Chlorine demand.
5. Emerging disease.
6. Protective foods.
7. OPV Vaccine.
8. Double edged sward.
9. Target couple.
10. Herd immunity.

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