

0810

21415

3 Hours / 80 Marks

Seat No.

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- Instructions :** (1) All Questions are *compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt of any EIGHT of the following :

16

- (a) Name the vitamin causing following deficiency diseases :
- (i) Rickets
 - (ii) Night Blindness
 - (iii) Scurvy
 - (iv) Pellagra
- (b) Define the terms :
- (i) Disease
 - (ii) Health
- (c) Write the role of pharmacist in promoting family welfare/planning.
- (d) Name the orthropod transmitting following diseases :
- (i) Plague
 - (ii) Kala Azar
 - (iii) Cholera
 - (iv) Malaria

P.T.O.

- (e) Give the emergency treatment for shock.
- (f) Name causative agent of following diseases :
 - (i) Rabies
 - (ii) Chickenpox
- (g) Name the disease due to following causative agent :
 - (i) Treponema Pallidum
 - (ii) Bordetella Pertusis
- (h) Write prevention and control of Coronary Heart Diseases.
- (i) What do the following acronyms stand for ?
 - (i) HIV
 - (ii) TT
 - (iii) RNA
 - (iv) STD
- (j) What is balanced diet ?
- (k) Define fertility and name the four factors affecting fertility.
- (l) Draw well labelled diagram of Bacteria cell.

2. Attempt any FOUR of the following :

12

- (a) Name various indicators used for measurement of health and explain mortality indicators.
- (b) Define the terms :
 - (i) Physical health
 - (ii) Social health
 - (iii) Mental health
- (c) Define Immunity. Discuss its types.
- (d) Classify vitamins and write sources of Vit. C.
- (e) Write the elements of Minor Surgery and dressing.
- (f) Write the First Aid treatment given in snake bite.

3. Attempt any FOUR of the following :**12**

- (a) Classify bacteria depending upon their shape.
- (b) Define staining and explain Acid Fast Staining.
- (c) Define noise and state ill-effects of noise.
- (d) Discuss the design and mechanism of Septic Tank.
- (e) What are the major sources of water pollution ? How water pollution can be prevented ?
- (f) Define the terms :
 - (i) Incubation period
 - (ii) Epidemiology
 - (iii) Antiseptic

4. Attempt any FOUR of the following :**12**

- (a) Write causes and preventive measures of Cancer.
- (b) Classify family planning methods with examples.
- (c) Give three advantages and three disadvantages of oral contraceptives.
- (d) Name the methods for large scale purification of water and explain "Slow Sand Filtration" for purification.
- (e) What are Hospital acquired infections ? Write prevention and control of hospital acquired infections.
- (f) Write disinfection procedure for :
 - (i) Dead bodies
 - (ii) Faeces and Urine
 - (iii) Room

- 5. Give the causative agent, mode of transmission and prevention of any FOUR of the following diseases :** **12**
- (a) Leprosy
 - (b) AIDS
 - (c) Cholera
 - (d) Tuberculosis
 - (e) Influenza
 - (f) Plague
- 6. Attempt any FOUR of the following :** **16**
- (a) Explain “Natural history of disease”.
 - (b) Give the advantages and disadvantages of condoms.
 - (c) Write sources and deficiency diseases of Vitamin B₁ and Vitamin B₁₂.
 - (d) Define the term vaccine. Write “National Immunisation Schedule”.
 - (e) What is artificial respiration ? Explain “Kiss of Life” (Mouth to Mouth respiration)
 - (f) Write causative factors, prevention, care and control of Diabetes Mellitus.
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15162**3 Hours / 80 Marks**

Seat No.

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- Instructions :** (1) All Questions are *compulsory*.
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(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.

Marks**1. Answer any EIGHT of the following :****16**

- (a) Define the terms :
- (i) Balanced diet
 - (ii) Medical entomology
- (b) Name a deficiency disease of following nutrients :
- (i) Vit. D
 - (ii) Vit. B₁
 - (iii) Iodine
 - (iv) Protein
- (c) Define the terms :
- (i) Nutrition
 - (ii) Disinfection
- (d) Give long forms of following abbreviations :
- (i) BCG
 - (ii) MMR
 - (iii) TT
 - (iv) WHO

P.T.O.

- (e) Give two examples each of the following :
 - (i) Physical methods of contraception
 - (ii) Acid fast bacterias
- (f) What do you know about
 - (i) Concurrent disinfection
 - (ii) Terminal disinfection
- (g) Define the terms :
 - (i) Diabetes mellitus
 - (ii) Microbiology
- (h) Name different sources of water.
- (i) Enumerate various indicators of health.
- (j) Write causes of Air pollution.
- (k) Write mode of transmission of :
 - (i) Rabies
 - (ii) Tetanus
- (l) Classify Immunising agents.

2. Answer any FOUR of following :

12

- (a) Write sources, functions, deficiency diseases of Vit. A.
- (b) Define the term Demography. Explain demographic cycle.
- (c) Enumerate determinants of health. Explain any one.
- (d) Define nosocomial infections. Write prevention and control of nosocomial infections.
- (e) Write First Aid for shock.
- (f) Write importance and procedure of 'Gram Staining'.

3. Answer any FOUR of following : 12

- (a) Define blindness. Write causes, prevention and control of blindness.
- (b) Enlist different methods of isolation of bacteria. Explain any one.
- (c) Write about hormonal contraceptives.
- (d) Describe various methods of small scale purification of water.
- (e) Write First Aid treatment for snake bite.
- (f) Discuss in detail Noise Pollution.

4. Answer any FOUR of following : 12

- (a) Define hypertension. Write causes, prevention and control of hypertension.
- (b) Explain natural history of disease and its phases.
- (c) Name various methods of solid waste disposal. Explain any one.
- (d) Describe structure of virus with the help of a labelled diagram.
- (e) Give disinfection procedure for
 - (i) Faeces & urine
 - (ii) Sputum
- (f) Explain Back Pressure Arm lift method.

5. Answer any FOUR of following : 12

Write causative agent, symptoms, prevention and control of

- (a) Tuberculosis
- (b) Poliomyelitis
- (c) Hepatitis
- (d) Malaria
- (e) Trachoma
- (f) AIDS

6. Answer any FOUR of following :**16**

- (a) Define Fertility. Write about various factors which affect fertility.
 - (b) Explain the terms :
 - (i) Physical Health
 - (ii) Social Health
 - (c) Define cancer. Write causes, prevention and control of cancer.
 - (d) Define immunisation. Write about National Immunisation schedule.
 - (e) Write functions and deficiency disease of :
 - (i) Iron
 - (ii) Calcium
 - (f) Define fracture. Name types of fracture and First Aid Treatment for fracture.
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16172

3 Hours / 80 Marks

Seat No.

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- Instructions :**
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Marks

1. Answer any EIGHT of the following :

16

- (a) Define Health Education.
- (b) Enlist any 4 indicators of health.
- (c) State the functions of fats.
- (d) Enlist water soluble vitamins.
- (e) Define the term demography and fertility.
- (f) Classify the hormonal contraceptives.
- (g) Enlist the contents of "First Aid Kit".
- (h) Define the term Microbiology.
- (i) Enlist any 4 communicable diseases.
- (j) What are the characteristics of cancer ?
- (k) Define immunity.
- (l) Define Antiseptics with 2 examples.

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P.T.O.

2. Answer any FOUR of the following : 12

- (a) Give an account of determinants of Health.
- (b) Write classifications of food.
- (c) Write note on cold chain storage of vaccines.
- (d) Write in detail different stages of demographic cycle.
- (e) Enlist the methods of contraceptives with examples.
- (f) Write the emergency treatment of shock.

3. Answer any FOUR of the following : 12

- (a) Describe the Resuscitation method in detail.
- (b) Write different sources of water.
- (c) Define Health. Write the effect of Air pollution on Health.
- (d) Discuss the purification of water on small scale.
- (e) Draw the labelled diagram of bacterial cell.
- (f) Write note on types of fungi and fungal infections.

4. Answer any FOUR of the following : 12

- (a) Write the life cycle of malarial parasite.
- (b) Define diabetes mellitus (DM). Write the signs & symptoms of DM.
- (c) Enumerate the risk factors & prevention of coronary heart diseases.
- (d) Discuss modes of transmission of diseases.
- (e) Define Epidemiology & discuss major components of epidemiology.
- (f) What is disinfection ? Describe various methods of disinfection.

5. Answer any FOUR of the following : 12

- (a) Discuss Hospital Acquired Infections.
- (b) Write the advantages & dis-advantages of condom.
- (c) Write the first aid treatment for snake bite.
- (d) Discuss methods of solid waste disposal.
- (e) Enlist staining techniques for bacteria and explain any one.
- (f) Write a note on Immunisation Schedule.

6. Write about causative agent, mode of transmission, symptoms and prevention for following infections (any 4) : 16

- (a) Rabies
 - (b) Filariasis
 - (c) Tuberculosis
 - (d) Leprosy
 - (e) Typhoid Fever
 - (f) Chicken Pox
 - (g) Cholera
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21718

3 Hours / 80 Marks

Seat No.

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Marks

1. Answer any EIGHT of the following :

16

- (a) Define the terms :
 - (i) Health Education
 - (ii) Disease
- (b) Name the causative organism for the disease :
 - (i) Chicken pox
 - (ii) Gonorrhoea
- (c) Give the long forms of following abbreviations :
 - (i) AIDS
 - (ii) TB
 - (iii) BCG
 - (iv) TT
- (d) Name different sources of water.
- (e) Define :
 - (i) Incubation period
 - (ii) Antiseptic

- (f) Define hypertension. Write about prevention and control of hypertension.
- (g) Give modes of transmission of :
 - (i) Malaria
 - (ii) Trachoma
- (h) Give ill effects of light.
- (i) Write the disinfection procedure for dead body.
- (j) Name the disease caused due to deficiency of :
 - (i) Iodine
 - (ii) Thiamine
- (k) Enlist types of diabetes.
- (l) Classify micro-organisms.

2. Answer any FOUR of the following :

12

- (a) Define the terms :
 - (i) Social health
 - (ii) Mental health
 - (iii) Physical health
- (b) Write sources, functions, deficiency of Vit. A.
- (c) What are disease agents ? Classify them with examples.
- (d) Give the first aid treatment for burns.
- (e) What are proteins ? State the functions of proteins.
- (f) Define Immunity. Discuss its types.

3. Answer any FOUR of the following : 12

- (a) Define the term demography and explain demographic cycle.
- (b) Write a note on fungal infections.
- (c) Name various techniques for staining of bacteria. Give procedure for Acid fast staining.
- (d) Discuss the design and mechanism of septic tank.
- (e) With the help of a neat labelled diagram describe the structure of virus.
- (f) Explain in detail Cardio-Pulmonary Resuscitation. (C.P.R.)

4. Answer any FOUR of the following : 12

- (a) Define first-aid. Mention major principles of first-aid. List the content of first-aid kit.
- (b) Explain elements of minor surgery and dressing in short.
- (c) Define fertility and give the factors affecting fertility.
- (d) Name the methods for small scale purification of water. Draw a well labelled diagram for slow sand filter.
- (e) Define epidemiology. Differentiate between case control study and cohort study of epidemiology.
- (f) Give causes, prevention & control of blindness.

5. Answer any FOUR of the following : 12

- (a) Discuss in brief about Nosocomial infections. How it can be prevented ?
- (b) Explain various indicators of health in short.

- (c) Mention and give functions of any six minerals present in the body.
 - (d) What are intrauterine devices ? Give their advantages.
 - (e) Name the methods for solid waste disposal and explain any one.
 - (f) Define fracture. Name types of fracture and give first aid treatment for fracture.
6. Write causative agent, mode of transmission, symptoms and control of following : (any **four**)
- (a) Plague
 - (b) Syphilis
 - (c) Rabies
 - (d) Poliomyelitis
 - (e) Diphtheria
 - (f) Tetanus
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21819

3 Hours / 80 Marks

Seat No.

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- Instructions :**
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Marks

1. Solve any EIGHT of the following :

16

- (a) Define the terms :
 - (i) Physical health
 - (ii) Mental health
- (b) Name the disease caused by : (any two)
 - (i) *Salmonella typhi*
 - (ii) *Wuchereria bancrofti*
 - (iii) Lyssa virus type-I
- (c) Write object of first aid.
- (d) Give the long forms of the following abbreviation :
 - (i) HIV
 - (ii) CHD
 - (iii) STD
 - (iv) UTI

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- (e) Write the role of 'Pharmacist in promoting family planning' ?
- (f) Define Kwashiorkor disease. Give its symptoms.
- (g) Define Zoonotic disease. Classify them.
- (h) Name the disease caused due to deficiency of :
 - (i) Vitamin A
 - (ii) Vitamin B
 - (iii) Vitamin C
 - (iv) Vitamin B₁₂
- (i) What is composition of Oral Rehydration Salt (ORS) ?
- (j) Draw a well labelled diagram of Bacterial Cell.
- (k) Write immunization schedule for children.
- (l) Differentiate between communicable & non-communicable diseases.

2. Solve any FOUR of the following :

12

- (a) Discuss methods of solid-waste disposal.
- (b) Write sources, functions & deficiency diseases of Vitamin A.
- (c) Define demography. Explain stages of demographic cycle.
- (d) Write symptoms & first aid treatment for shock.
- (e) Enlist various determinants of health & discuss any one.
- (f) Write importance & procedure of 'Gram staining'.

3. Solve any FOUR of the following :

12

- (a) Discuss in detail Noise Pollution.
- (b) Define blindness. Write causes, prevention & control of blindness.
- (c) Write sources of air pollution. Write its effect on health.

- (d) Write about hormonal contraceptives.
- (e) Define medical entomology. Discuss in detail about insect control.
- (f) Write about types, prevention & control of diabetes mellitus.

4. Solve any FOUR of the following :

12

- (a) Define the term fertility. Explain various factors affecting fertility.
- (b) Classify food. Write functions of carbohydrates & proteins.
- (c) Define the term 'Immunization'. Write the immunization schedule.
- (d) Classify contraceptive methods with examples.
- (e) Discuss Cardi-pulmonary Resuscitation (CPR).
- (f) Define Immunity. Classify it.

5. Solve any FOUR of the following :

12

- (a) Describe various methods of small scale purification of water.
- (b) Write disinfection procedure for
 - (i) Room
 - (ii) Sputum
- (c) Write functions & deficiency diseases of :
 - (i) Calcium
 - (ii) Iron
- (d) What are hospital acquired infections ? Write prevention & control of "Noscomial infecton".
- (e) Name type of fracture & first aid treatment for fracture.
- (f) Give advantages & disadvantages of condoms.

P.T.O.

6. Write causative agent, mode of transmission, symptoms & control of any **FOUR** of the following :

16

- (a) Tuberculosis
 - (b) AIDS
 - (c) Cholera
 - (d) Leprosy
 - (e) Plague
 - (f) Trachoma
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11718

3 Hours / 80 Marks

Seat No.

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- Instructions :**
- (1) All Questions are *compulsory*.
 - (2) Answer each next main Question on a new page.
 - (3) Illustrate your answers with neat sketches wherever necessary.
 - (4) Figures to the right indicate full marks.

Marks

1. Attempt any EIGHT of the following :

8 × 2 = 16

- (a) Define Nutrition and classify food.
- (b) Name sources and deficiency diseases of (i) Iodine (ii) Iron.
- (c) Name the vitamin causing following deficiency disease :
 - (i) Pernicious anaemia
 - (ii) Blood clotting disorders
 - (iii) Colour blindness
 - (iv) Osteoporosis
- (d) Name any two STD with their causative agents.
- (e) What do the following acronyms stand for ?
 - (i) BCG
 - (ii) BMR
 - (iii) HIV
 - (iv) DPT
- (f) Define the terms :
 - (i) Aerobes
 - (ii) Anaerobes

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P.T.O.

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- (g) Write two advantages and two disadvantages of Terminal methods of family planning.
- (h) Name two diseases of each of following :
 - (i) Mosquito
 - (ii) Rat
- (i) Name the disease due to following causative agent :
 - (i) *Treponema pallidum*
 - (ii) Varicella Zoster virus.
- (j) Name causative agents of following disease :
 - (i) Tuberculosis
 - (ii) Malaria
- (k) Draw well labelled diagram of virus.
- (l) Differentiate between communicable and non-communicable diseases.

2. Attempt any FOUR of the following :

4 × 3 = 12

- (a) What is epidemiology ? Explain different types of epidemiological methods.
- (b) What is disinfection procedures for
 - (i) Faeces & urine
 - (ii) Surgical instruments
 - (iii) Sputum
- (c) Give sources & functions of Vitamin-C. Mention symptoms of scurvy.
- (d) What is composition of pure air ? How air pollution can be control ?
- (e) What is family planning ? Give advantages & disadvantages of condom.
- (f) Classify bacteria according to their shape.

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3. Answer any FOUR of the following:

4 × 3 = 12

- (a) Discuss the role of community pharmacist.
- (b) Discuss in brief hospital acquired infections.
- (c) Explain Universal Immunization programme.
- (d) What are general signs & symptoms of fractures ? Describe general management of fractures.
- (e) Write prevention, control and management of cardio vascular diseases.
- (f) Define the terms :
 - (i) Incubation period
 - (ii) Disinfection
 - (iii) Immunity

4. Attempt any FOUR of the following :

4 × 3 = 12

- (a) Define Vaccine. Differentiate between Active & Passive immunity.
- (b) Name various sources of water. Describe household method of water purification.
- (c) Define the terms :
 - (i) Social health
 - (ii) Mental health
 - (iii) Physical health
- (d) What is solid waste ? Name various methods for its disposal. Describe any one in short.
- (e) What are intrauterine devices ? Classify them along with their mechanism of action.
- (f) What are types of cancer ? Explain factors responsible for it.

P.T.O.

5. Give causative agents, mode of transmission & prevention of any FOUR of the following diseases :

12

- (i) Plague
- (ii) Polio
- (iii) Rabies
- (iv) Leprosy
- (v) Cholera
- (vi) Diphtheria

6. Attempt any FOUR of the following :

 $4 \times 4 = 16$

- (a) Explain the term :
 - (i) Reservoir
 - (ii) Cold chain
 - (iii) Antibody
 - (iv) Quarantine
 - (b) What is cardiac arrest ? Explain CPR.
 - (c) Write a note on Gram staining method.
 - (d) Write "Rule of Nine" for estimation of percentage of burns. Write emergency treatment for burns.
 - (e) Give causes types, prevention & management of Diabetes Mellitus.
 - (f) Define Health. List various determinants of health. Explain any two determinants.
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11819

3 Hours / 80 Marks

Seat No.

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- Instructions :**
- (1) All Questions are *compulsory*.
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 - (3) Illustrate your answers with neat sketches wherever necessary.
 - (4) Figures to the right indicate full marks.
 - (5) Use of Non-programmable Electronic Pocket Calculator is permissible.
 - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Answer any EIGHT of the following :

16

- (a) Define the following :
 - (1) Indicators of Health
 - (2) Epidemiology
- (b) Define the term :
 - (1) Fertility
 - (2) Communicable disease
- (c) Name the deficiency disease of the following :
 - (1) Ascorbic acid
 - (2) Iron
 - (3) Niacin
 - (4) Vitamin D

(d) Name one disease caused by following arthropod :

- (1) Mosquito
- (2) Sandfly

(e) Give full form of following abbreviation :

- (1) DPT
- (2) CVS
- (3) ORS
- (4) BBT

(f) Name the causative agent for the following :

- (1) Chicken Pox
- (2) Tuberculosis
- (3) Whooping cough
- (4) Syphilis

(g) Name the characteristic of an ideal health indicator.

(h) Define :

- (1) Immunity
- (2) Immunisation

(i) Name one example of each :

- (1) Air borne disease
- (2) Water borne disease

(j) Define the term : Incubation Period.

(k) Define :

- (1) Contraceptive
- (2) Zoonotic disease

(l) Explain why “Drink milk after boiling”.

2. Answer any FOUR of the following :**12**

- (a) Define the term antigen and antibody. Classify Immunity.
- (b) Define coronary heart disease. Give causes, prevention and control of coronary heart disease.
- (c) Give causative agent, transmission and prevention and control of malaria.
- (d) Give systematic classification of fungi.
- (e) Classify rodent borne disease. Give control measures of rodents.
- (f) Define noise. Give ill-effects of noise and noise control measures.

3. Answer any FOUR of the following :**12**

- (a) Define splint. Explain types of splint.
- (b) Define burns and scald. How to treat chemical burns ?
- (c) Describe on "Population Problem in India".
- (d) Explain classification of food and state functions of food.
- (e) Explain Natural history of disease.
- (f) Define balanced diet. Give its composition.

4. Answer any FOUR of the following :**12**

- (a) Define the term Demography. Explain demographic cycle.
- (b) What first aid should be given in poisoning ?
- (c) Explain hardness of water. Give its types, disadvantage and process of removal of hardness.
- (d) Define staining. Describe techniques of staining.

P.T.O.

- (e) Name respiratory infections. Give causative agent, transmission, control and prevention of any one.
- (f) Define cancer. Give its types, causes, prevention and control.

5. Answer any FOUR of the following :

12

- (a) What is hospital acquired infection ? Give its types, prevention and control.
- (b) Define Diabetes. Give types, causes, prevention and control of diabetes.
- (c) Define food poisoning. Give its types, prevention and control.
- (d) Define Gram Staining. Write procedure and principle of gram staining.
- (e) Define insecticides. Classify insecticides with examples.
- (f) Define fracture. Name causes of fracture and types of fracture.

6. Answer any FOUR of the following :

16

- (a) Explain Behavioural and Natural Family Planning methods.
 - (b) Explain protein deficiency disease.
 - (c) Describe concept of prevention of disease.
 - (d) Give sources and deficiency disease of Vitamin B1, B2 and B3.
 - (e) Write disinfection procedure for
 - (i) room
 - (ii) sputum
 - (iii) faeces
 - (iv) instruments
 - (f) Explain different methods of solid waste disposal.
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11920

3 Hours / 80 Marks

Seat No.

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Marks

1. Answer any EIGHT of the following :

16

- (a) Define Health.
- (b) Name the deficiency disease caused by following nutrient :
 - (i) Vit. C
 - (ii) Iron
 - (iii) Vit. B₁₂
 - (iv) Calcium
- (c) Write one advantage and one disadvantage of terminal method of family planning.
- (d) Write scope of first aid.
- (e) Write causes of air pollution.

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P.T.O.

- (f) Define Microbiology.
- (g) Give the long forms of following abbreviations :
 - (i) AIDS
 - (ii) BMI
 - (iii) DT
 - (iv) OPV
- (h) Define Stroke.
- (i) Differentiate between Natural immunity and Artificial immunity.
- (j) Classify Protozoa.
- (k) Draw well labelled diagram of virus.
- (l) Name any one disease transmitted by following :
 - (i) Mosquito
 - (ii) Rat

2. Answer any FOUR of the following :

4 × 3 = 12

- (a) Explain levels of prevention of disease.
- (b) Write source, functions and deficiency diseases of Iodine.
- (c) Define the term Demography. Explain demographic cycle.
- (d) What are burns ? Write symptoms and first aid for burns.
- (e) Name any two water borne diseases. Write about slow sand filter.
- (f) Classify bacteria according to their shape.

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3. Answer any FOUR of the following :

4 × 3 = 12

- (a) Give causes, prevention and control of blindness.
- (b) Define Nosocomial infection. Write prevention and control of Nosocomial infection.
- (c) What is a disease agent ? Classify them with examples.
- (d) Give source and functions of Vit.-D.
- (e) What are Intrauterine devices ? Classify them.
- (f) Write a note on Cold Chain Storage of Vaccines.

4. Answer any FOUR of the following :

4 × 3 = 12

- (a) Define Noise. What are ill effects of noise pollution ?
- (b) Write note on gram staining method.
- (c) Write about types and risk factors of Diabetes Mellitus.
- (d) Give disinfection procedure for following :
 - (i) Sputum
 - (ii) Room
- (e) Enumerate determinants of health. Explain any one.
- (f) Name nutrient causing following diseases :
 - (i) Colour blindness
 - (ii) Blood Clotting disorder
 - (iii) Wilson's disease

P.T.O.

5. Answer any FOUR of the following :

4 × 3 = 12

- (a) Give advantages and disadvantages of condom.
- (b) What is Angina pectoris ? What are the risk factors for it ?
- (c) What are health hazards due to improper solid waste disposal ? Define sewage.
- (d) Write note on fungal infection.
- (e) Write symptoms and prevention of Hypertension.
- (f) Write note on National Immunization Schedule.

6. Write Causative agent, mode of transmission and symptoms of following :

(Any FOUR)

4 × 4 = 16

- (a) Leprosy
 - (b) Hepatitis-A
 - (c) Rabies
 - (d) Filariasis
 - (e) Hookworm infection
 - (f) Chickenpox
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