[Time: Three Hours] [Marks:100]

Please check whether you have got the right question paper.

N.B:
1. All questions are **compulsory.**
2. Figures to the right indicate **full marks.**
3. Draw neat, labelled diagrams wherever necessary.

Q.1 A) Fill in the blanks by choosing the correct option given in the bracket 05

a) Flatulence can be caused by _____ deficiency.
(amylase, lactase,invertase)

b) Major site of storage for fat is in the _____ layer of the skin.
(dermis , epidermis, subcutaneous)

c) Fluctuations in the surface temperature of the earth are prevented by high _____ of the water.
(density, heat of vaporization, specific heat)

d) In India specific Absorption Rate value for mobile hand set is _____.
(2W/kg, 1.6W/kg , 1.2W/kg)

e) Cerena Trans cranial Magnetic stimulator is a prescription device for the treatment of _____.
(Anxiety, Migraine, Depression)

B) Match the Columns I and II and rewrite. 05

'I'	'II'
a) *Aedes aegypti*	i) Oswald H. Robertson
b) Osteomalacia	ii) Bacteria *Neisseria*
c) Blood transfusion	iii) *Mycobacterium tuberculosis*
d) Gonorrhea	iv) Vitamin D
e) DOT	v) Dengue fever

C) State whether **True or False.** 05

a) Insoluble dietary fibers are non fermentable.
b) Water footprint is an indicator of only direct water use.
c) Maximum level of turbidity of consumable water should be 1 NTU.
d) Ampicillin is used to treat Tuberculosis.
e) Syphilis is a viral disease.

D) Define the following 05

a) Hoshimoto thyroiditis
b) Starvation
c) First aid
d) Latent tuberculosis
e) Asthma attack.

P.T.O

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Q.2 A) Describe causes, symptoms, prevention and remedy for Anemia. 10

OR

A) Discuss causes and consequences of obesity.

Q.2 B) Explain the following: **(any two)** 10

a) Symptoms and prevention of Kwashiorkor
b) Symptoms and remedy for Acidity.
c) Causes and symptoms of peptic ulcer.
d) Significance of breast feeding.

Q.3 A) Give a brief account of WHO programme for Malaria and Leprosy. 10

OR

A) Describe sources and properties of water.

Q.3 B) Write short notes on: **(any two)** 10

a) Factors important in maintaining social Health contd.
b) Large scale water purification method
c) Radiations risk from electronic gadgets.
d) Concept of blood bank

Q.4 Answer the following. **(any two)** 20

a) Explain causes, symptoms, diagnosis and Depression.
b) Describe causes, symptoms, diagnosis, precautions and remedy of Type II diabetes
c) Discuss causes, symptoms, diagnosis and precautions of AIDS.
d) Give an account on causative agent, mod of transmission, diagnosis treatment and prevention of Typhoid.

Q.5 Write short notes on: **(any four)** 20

a) Causes and symptoms of Dengue.
b) Symptoms and prevention of Constipation
c) Infection and treatment for Dog bite.
d) Personal and oral hygiene.
e) Symptoms and diagnosis of syphilis.
f) Causes and types of Anxiety disorder.

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