

Q.P. Code :12104

[Time: Three Hours]

[Marks:100]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw neat, labelled diagrams wherever necessary.

Q.1. A) Fill in the blanks by choosing correct options given in the bracket:

- a) In the Goitre disorder there is enlargement of _____ gland.
(Adrenal, thyroid, Pituitary)
- b) Smallpox is caused by _____ virus.
(Variola, Varity, Very)
- c) pH range of drinking water is _____.
(6.5 to 8.5, 4.5 to 6.5, 8.5 to 9.5)
- d) Insulin hormone is secreted by _____ cells of Islet of Langerhans.
(Alpha, Beta, delta)
- e) *Neisseria gonorrhoea* is a _____ infection.
(Bacterial, viral, protozoal)

B) Match the column and rewrite

- | I | II |
|-----------------|--------------------------------|
| a) Ig A | i. Arteriosclerosis |
| b) Dengue | ii. <i>Treponema pallidum</i> |
| c) Leprosy | iii. Colostrum |
| d) Hypertension | iv. <i>Flaviviridae</i> family |
| e) Syphilis | v. MLEC |

C) State whether True or False

- a) Rickets is caused by deficiency of Vitamin D.
- b) Piles are inflamed veins in the stomach area.
- c) Water canals are natural water resources.
- d) Radiation from cell phone is too weak to heat the biological tissues.
- e) Blood pressure lowers during sleep.

D) Answer the following in one sentence:

- a) What is "Infantile Pellagra and Nutritional Oedema".
- b) Give full form of PPIP.
- c) Explain "Anomalous behavior of water".
- d) What is Psychotherapy.
- e) What is Bronchial thermoplasty?

TURN OVER

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- Q.2 A)** Discuss causes and consequences of obesity. **10**
OR
A) Describe causes, symptoms, precaution and remedy for Swine flu. **10**
B) Explain **any two** of the following: **10**
a) Dietary recommendation for adult.
b) Causes and symptoms of Flatulence.
c) Symptoms and prevention of Anemia.
d) Causes and remedy for Marasmus.
- Q.3 A)** Explain the concept of water footprint and give its significance. **10**
OR
A) Define health and add a note on psychological and social health. **10**
B) Write short note on **any two** of the following: **10**
a) Small scale water purification methods.
b) Source of fresh water.
c) Polio eradication programmes in India.
d) Radiations risks of mobile phones.
- Q.4** Give an detailed account of causes, symptoms, diagnosis, precautions and remedy of the following diseases (**any two**) **20**
a) Asthma
b) Diabetes Type II
c) AIDS
d) Tuberculosis
- Q.5** Write short notes on **any four** **20**
a) BMI significance
b) Importance of dietary fibers
c) Aims of First Aid
d) Infections and treatment for Dog bite.
e) Causes and Symptoms of Hepatitis A
f) Oral cancer.
