16172
3 Hours / 80 Marks

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

(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:**

(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:**

(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:**

(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):**

(a) Rabies

(b) Filariasis

(c) Tuberculosis

(d) Leprosy

(e) Typhoid Fever

(f) Chicken Pox

(g) Cholera