HEALTH SANITARY INSPECTOR  
(Theory)  

Time: 3 HRS  
Marks: 30  

NOTE: Attempt Five questions in all. Question No. 1 is compulsory. All questions carry equal marks.

1. Fill in the blanks:-
   a. Iron deficiency in food lead to ___________.
   b. Carrots are good source of vit ___________ in diet.
   c. Dog bite to human being causes ___________.
   d. Two rich source of vit 'C' are ___________ & ___________.
   e. Rickets causes due to deficiency of vit ___________ with ___________ and calcium.
   f. Malaria is transmitted by the bite of infected ___________ mosquito.
   g. D.D.S is the drug given in the treatment of ___________.
   h. Housefly spread disease called ___________.
   i. Sand flies are ___________ carriers of various diseases like sand fly fever, kala azar, oriental sore.
   j. Goiter is causes due to deficiency of ___________.
   k. The noise is measured in ___________.

2. Write short notes. (any five)
   a. Balance diet
   b. Pasteurization
   c. ESIC
   d. Duties of sanitary inspector
   e. Food Inspectors
   f. Housing sanitation
   g. Public Health acts

3. a. What is the sources of water for water supply scheme? Explain the purpose and function of each unit in water treatment plant. Describe different types of filters used in purification of water.
   b. What are the engineering methods to prevent the growth of mosquito, rats and houseflies?

4. A. Discuss any two of the following?
   a. Growth rate and the problem created by rapid increase in population.
   b. Causes of high infant mortality rate in India.
   c. Functions of well baby clinic.
   B. Why health Education is essential for the community? How will you communicate? Your knowledge to the people to develop health consciousness in them? Give Example

5.a. What is garbage and what are its constituents? How will you collect it from community in modern towns? Name the various method of disposal of solid refuse with advantage.
   b. Name the suitable types of latrines in rural areas. Where sewer service is not available. Draw net sketches of any two of them.

6.a. What is air pollution? What are different ways in which air of big cities pollutes? What are the methods to prevent air pollution big cities?
   b. write note (any three)
   i. Gully Trap
   ii. Importance of BOD
   iii. Aqua privy
   iv. Exotoxin
   v. Antenatal care

7. a. What do you understand by fracture? What are the types of Fracture? Describe.
   b. Describe human heart and state how the blood circulates in the body

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