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Time : 2 Hours

**PUBLIC HEALTH
AND EDUCATION**

Subject Code

V	4	3	6	5
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Total No. of Questions : 23

(Printed Pages : 4)

Maximum Marks : 50

- INSTRUCTIONS :**
- (1) Attempt *all* the questions.
 - (2) There are four sections in the question paper A, B, C & D.
 - (3) **Section A** consists of 8 questions of 1 mark each. Question Nos. 1 to 4 to be answered as an MCQ, question Nos. 5 & 6 in *one* or *two* words and question Nos. 7 and 8 in *one* sentence.
 - (4) **Section B** consists of 6 questions of 2 marks each to be answered in about 30 words.
 - (5) **Section C** consists of 6 questions of 3 marks each to be answered in about 50 words.
 - (6) **Section D** consists of 3 questions of 4 marks each to be answered in about 100 words.
 - (7) Total number of questions is 23.
 - (8) There is no overall choice however internal choice is given for question numbers 20 and 23.
 - (9) Use of pencil and colours is mandatory to draw charts/graphs.
 - (10) Figures to the right indicate marks allotted to each question.
 - (11) Write the number of each question clearly on the answer-book.

SECTION A

1. Identify the disease characterized by a persistent, unpleasant odour in exhaling breath. 1
 - Cavities
 - Tooth decay
 - Halitosis
 - Tooth plaque
2. The type of communication that involves feedback is called _____. 1
 - One-way communication
 - Two-way communication
 - Non-verbal communication
 - Mass communication
3. Select a personal protective device used to prevent infectious disease. 1
 - Stethoscope
 - BP apparatus
 - Thermometer
 - Apron
4. The natural method of contraception is called _____. 1
 - Oral pills
 - Breast feeding
 - Diaphragm
 - Cooper T

5. The physical method used to disinfect water is called ————. 1
6. The ability to understand things from another person's perspective is called ————. 1
7. What is syphilis ? 1
8. List the objectives of family planning. 1

SECTION B

9. What are the signs and symptoms of hypertension ? 2
10. List the characteristics of health education. 2
11. Explain the modes of HIV transmission. 2
12. State the principles of public health. 2
13. As a health worker, explain the treatment for gonorrhoea. 2
14. Explain the functions of public relations. 2

SECTION C

15. With the help of examples, explain the mass approach to health education. 3
16. Describe the clinical functions of a general health assistant in the hospital. 3
17. Explain the preventive measures for cancer. 3
18. Write a note on the importance of public relations in the hospital. 3
19. The following data shows the information on non-communicable diseases in 2023. Draw a coloured pie chart with legends showing the following information diabetes 40%, hypertension 30%, cancer 20% and stroke 10%. 3

20. Mrs Liza, a 25-year old female, is not planning for a child. She was suggested hormonal contraceptives by her doctor. 3

As a health worker, describe the hormonal contraceptives in this situation.

Or

Mrs. Kabita, a 43-year old female, has four children and wants to adopt a permanent method of family planning.

As a health worker, explain the permanent family planning method in this situation.

Section D

21. Explain, how primary data is collected in the hospital. 4
22. Describe the principles of health education. 4
23. Mr. Ranjan, an 8-year old male, came to the hospital with complaints of shortness of breath, tightness of the chest, and wheezing when breathing. As a health worker, explain the diseases condition in this situation. 4

Or

Mr. Simon, a 48 year old male, was brought to the hospital with symptoms of frequent urination, excessive hunger and blurred vision. As a health worker, explain the disease condition in this case.