

**Skill Development and Entrepreneurship Department**  
**Directorate of Vocational Education and Training**  
**Directorate of Skill Development, Employment and Entrepreneurship**  
**Question Paper Group Name: HEALTH SANITARY INSPECTOR**  
**Question Paper Post Names: Craft Instructor – Health Sanitary Inspector**

Duration: 60 Minutes

Total Questions: 40

**INSTRUCTIONS**

1. This Question Paper Booklet contents 40 mandatory questions. Candidate should check the Question Paper Booklet and ensure that it contains all pages and questions before starting to answer. If candidate finds any problem pertaining to printing/ binding/ incomplete pages etc, candidate should immediately get the Question Paper replaced from the Invigilator.
2. Candidate has to write his/ her seat number in this block. 

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3. The Question Booklet Number as printed above should be mentioned at the appropriate place on the OMR Answer Sheet.
4. All the Questions are provided with 4 options as 1, 2, 3 and 4. Candidate should select the most correct Option and mention the Option Number on the OMR Answer Sheet in front of the respective Question Number by **fully shading the Option Number with BLACK INK BALL POINT PEN Only.**
5. All Questions carry equal marks i.e. 1 Question has a weightage of 1 marks. Candidate should mind the available time for the examination and solve the questions accordingly.
6. The option shaded once on the OMR Answer Sheet should not be roughed or in any other way changed. Thus candidate should take utmost care while marking their options on OMR Answer Sheet. Such changes if any or any attempt to rough/ change options shall not be checked by the authorities.
7. Marks shall be awarded to the correct answers only during the evaluation of the OMR Answer Sheet. No marks shall be deducted for registering wrong answers (shading wrong option) or not attempting questions. Thus there is **NO NEGATIVE MARKING SYSTEM.**
8. All the rough work has to be done on the sheet provided for Rough Work in the Question Booklet only. Writing anything on the Question Paper Booklet, OMR Answer Sheet or any other Paper Sheet shall be treated as an unfair means and entitle for action under "**Prohibition of Unfair Practices during examination Ordinance – 1982**".
9. Method of Shading the Correct Option on the OMR Answer Sheet:

Q.No. 25. How many Centimeters make 1 Meter?

- |          |           |
|----------|-----------|
| (1) 10   | (2) 100   |
| (3) 1000 | (4) 10000 |

The Correct Option for this Question is (1) and hence the (2) option on the OMR Answer Sheet in front of Question Number 25 has to be shaded as following

**USE ONLY BLACK INK BALL POINT PEN FOR SHADING****IMPORTANT**

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**THIS QUESTION PAPER BOOKLET AND PART – 1 OF OMR ANSWER SHEET HAVE TO BE SUBMITTED TO THE INVIGILATOR AFTER THE EXAMINATION.**

1. Which of the following is not sub surface source?

- |           |                         |
|-----------|-------------------------|
| 1. Well   | 2. Lake                 |
| 3. Spring | 4. Infiltration gallery |

2. The permissible hardness of potable water is

- |            |            |
|------------|------------|
| 1. 75 ppm  | 2. 150 ppm |
| 3. 175 ppm | 4. 250 ppm |

3. Antisiphon pipe is provided for

- |                          |                        |
|--------------------------|------------------------|
| 1. Protecting water seal | 2. Breaking water seal |
| 3. Ventilator purpose    | 4. None of the above   |

4. Which is not a part of greenhouse effect?

- |                 |                    |
|-----------------|--------------------|
| 1. Water Vapour | 2. Carbon dioxide  |
| 3. Methane      | 4. Sulphur dioxide |

5. The major contributor of carbon monoxide is

- |                            |                         |
|----------------------------|-------------------------|
| 1. Motor vehicle           | 2. Industrial processes |
| 3. Sanitary Fad combustion | 4. None of the above    |

6. Soak pit is used to collect discharge from

- |                     |                      |
|---------------------|----------------------|
| 1. Septic tank      | 2. Water Tank        |
| 3. Municipal sewage | 4. None of the above |

7. Minimum recommended diameter of sewer is

- |          |          |
|----------|----------|
| 1. 5 cm  | 2. 10 cm |
| 3. 15 cm | 4. 20cm  |

8. Which is not a method of solid waste disposal?

- |               |             |
|---------------|-------------|
| 1. Burning    | 2. Grinding |
| 3. Composting | 4. dilution |

9. The government pays how much money for building new toilets under Swachh Bharat Mission

- |              |              |
|--------------|--------------|
| 1. Rs. 12000 | 2. Rs. 24000 |
| 3. Rs. 18000 | 4. Rs. 15000 |

10. Trap is used

- |                                 |                           |
|---------------------------------|---------------------------|
| 1. To prevent entry of foul Gas | 2. To trap waste material |
| 3. to trap insects              | 4. None of the above      |

11. The end products of Bio gas plant are

- |                      |               |
|----------------------|---------------|
| 1. Methane gas       | 2. Sludge     |
| 3. None of the above | 4. Both 1 & 2 |

12. The sewer which received discharge from two or more main sewer is known as

- |                  |                          |
|------------------|--------------------------|
| 1. A trunk sewer | 2. An outfall sewer      |
| 3. A main sewer  | 4. An intercepting sewer |

13. Which of the following is not sewer appartance

- |              |                  |
|--------------|------------------|
| 1. man hole  | 2. Flushing tank |
| 3. Lamp hole | 4. Gulley trap   |

14. A burial ground or place is called as

- |             |                      |
|-------------|----------------------|
| 1. Cemetery | 2. Cremation         |
| 3. Funeral  | 4. None of the above |

15. Cremation is a process of

- |   |                                  |
|---|----------------------------------|
| 1. Treating corpse with chemical          | 2. Decomposing the body by burry |
| 3. Reducing dead body to ashes by burning | 4. None of the above             |

16. The soil having PH 8.5 to 9.0 is termed as

- |                      |                        |
|----------------------|------------------------|
| 1. Neutral           | 2. Strongly alkaline   |
| 3. Slightly alkaline | 4. Moderately alkaline |

17. Aluminium toxicity is the most wide spread problem in

- |                   |                      |
|-------------------|----------------------|
| 1. Alkaline soil  | 2. Acidic soil       |
| 3. Both the above | 4. None of the above |

18. Average content of silica in soil is

- |         |         |
|---------|---------|
| 1. 24 % | 2. 31%  |
| 3. 27 % | 4. 35 % |

19. Which is not a type of sprayer

- |                   |                    |
|-------------------|--------------------|
| 1. Hand sprayer   | 2. Foot sprayer    |
| 3. Rocker sprayer | 4. Digital sprayer |

20. The process of killing all type of organism is termed as

- |                  |                    |
|------------------|--------------------|
| 1. Sterilization | 2. Disinfection    |
| 3. Both 1 & 2    | 4. Neither 1 and 2 |

21. Larvicides are used against

- |                     |                      |
|---------------------|----------------------|
| 1. Eggs of insect   | 2. Ovaries of insect |
| 3. Larvae of insect | 4. None of the above |

22. The non-dog pump which permits solid matter to pass out with the liquid sewage is

- |                     |                       |
|---------------------|-----------------------|
| 1. Centrifugal pump | 2. Reciprocating Pump |
| 3. Pneumatic pump   | 4. None of the above  |

23. Notification of fairs and festivals should include

- |                                  |  |
|----------------------------------|--|
| 1. The area of fairs & festivals | 2. The duration of fairs and festivals |
| 3. Both 1 and 2                  | 4. None of the above                   |

24. The ratio of sweeper in fairs and festivals should be

- |           |           |
|-----------|-----------|
| 1. 1: 500 | 2. 1:1000 |
| 3. 1:100  | 4. 1:200  |

25. A function of carbohydrates in the diet is to

- |                              |                                      |
|------------------------------|--------------------------------------|
| 1. Enable chemical reactions | 2. promote growth and repair tissues |
| 3. Supply energy             | 4. Maintain water balance            |

26. Essential nutrients

- |                         |                                       |
|-------------------------|---------------------------------------|
| 1. Are made by the body | 2. Generally must be supplied by food |
| 3. Include alcohol      | 4. Are enzymes                        |

27. Good source of protein in the diet are

- |                                     |   |
|-------------------------------------|---|
| 1. Fats, Oils, butter and margarine | 2. Green Paper cantaloupe, Citnis fruits              |
| 3. Vegetables                       | 4. Meat, Fish, legumes, nuts, dairy product and eggs. |

28. The building blocks of proteins

- |                  |                |
|------------------|----------------|
| 1. Amino acids   | 2. Fatty acids |
| 3. Glucose units | 4. coenzymes   |

29. The common adulterant in sugar is

- |                 |                      |
|-----------------|----------------------|
| 1. chalk powder | 2. Borric powder     |
| 3. Face powder  | 4. None of the above |

30. The adulterants in milk is

- |                  |                     |
|------------------|---------------------|
| 1. Mashed potato | 2. Starches         |
| 3. Water         | 4. All of the above |

31. Leprosy is caused by

- |                         |                      |
|-------------------------|----------------------|
| 1. Mycobacterium Leprae | 2. virus             |
| 3. Both 1 & 2           | 4. None of the above |

32. WHO means

- |                                |                              |
|--------------------------------|------------------------------|
| 1. World Heritage Organisation | 2. World Home Organisation   |
| 3. World Hazard Organisation   | 4. World Health Organisation |

33. Which is not an object of primary health centre

- |                              |  |
|------------------------------|--|
| 1. Provision of medical care | 2. Prevention and control of locally endemic disease |
| 3. Education about health    | 4. Heart surgery                                     |

34. Plenum system is

- |                        |                           |
|------------------------|---------------------------|
| 1. Natural ventilation | 2. Artificial ventilation |
| 3. Both 1 & 2          | 4. None of the above      |

35. The percentage of oxygen in air is

- |         |         |
|---------|---------|
| 1. 20.9 | 2. 20.0 |
| 3. 22.0 | 4. 24.0 |

36. Destruction of Fly larvae can be done by

- |                      |                      |
|----------------------|----------------------|
| 1. spraying kerosene | 2. Nut oil           |
| 3. Soap solution     | 4. None of the above |

37. The unwanted sound is termed as

- |          |                      |
|----------|----------------------|
| 1. Echo  | 2. Reverberation     |
| 3. Noise | 4. None of the above |

38. Sound is measured is

- |            |                      |
|------------|----------------------|
| 1. Decibel | 2. Decimeter         |
| 3. Flux    | 4. None of the above |

39. Which is not type of rural sanitation?

- |               |                  |
|---------------|------------------|
| 1. Pit privy  | 2. Bore laterine |
| 3. Aqua privy | 4. Solar privy   |

40. Grit Chamber is used to remove

- |                            |                    |
|----------------------------|--------------------|
| 1. Oil                     | 2. Grease          |
| 3. Sand and broken ballast | 4. Floating matter |

SPACE FOR ROUGH WORK

AL  
  
AL