

**Government of India**  
**National Institute of Public Health Training & Research, Mumbai.**  
**Sanitary Health Inspector, (Batch AY-24-25)**  
**(Second Semester Final-Examination)**

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**Paper IV:- Section A: WASH.**

**Section B: Inspection and Licensing of Trade Premises for Municipal Corporation**

**Time :- 2.00pm to 4.00pm**

**Total Marks: 60**

**SECTION A**

**(35 Marks)**

**Q 1. Multiple choice questions. (All compulsory)**

**(10 Marks)**

1. What is the Air Quality Index (AQI) used for?
  - A. It is used for reporting daily air quality
  - B. It is used to understand the direction of the wind.
  - C. It is used to measure the air pressure
  - D. It is a system to warn about cyclones.
2. The principal objective of Swachh Bharat Mission 1.0 was
  - A. Making the villages and cities open defecation-free (ODF)
  - B. Constructing stormwater drains in slums
  - C. Cleaning water sources
  - D. Constructing dams for water storage
3. Sanitation barriers includes all excepts
  - A. Water,
  - B. Finger,
  - C. Soil,
  - D. Plants
4. All of the following are sources of ground water except:
  - A. Shallow Well
  - B. Deep Well
  - C. River
  - D. Tube Well
5. WASH Stands For :
  - A. Water Soil Health
  - B. Water Sanitation & Hygiene
  - C. Water Safe Health
  - D. Water Soil Hygiene
6. What are natural water purification methods for the household level
  - A. Filtration and boiling
  - B. Storage in the earthen pot
  - C. Sedimentation
  - D. Chlorination
7. Room is considered comfortable if temperature is:
  - A. 25degree F
  - B. 50-degree F
  - C. 75degree F
  - D. 100degree F
8. As per the sustainable development goal every one everywhere will have access to toilet by
  - A. 2020
  - B. 2025
  - C. 2035
  - D. 2030

9. Rainwater harvesting methods include
  - A. Collecting from rooftops, using surface runoff,
  - B. Recharging groundwater through collected water
  - C. Building check dams and nala bunds
  - D. All of the above
10. Sound loudness is measured in what unit?
  - A. Decibel
  - B. Velocity
  - C. Hertz
  - D. Pitch

**Q 2. Write three Differences (Any 3)**

**(9 Marks)**

- A. Slow sand filtration and Rapid sand filtration.
- B. Natural filtration and mechanical filtration of water.
- C. Natural Ventilation and Artificial Ventilation
- D. Food hygiene at home and public places
- E. Shallow Well and Deep Well.

**Q 3. Write Short notes on following (Any 4)**

**(16 Marks)**

- A. Effects of air pollution on health.
- B. Sanitary standards for healthy housing
- C. Implementing WASH in rural schools
- D. Sanitation measures during natural calamities
- E. Ill effects of pesticides on Soil
- F. Food sanitation hygiene among food handlers.

**SECTION B**

**(25 Marks)**

**Q.4 Answer in one sentence (Any 5)**

**(10 Marks)**

- A. Name the methods of purification of water.
- B. What are the sources of air pollution?
- C. Two advantages of the Open Defecation Free campaign.
- D. Two salient features of the Air Pollution Act.
- E. List four sources of Soil Pollution.
- F. Define greenhouse effect
- G. Define environmental sanitation.

**Q 5. Discuss the following. (Any 3)**

**(15 Marks)**

- A. Write a detailed inspection report on your visit to a Fair festival ground to grant a no-objection certificate (NOC) from a public health point of view.
- B. Enumerate the General guidelines for maintaining hygiene in the slaughterhouse.
- C. Write the general and specific conditions for the grant of a License for the trade of Pan shop and Tea shop.
- D. Write the general and specific conditions for the grant of a License for the trade of Sweet Mart.
- E. Discuss the greenhouse effect and global warming.

\*\*\*\*\*THE END\*\*\*\*\*