

2025

**M.Sc. 1st Semester Examination**  
**FOOD SCIENCE AND NUTRITION**

**Paper : FSNE404B0**

**(Environmental and Occupational Health)**

**Full Marks : 50**

**Time : Two Hours**

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

**Group - A**

**Answer any *four* questions :                      2×4=8**

1. What do you mean by abiotic environment?
2. What is droplet infection?
3. How do you differ sound and noise?
4. What is suspended particulate matter?
5. What is black lung disease?
6. Name the detrimental factors of ozone layer depletion.

**P.T.O.**

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**Group - B**

Answer any *four* questions :  $4 \times 4 = 16$

7. What is environmental health? Write the key areas of environmental health.  $1+3$
8. What is personal hygiene? Mention the different aspects of personal hygiene.  $1+3$
9. Describe the indirect method of disease transmission.
10. Discuss about pneumoconiosis.
11. Discuss about psychological hazards.
12. Write the sources of radioactive wastes. Mention the effects of radioactive waste on environmental health.  $2+2$

**Group - C**

Answer any *two* questions :  $8 \times 2 = 16$

13. What do you mean by biomedical waste? Mention the types of biomedical waste. Describe the different methods of disposal of infectious waste.  $2+2+4$
14. What is occupational health? Describe different types of physical and chemical hazards that can affect occupational health.  $2+(3+3)$
15. Mention different contaminants in water and their adverse effects on human health. Describe the slow sand filter method of water purification.  $(2+2)+4$

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16. Write the role of two chemical pesticides regularly used in agricultural land on human health.

**Internal Assessment : 10 marks**

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