

2025
SRMUJ
4th Semester Examination
M.Sc.
Nutrition and Public Health
MNPH-402
Public Health and Environment

Full Marks: 40

Time: 2 Hours

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

1. Answer any four of the following questions **2×4**

- a. What are the hazards of pesticide?
- b. Describe the major effects of eutricification.
- c. What is “tertiary waste water treatment”?
- d. How ozone depletion occurs?
- e. What is ‘Reactive odd Nitrogen’ of the atmosphere?
- f. What is ‘Biolarvicides’?

2. Answer any four of the following questions **8×4**

- a. What is ocean acidification? Write down a note on ‘Smog’. Describe the convention on dumping of waste act 2+3+3
- b. Describe about composition of waste water. Mention chemical and biological characteristics of sewage. 2+(2×3)
- c. How preliminary and primary waste water treatment works? 3+5
- d. Mention the advantages and disadvantages of trickling filter. Write down a brief note on rotating biological contractor. (2+2)+4
- e. What is ‘HIA’? Describe major principle and benefits of ‘HIA’. What is maturation pond? 1+(2+2)+3
- f. What are ‘Biopesticides’? Classify biopesticides with examples. Write briefly on ‘Integrated Pest Management’. 2+3+3