

2025

M.Sc. 1st Semester Examination
NUTRITION AND DIETETICS

Paper : NUDE404A0/B0

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.*

Paper : NUDE404A0

[Disaster and Nutritional Management]

Group - A

Answer any *four* questions : 2×4=8

1. What do you mean by rehabilitation in disaster management?
2. Mention two advantages of packed food during disaster.
3. What are four pillars of food security?
4. Why nutrition is crucial after an emergency?
5. Mention full form of RUFT. How it works? 1+1
6. What is primary function of a 'Nutrition Rehabilitation Centre (NRC)'?

P.T.O.

(2)

Group - B

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

7. Distinguish between natural and manmade disaster.
8. Describe food distribution strategy during disaster situation.
9. Describe the method used for assessment of nutritional status in emergency.
10. Write the role of National Disaster Management Authority (MDMA) in emergency condition.
11. What is the role of Nutrition surveillance in ongoing disaster management?
12. Differentiate between Supplementary Feeding Programs (SFP) and Therapeutic Feeding Program (TFP). Define RNIS in the context of disaster nutrition. $3+1$

Group - C

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

13. Explain the disaster management cycle in detail.
14. Describe environmental and geographical factors affecting disaster and emergency. Write the role of health service during emergency. $4+4$
15. Discuss the nutritional concern during disaster among vulnerable population. Write a short note on elderly nutrition issues during disaster. $5+3$
16. Explain the challenges faced in ensuring food and nutrition security during disasters and emergencies.

Internal Assessment : 10 marks

(3)

Paper : NUDE404B0

[Environmental and Occupational Health]

Group - A

Answer any *four* questions : $2 \times 4 = 8$

1. What do you mean by greenhouse effect?
2. What is droplet infection?
3. Mention the different sources of solid waste.
4. What is the size of range of particulate matter?
5. What is black lung disease?
6. Write two names of occupational diseases associated with noise and vibration caused by biological agents.

Group - B

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

7. Write the major causes of ozone depletion.
8. What is personal hygiene? Mention the different aspects of personal hygiene. $1+3$
9. Describe the disease transmission through any one vector with example.
10. What are SO_x and NO_x ?
11. What is an ideal room area for four persons? What is ventilation? $2+2$

(4)

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 anatomical waste. $2+2+4$
14. What is eutrophication? Write the causes of eutrophication. What is sludge? $2+4+2$
15. Mention different contaminants water and their adverse effects on human health. Describe the slow sand filter method of water purification. $(2+2)+4$
16. Write the difference between hygiene and sanitation. Describe the interrelationship of hygiene, sanitation and health. $4+4$

Internal Assessment : 10 marks
