

TELANGANA UNIVERSITY
SSR Degree & PG College
Faculty of Science
Department of Nutrition
PG Semester – IV
Paper- III: Clinical Nutrition and Immunology
Internal – II Question Bank

SECTION – A: Multiple Choice Questions

1. Immunity is defined as
 - a) Elimination of wastes
 - b) Digestion of food
 - c) Body's ability to resist infections
 - d) Absorption of nutrients→ **Ans: c**
2. Innate immunity is also known as
 - a) Artificial immunity
 - b) Natural immunity
 - c) Passive immunity
 - d) Acquired immunity→ **Ans: b**
3. Antibodies are produced by
 - a) RBCs
 - b) Platelets
 - c) Neurons
 - d) Plasma cells→ **Ans: d**
4. Humoral immunity mainly involves
 - a) Antibodies
 - b) Bones
 - c) Hormones
 - d) Enzymes→ **Ans: a**
5. Vaccines help in
 - a) Reducing digestion
 - b) Producing immunity
 - c) Increasing toxins
 - d) Causing diseases→ **Ans: b**
6. Immunoglobulins are
 - a) Minerals
 - b) Vitamins
 - c) Hormones
 - d) Antibodies→ **Ans: d**
7. Cell mediated immunity mainly involves
 - a) RBCs
 - b) Platelets
 - c) T lymphocytes
 - d) B lymphocytes→ **Ans: c**
8. Antisera contain
 - a) Hormones
 - b) Carbohydrates
 - c) Enzymes
 - d) Antibodies→ **Ans: d**
9. Autoimmunity occurs when
 - a) Immune system attacks its own tissues
 - b) Digestion stops completely
 - c) Hormones decreased
 - d) Body attacks foreign particles only→ **Ans: a**
10. Hypersensitivity refers to
 - a) Lack of nutrients
 - b) Excessive immune reaction
 - c) Reduced immune response
 - d) Normal digestion→ **Ans: b**
11. Inflammatory response is influenced by
 - a) Water only
 - b) Pigments
 - c) Stones
 - d) Nutrients→ **Ans: d**
12. Undernutrition can
 - a) Improve immunity
 - b) Weaken immune response
 - c) Stop metabolism
 - d) Increase antibodies permanently→ **Ans: b**

13. Immune enhancers help to
 a) Increase stress only b) Prevent digestion c) Strengthen immunity
 d) Reduce immunity → **Ans: c**
14. Immune suppressants are mainly used in
 a) Vision correction b) Hair growth c) Digestion d) Organ transplantation
 → **Ans: d**
15. Conditionally essential nutrients are required especially during
 a) Stress and illness b) Sleeping only c) Childhood games d) Exercise only →
Ans: a
16. Allergy is a type of
 a) Blood clotting b) Nutrient absorption c) Normal digestion
 d) Hypersensitivity reaction → **Ans: d**
17. Skin prick test is commonly used for
 a) Blood sugar estimation b) Digestion study c) Allergy diagnosis
 d) Bone examination → **Ans: c**
18. Food allergy management includes
 a) Increased intake of allergens b) Starvation c) Avoidance of allergens
 d) Excess exercise → **Ans: c**
19. GM foods refer to
 a) General meals b) Genetically modified foods c) Germ-free foods
 d) Mineral foods → **Ans: b**
20. Vitamin C supports immunity by
 a) Weakening WBCs b) Reducing proteins c) Enhancing immune function
 d) Increasing toxins → **Ans: c**

SECTION – B: Fill in the Blanks

1. **Immunity** is the ability to resist infections.
2. Natural immunity is also called **innate immunity**.
3. Antibodies are produced by **plasma** cells.
4. Humoral immunity involves **antibodies**.
5. **T lymphocytes** are responsible for cell mediated immunity.
6. Vaccines stimulate **immune** response.
7. **Immunoglobulins** are proteins that act as antibodies.
8. Antisera contain ready-made **antibodies**.
9. Autoimmunity damages **body tissues**.
10. **Hypersensitivity** causes exaggerated immune reactions.
11. **Nutrients** play an important role in inflammation.
12. Undernutrition **weakens** the immune system.
13. Immune enhancers improve body **defense** mechanisms.

14. Immune **suppressants** reduce immune reactions.
15. Conditionally essential nutrients are needed during **illness and stress**.
16. **Allergy** is an abnormal immune response.
17. **Skin tests** help diagnose allergies.
18. Avoidance of **allergens** is important in allergy management.
19. GM foods are **genetically** modified foods.
20. **Vitamin C** supports immune function.

SECTION – C: Descriptive Questions

1. Define immunity and explain the different types of immunity.
2. Describe humoral immunity and cell mediated immunity.
3. Explain immunizing agents such as immunoglobulins, vaccines, and antisera.
4. Discuss the role of nutrition in immunity and inflammatory response.
5. Explain allergies, their types, diagnosis, management, and prevention with reference to GM foods.