



Class 12 Biology | Human Health And Disease

MCQ WORKSHEET • 15 questions • Choose one correct option • Suggested time: 25 minutes

1. The infective stage of Plasmodium introduced by a mosquito is the

- A. Merozoite only
- B. Gametocyte
- C. Zygote
- D. Sporozoite

2. Recurring malarial fever follows rupture of infected

- A. Red blood cells
- B. Platelets only
- C. Neurons
- D. Bone cells

3. Typhoid is caused by

- A. Ascaris lumbricoides
- B. Plasmodium vivax
- C. Wuchereria bancrofti
- D. Salmonella typhi

4. Ringworm is a disease caused by

- A. Tapeworms
- B. Viruses only
- C. Fungi
- D. Protozoa

5. Skin is part of which defence?

- A. Innate physical barrier
- B. Acquired antibody memory
- C. Artificial passive immunity
- D. Autoimmunity

6. Antibodies are secreted chiefly by

- A. Neutrophils only
- B. Red blood cells
- C. Plasma cells derived from B cells
- D. Platelets

7. Cell-mediated immunity mainly involves

- A. Erythrocytes
- B. Platelets
- C. T lymphocytes
- D. Albumin

8. Vaccination usually produces

- A. Permanent passive immunity
- B. Immediate antibodies without immune activation
- C. Active acquired immunity
- D. Only innate immunity

9. Giving preformed antibodies provides

- A. Natural selection
- B. Active immunity only
- C. Autoimmune disease necessarily
- D. Passive immunity

10. A stronger secondary immune response depends on

- A. Only skin thickness
- B. Memory cells
- C. Loss of all lymphocytes
- D. Absence of antigen recognition

11. Allergic reactions commonly involve

- A. Bile and pepsin
- B. IgE and histamine
- C. Haemoglobin and insulin
- D. DNA ligase and ATP only

12. HIV primarily damages

- A. Red blood cells only
- B. Bone matrix
- C. Platelets only
- D. Helper T lymphocytes

13. Uncontrolled cell division with invasion of distant tissues characterises

- A. Benign encapsulated tumours only
- B. Normal wound healing
- C. Malignant tumours
- D. Contact inhibition

14. Cancer cells often escape the normal property of

- A. DNA presence
- B. Protein synthesis
- C. Cell membrane formation
- D. Contact inhibition

15. Repeated substance use requiring increasing doses for the same effect is called

- A. Tolerance
- B. Vaccination
- C. Passive immunity
- D. Metastasis

ANSWER KEY — check after completing all 15 questions

1.D 2.A 3.D 4.C 5.A 6.C 7.C 8.C 9.D 10.B 11.B 12.D 13.C 14.D 15.A