

**NEET BIOLOGY**

*Topic: Human Health & Disease*

- Which of the following immunity present in the body by birth?
  - Innate immunity
  - Specific immunity
  - Acquired immunity
  - Active immunity
- Lysozyme in saliva is an example of
  - Physical barrier
  - Cytokine barrier
  - Physiological barrier
  - Cellular barrier
- Which of the following does not include in cellular barriers of innate immunity?
  - PMN – Neutrophils
  - N K Cells
  - Macrophages
  - B – lymphocytes
- Proteins secreted by virus – infected eukaryotic cells are:
  - Antibodies
  - Antibiotics
  - Interferons
  - complement proteins.
- The army of glycoproteins secreted by plasma cells are
  - Antigens
  - Perforins
  - Haptens
  - Antibodies

6. Which of the following provide active immunity?
- (a) vaccination (b) Anti – venine serum  
(c) Anti – tetanus serum (d) Ig A in colostrums
7. Which of the following antibodies are able to pass placenta ?
- (a) Ig A (b) Ig G  
(c) Ig E (d) Ig M
8. Which of the following antibodies are mediators of allergic reaction ?
- (a) IgA (b) IgD  
(c) IgE (d) IgM
9. Anamnestic immune response is produced when antigen enter the body
- (a) 1<sup>st</sup> time (b) 2<sup>nd</sup> time  
(c) 3<sup>rd</sup> time (d) both (b) and (c)
10. The basis of vaccination and secondary immune response is
- (a) Specificity (b) Memory  
(c) Diversity (d) Self & Non – self recognition
11. Antigen – binding site of antibody is formed of variable regions of
- (a) Only light chain (b) only heavy chain  
(c) Oligosaccharide (d) both heavy & light chains

12. Anti – tetanus serum provides ?

- (a) Natural active immunity
- (b) Artificial active immunity
- (c) Natural passive immunity
- (d) Artificial passive immunity

13. Which of the following is not the mediator of allergic reaction?

- (a) IgE
- (b) IgA
- (c) Serotonin
- (d) Histamine

14. Which hormone is used for treatment of allergic reaction like Asthma?

- (a) Insulin
- (b) Glucagon
- (c) Epinephrine
- (d) Testosterone

15. Which of the following diseases occurs due to autoimmunity?

- (a) Myasthenia gravis
- (b) Rheumatoid arthritis
- (c) Amoebiasis
- (d) Both (a) & (b)

16. Which one is wrong regarding HIV?

- (a) It is a retrovirus
- (b) It causes congenital disorder
- (c) It has reverse transcriptase
- (d) Not transmitted through mosquito bite

17. Amoebic dysentery is caused by

- (a) *Entamoeba coli*
- (b) *Salmonella typhi*
- (c) *Entamoeba histolytica*
- (d) *Amoeba proteus*

18. Diagnostic test for typhoid is

- (a) ELISA
- (b) Western blotting
- (c) Widal test
- (d) Tuberculin test

19. Stimulant cocaine is obtained from

- (a) Rauwolfia
- (b) Erythroxyton
- (c) Papaver
- (d) Cannabis

20. The drug that functions as depressant of CNS is

- (a) Amphetamine
- (b) Caffeine
- (c) Opium
- (d) Cocaine

21. Hashish and ganja are obtained from:-

- (a) *Erythroxyton*
- (b) *Nicotiana*
- (c) *Papaver*
- (d) *Cannabis*

22. Which of the following fish used in Malaria – Eradication programme ?

- (a) *Catla*
- (b) *Labeo*
- (c) *Gambusia*
- (d) *Hippocampus*

23. Which of the following is not a primary lymphoid organ?

- (a) Thymus
- (b) Bursa of Fabricius
- (c) MALT
- (d) Bone marrow

24. A preparation of attenuated or dead pathogens of a disease is called

- (a) Serum
- (b) Injection
- (c) Vaccine
- (d) vaccination

25. Which of the following cell is called factory of HIV?

- (a) Macrophages
- (b) T<sub>H</sub> Cells
- (c) B – Cells
- (d) T<sub>C</sub> Cells

26. Which of the following is not the feature of malignant tumour?

- (a) Metastasis
- (b) Non – cancerous
- (c) Cancerous
- (d) invasion

27. Memory B and T – cells are stored in

- (a) Lymph
- (b) Lymph nodes
- (c) Thymus
- (d) Bone marrow

28. Common cold is caused by

- (a) Flavivirus
- (b) Arbovirus
- (c) Rhinovirus
- (d) Rhabdovirus

29. Basic Structure of an antibody has how many polypeptides ?

- (a) 5
- (b) 4
- (c) 6
- (d) 8

30. Match the following:-

Column - I	Column - I
(1) Second line of defence	(p) IgA transferred through colostrum
(2) Natural passive Immunity	(q) Surface barriers.
(3) Natural Active immunity	(r) Interferons
(4) First line of defence	(s) Pathogen infection

(a) 1 - p, 2 - q, 3 - r, 4 - s

(b) 1 - r, 2 - p, 3 - s, 4 - q

(c) 1 - r, 2 - s, 3 - p, 4 - q

(d) 1 - q, 2 - s, 3 - r, 4 - p

## ANSWER KEY

<b>Que.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Ans.</b>	A	C	D	C	D	A	B	C	D	B
<b>Que.</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>Ans.</b>	D	D	B	C	D	B	C	C	B	C
<b>Que.</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>
<b>Ans.</b>	D	C	C	C	A	B	B	C	B	B