

**EXERCISE**

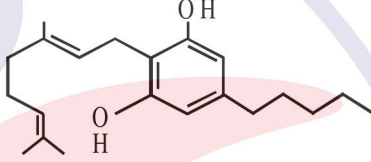
1. Immunisation is based on :-  
 (1) Memory of individuals  
 (2) Pathogenic power  
 (3) Phagocytosis  
 (4) Memory of immune system
2. Widal test is employed for detecting –  
 (1) Pneumonia                      (2) Malaria  
 (3) Typhoid                          (4) Cholera
3. *Haemophilus influenzae* causes :-  
 (1) Typhoid                          (2) Plague  
 (3) Pneumonia                      (4) Influenza
4. *Plasmodium* enters the human body as :-  
 (1) Female *Anopheles* mosquito  
 (2) Sporozoite  
 (3) Trophozoite  
 (4) Haemozoin
5. Toxin which is responsible for chill and high fever during malaria :-  
 (1) Haematin                          (2) Haemoglobin  
 (3) Haemozoin                      (4) Heam
6. House flies are mechanical carriers of :-  
 (1) Amoebiasis                      (2) Malaria  
 (3) Common cold                    (4) Plague
7. Diagram showing ringworm affected area of skin. Which given pathogen is not related with disease?



- (1) *Microsporium*
- (2) *Trichophyton*
- (3) *Epidermophyton*
- (4) *Wuchereria*

8. AIDS is due to :-  
 (1) Reduction in number of helper T-cells  
 (2) Lack of interferon  
 (3) Reduction in number of killer T-cells  
 (4) Autoimmunity
9. Nucleic acid in HIV :-  
 (1) ss RNA                              (2) ds RNA  
 (3) ss DNA                              (4) ds DNA

10. The best diagnosis of cancer is done by :-  
 (1) Biopsy  
 (2) X-ray  
 (3) Microscopic examination of body fluids  
 (4) Surgery
11. Carcinoma is a cancer of :-  
 (1) Lymphocytes  
 (2) Connective tissue  
 (3) Erythrocytes  
 (4) Ectoderm and endoderm
12. Carcinoma refers to :-  
 (1) Malignant tumours of the connective tissue  
 (2) Malignant tumours of the skin  
 (3) Benign tumours of the colon  
 (4) Benign tumours of the connective tissue
13. Causative factor of cancer is called :-  
 (1) Oncogenes                          (2) Radiogens  
 (3) Estrogens                          (4) Carcinogens
14. Interferon :-  
 (1) Kills the virus in virus infected cell  
 (2) Kills the virus and destroy cancerous cell  
 (3) Stimulates the T.I.P. (Translation Inhibiting protein)  
 (4) Antibacterial
15. Antigen is :-  
 (1) Substances which stimulates the production of venom  
 (2) Vaccine  
 (3) Antibody production stimulating agent  
 (4) Part of the body defence system
16. Which is a primary lymphoid organ :-  
 (1) Bone marrow and spleen  
 (2) Spleen and thymus  
 (3) Bone-marrow and tonsils  
 (4) thymus gland and bone marrow
17. Neutrophils and monocytes are important cells participating in :-  
 (1) Phagocytosis  
 (2) Perforin production  
 (3) Passive immunity  
 (4) Antibody production

- 18.** Immune system retains the memory of which response in vaccination process :-  
 (1) Passive immunization response  
 (2) Primary immune response  
 (3) Secondary immune response  
 (4) All the above
- 19.** Surgical removal of thymus of a new born shall result in failure to mature -  
 (1) Monocytes (2) B - lymphocytes  
 (3) T - lymphocytes (4) Basophils
- 20.** Vaccine is :-  
 (1) Type of antibody  
 (2) Inactivated antigen  
 (3) Inactivated pathogen  
 (4) Activated pathogen
- 21.** Immunisation is based on :-  
 (1) Memory of individuals  
 (2) Pathogenic power  
 (3) Phagocytosis  
 (4) Memory of immune system
- 22.** True statement about hepatitis B vaccine is  
 (1) Produced by recombinant DNA technology  
 (2) Produced in E.coli  
 (3) Formation of antibody polypeptide of pathogen  
 (4) Whole pathogen is given
- 23.** Tobacco chewing results in :-  
 (1) Mouth cancer (2) Lung cancer  
 (3) Bone cancer (4) Leukaemia
- 24.** Opium is obtained from :-  
 (1) *Thea sinensis* (2) *Coffea arabica*  
 (3) *Oryza sativa* (4) *Papaver somniferum*
- 25.** Marijuana, Ganja, and LSD are :-  
 (1) Narcotics (2) Hallucinogens  
 (3) Stimulants (4) Medicines
- 26.** LSD is obtained from :-  
 (1) *Cannabis* (2) *Claveceps*  
 (3) *Fusarium* (4) *Nostoc*
- 27.** *Cannabis sativa* (Hemp) yields:-  
 (1) Bhang (2) Charas  
 (3) Ganja (4) All the above
- 28.** In the liver, alcohol is converted into which toxic substance:-  
 (1) Formic acid (2) Acetaldehyde  
 (3) Nicotine (4) Urea
- 29.** 
- Diagram is showing, skeletal structure of :-  
 (1) Morphine molecule  
 (2) Cannabinoid molecule  
 (3) Opioid molecule  
 (4) Coca alkaloid
- 30.** Which measure would be particularly useful for prevention and control of alcohol and drug abuse among adolescents ?  
 (a) Avoid undue peer pressure  
 (b) Seeking professional and medical help  
 (c) Looking for danger sign  
 (d) Education and counselling  
 (e) Seeking help from parents and peers  
 (1) a, b, d (2) a, c, d, e  
 (3) c, e (4) a, b, c, d, e

## ANSWER KEY

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