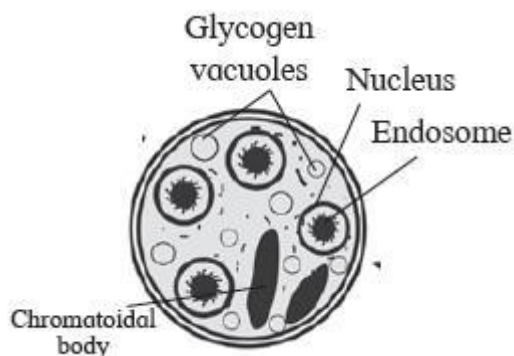


- 1) B-lymphocytes are sensitized by _____
(a) Antigens (b) Macrophages
(c) Cytotoxic T-cell (d) Plasma cells
- 2) Lymphokines are produced by _____
(a) B-cells (b) TH-cells
(c) Macrophages (d) TC- cells
- 3) _____ is not functions of free antibody.
(a) Agglutination (b) Opsonisation
(c) Neutralization (d) Engulfment
- 4) The B-lymphocytes and T-lymphocytes form _____
(a) Cell-mediated immune system
(b) Antibody-mediated immune system
(c) Humoral-mediated immune system
(d) All of these
- 5) HIV is found in the greatest concentration in _____
(a) Milk
(b) Vaginal secretions
(c) Cerebrospinal fluid
(d) Urine
- 6) _____ carcinogen does not lungs.
(a) Aflatoxin (b) Cigarette smoke
(c) Asbestos (d) Soot
- 7) Chondrosarcoma arises from _____
(a) Bone tumor (b) Adipose tissue
(c) Cartilage (d) Muscle tumor
- 8) Dengue is caused by _____ mosquito.
(a) Culex (b) Loa loa
(c) Anopheles (d) Aedes
- 9) Elephantiasis is caused by
(a) W. Bancrofti (b) P. vivax
(c) Bedbug (d) Elephant
- 10) Innate immunity is provided by
(a) Phagocytes (b) Antibody
(c) T- Lymphocytes (d) B- Lymphocytes
- 11) The concept of immunity is started by _____
(a) Landsteiner (b) Decastello
(c) Sturli (d) Edward Jenner
- 12) Which of the following is caused by smoking?
(a) Liver cirrhosis (b) Pulmonary tuberculosis
(c) Emphysema (d) Malaria
- 13) An antibody is
(a) Molecule that binds specifically an antigen
(b) WBC which invades bacteria
(c) Secretion of mammalian RBC
(d) Cellular component of blood
- 14) The antiviral proteins released by a virus-infected cell are called
(a) Histamines (b) Interferons
(c) Pyrogens (d) Allergens
- 15) Both B-cells and T-cells are derived from
(a) Lymph nodes
(b) Thymus glands

- (c) Liver
- (d) Stem cells in bone marrow
- 16)** Which of the following diseases can be contracted by droplet infection?
 - (a) Malaria (b) Chicken pox
 - (c) Pneumonia (d) Rabies
- 17)** Colostrum involved in _____
 - (a) Artificially Acquired Passive immunity
 - (b) Artificial Acquired Active immunity
 - (c) Natural Acquired Passive immunity
 - (d) Natural Acquired Active immunity
- 18)** T-lymphocytes are differentiated into _____.
 - (a) Peyer's patches (b) Thymus
 - (c) Tonsils (d) Liver
- 19)** Vaccination teaches the immune system as to how to recognize and eliminate _____ organism.
 - (a) Pathogenic (b) Non- pathogenic
 - (c) Non-infectious (d) None of these
- 20)** The resistance induced by vaccines takes place in _____
 - (a) Natural Acquired Active immunity
 - (b) Artificial Acquired Active immunity
 - (c) Natural Acquired Passive immunity
 - (d) Artificially Acquired Passive immunity
- 21)** Ring Worm cause _____
 - (a) Dermatophytosis (b) Common Cold
 - (c) Pneumonia (d) Elephantiasis
- 22)** The yellow or greenish sputum is the symptom of _____
 - (a) Typhoid (b) Pneumonia
 - (c) Malaria (d) Ascariasis
- 23)** The common cold caused by _____
 - (a) Streptococcus pneumonia
 - (b) Corona virus
 - (c) Haemophilus influenza
 - (d) Retrovirus
- 24)** Typhoid can be diagnosed by _____
 - (a) ELISA (b) Southern blotting
 - (c) Widal test (d) Western blotting
- 25)** _____ a blood group is involved in erythroblastosis.
 - (a) Bombay blood group
 - (b) Lewis
 - (c) Rh blood group
 - (d) Kidd
- 26)** _____ blood group is called the universal acceptor.
 - (a) A (b) AB (c) O (d) B
- 27)** _____ is not a blood group system.
 - (a) ABO (b) Bombay blood group
 - (c) Lewis (d) AO
- 28)** _____ are curable by gene therapy, enzyme replacement therapy.
 - (a) Infectious diseases
 - (b) Non- Communicable
 - (c) Non-infectious diseases
 - (d) Congenital diseases
- 29)** Which of the following is NOT caused by unsterilized needles?
 - (a) Elephantiasis (b) AIDS

- (c) Malaria (d) Hepatitis B
- 30) Opium derivative is
- (a) Codeine (b) Caffeine
(c) Heroin (d) Psilocybin
- 31) The stimulant present in tea is
- (a) tannin (b) Cocaine
(c) Caffeine (d) crack
- 32) Confirmatory test used for detecting HIV infection is
- (a) ELISA (b) Western blot
(c) Widal test (d) Eastern blot
- 33) Identify the following diagram



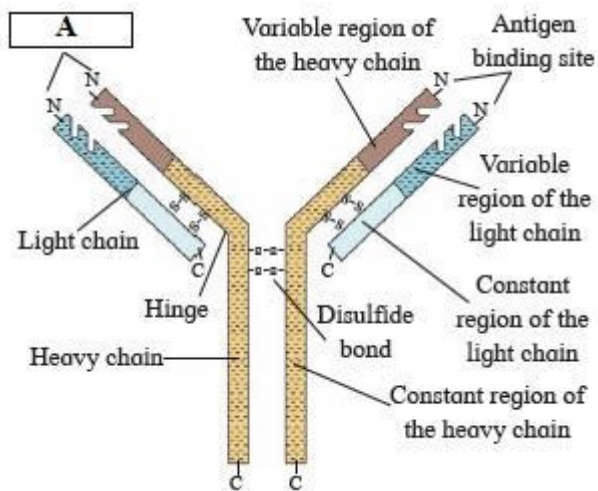
- (a) Trophozoite (b) Binucleate cyst
(c) Cyst (d) Quadrinucleate cyst
- 34) _____ is not cannabinoids
- (a) Heroin (b) Marijuana
(c) Ganja (d) Hashish
- 35) Ascariasis can be treated by _____
- (a) Piperazine (b) Diethyl-carbamazine citrate
(c) Typherix (d) Penicillin
- 36) _____ immunity is the natural defense system of the body.
- (a) Innate immunity (b) Passive immunity
(c) Inborn immunity (d) Both a and c
- 37) _____ has bactericidal activity.
- (a) Sebaceous secretions
(b) Long chain fatty acids
(c) Sweat
(d) All of these
- 38) The resistance that an individual acquires during life is called as _____
- (a) Specific immunity (b) Acquired immunity
(c) Both a and b (d) Innate immunity
- 39) The nonspecific defence against viral infections and tumors is caused by _____
- (a) NK cells (b) Phagocytic cells
(c) Microphages (d) Macrophages
- 40) Phagocytic cells was discovered by _____
- (a) Decastello (b) Landsteiner
(c) Metchnikoff (d) Edward Jenner
- 41) _____ causes serious illness during malaria.
- (a) P. Vivax (b) P. falciparum
(c) P. Ovale (d) P. malariae
- 42) The interferons are involved in _____ infection
- (a) Bacterial (b) Viral

(c) Fungal (d) None of these

43) Small pox is caused due to _____

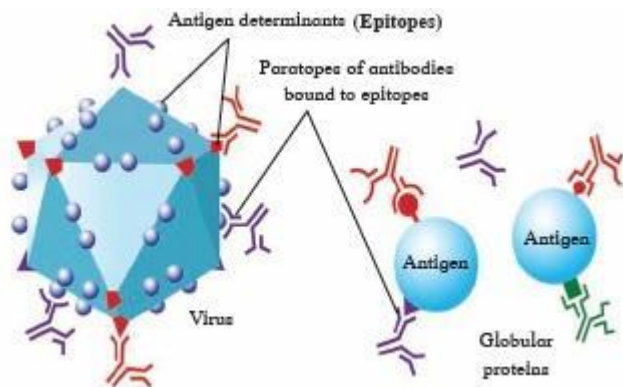
(a) Fungi (b) Bacteria
(c) Virus (d) Mosquito

44) Identify 'A' from the below diagram.



(a) Antigen binding site
(b) Hinge region
(c) Constant region of light chain
(d) Dinitrogen bonds

45) The following diagram is of



(a) Antigen
(b) Antibody
(c) Immunogen
(d) Antigen antibody complex

----- All the Best -----

10. Human Health and Diseases

- 1) Ans. (a)**
- 2) Ans. (b)**
- 3) Ans. (d)**
- 4) Ans. (d)**
- 5) Ans. (c)**
- 6) Ans. (a)**
- 7) Ans. (c)**
- 8) Ans. (d)**
- 9) Ans. (a)**
- 10) Ans. (a)**
- 11) Ans. (d)**
- 12) Ans. (c)**
- 13) Ans. (a)**
- 14) Ans. (b)**
- 15) Ans. (d)**
- 16) Ans. (c)**
- 17) Ans. (c)**
- 18) Ans. (b)**
- 19) Ans. (a)**
- 20) Ans. (b)**
- 21) Ans. (a)**
- 22) Ans. (b)**
- 23) Ans. (b)**
- 24) Ans. (c)**
- 25) Ans. (c)**

26) Ans. (b)

27) Ans. (d)

28) Ans. (d)

29) Ans. (c)

30) Ans. (c)

31) Ans. (c)

32) Ans. (b)

33) Ans. (d)

34) Ans. (a)

35) Ans. (a)

36) Ans. (d)

37) Ans. (d)

38) Ans. (c)

39) Ans. (a)

40) Ans. (c)

41) Ans. (b)

42) Ans. (b)

43) Ans. (c)

44) Ans. (a)

45) Ans. (d)