

# QB365 Question Bank Software Study Materials

## Zoology - Human Health and Diseases 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Biology

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) A 30 year old woman has bloody diarrhoea for the past 14 hours, which one of the following organisms is likely to cause this illness?  
(a) Streptococcus pyogenes (b) Clostridium difficile (c) **Shigella dysenteriae** (d) Salmonella enteritidis
- 2) Exo-erythrocytic schizogony of Plasmodium takes place in \_\_\_\_\_.  
(a) RBC (b) Leucocytes (c) Stomach (d) **Liver**
- 3) The sporozoites of Plasmodium vivax are formed from \_\_\_\_\_.  
(a) Gametocytes (b) Sporoblasts (c) **Oocysts** (d) Spores
- 4) Amphetamines are stimulants of the CNS, whereas barbiturates are \_\_\_\_\_.  
(a) CNS stimulant (b) both a and b (c) hallucinogenic (d) **CNS depressants**
- 5) The Athlete's foot disease in human is caused by \_\_\_\_\_.  
(a) Bacteria (b) **Fungi** (c) Virus (d) Protozoan
- 6) Choose the correctly match pair.  
(a) **Amphetamines - Stimulant** (b) LSD - Narcotic (c) Heroin - Psychotropic (d) Benzodiazepine - Pain killer
- 7) Cirrhosis of liver is caused by chronic intake of \_\_\_\_\_.  
(a) Opium (b) **Alcohol** (c) Tobacco (d) Cocaine
- 8) The sporozoite of the malarial parasite is present in \_\_\_\_\_.  
(a) **saliva of infected female Anopheles mosquito** (b) RBC of human suffering from malaria.  
(c) Spleen of infected humans (d) Gut of female Anopheles mosquito
- 9) Paratope is an  
(a) Antibody binding site on variable regions (b) Antibody binding site on heavy regions  
(c) **Antigen binding site on variable regions** (d) Antigen binding site on heavy regions
- 10) Allergy involves  
(a) **IgE** (b) IgG (c) IgA (d) IgM
- 11) Spread of cancerous cells to distant sites is termed as  
(a) **Metastasis** (b) Oncogenes (c) Proto-oncogenes (d) Malignant neoplasm
- 12) AIDS virus has  
(a) **Single stranded RNA** (b) Double stranded RNA (c) Single stranded DNA (d) Double stranded DNA
- 13) B cells that produce and release large amounts of antibody are called  
(a) Memory cells (b) Basophils (c) **Plasma cells** (d) killer cells
- 14) Match the pathogens with respective diseases caused by them and select the correct match using the codes given below.

A. Leishmania donavani	i. Amoebiasis
B. Wuchereria bancrofti	ii. Kala - azar
C. Trypanosoma gambiense	iii. Sleeping sickness
D. Entamoeba histolytica	iv. Filariasis

(a)	(b)	(c)	(d)
ABCD	ABCD	ABCD	ABCD
iiiiiii	iiivi iii	iiii iiiv	i iviiii

- 15) \_\_\_\_\_ is a pandemic disease  
(a) Polio (b) **Swine flu** (c) Dysentery (d) Dengue fever
- 16) Vector control research Centre is located in \_\_\_\_\_  
(a) Chennai (b) Delhi (c) **Puducherry** (d) Hyderabad
- 17) \_\_\_\_\_ is a dermatropic disease  
(a) Influenza (b) **Measles** (c) Cold (d) Rabies
- 18) \_\_\_\_\_ is not a symptom of Kala-azar  
(a) Anemia (b) Fever (c) Spleen enlargement (d) **Muscle spasms**
- 19) Disease eradicated by immunization programmes in India  
(a) Chicken pox (b) **Small pox** (c) Measle (d) Diphtheria
- 20) The pathogenic bacteria causing bubonic plague is \_\_\_\_\_  
(a) **yersinia pestis** (b) Clostridium tetani (c) Shigella sp (d) Streptococcus pneumoniae
- 21) For the following diseases, respiratory system is the site of infection, except \_\_\_\_\_  
(a) **Dengue fever** (b) Chicken pox (c) Common cold (d) Measles
- 22) Yellow fever and dengue fever are categorized under this group, classifies based on the organs which get affected  
(a) neurotropic disease (b) **viscerotropic disease** (c) dermatropic disease (d) pneumotropic disease
- 23) This is not a lifestyle disorder in man  
(a) Cancer (b) diabetes (c) cardiovascular disease (d) **lung disease**
- 24) The Duration of erythrocyte cycle for plasmodium ovale is  
(a) 75 hours (b) 36-48 hours (c) 32 hours (d) **48 hours**
- 25) Choose the symptom not seen in amoebiasis  
(a) Diarrhoea (b) Abdominal pain (c) Ulceration (d) **Fever**
- 26) \_\_\_\_\_ test is done to confirm typhoid.  
(a) ELISA (b) Western blot (c) **Widal test** (d) Southern blot
- 27) Identify the mismatched pair  
(a) Hepatitis - Liver (b) Poliomyelitis - Brain and spinal cord (c) **Measles - Intestine** (d) Mumps - Salivary gland
- 28) Identify the wrong statement regarding polio disease.  
(a) Polio is caused by a RNA virus (b) One of the infection site of polio is intestine  
(c) **Culex mosquito acts as a vector for polio.** (d) Paralysis and respiratory failure are the symptoms.
- 29) Yellow fever is a \_\_\_\_\_ type of disease.

- (a) Neurotropic    **(b) Viscerotropic**    (c) Pneumotropic    (d) Dermotropic
- 30) Assertion (A): Spleen is a primary lymphoid organ  
Reason (R): Primary lymphoid organs trap antigen and destroy them.
- (a) Both (A) and (R) are true. (R) explains (A)    (b) (A) is true (R) is false    **(c) Both (A) and (R) are false**  
(d) (A) is false (R) is true
- 31) Assertion (A): Paratope is the antigen-binding site.  
Reason (R): It is a part of antibody
- (a) Both (A) and (R) are true. (R) explains (A)    **(b) (A) is true (R) is false**    (c) Both (A) and (R) are false  
(d) (A) is false (R) is true
- 32) Secretion of HCl in stomach is an example for \_\_\_\_\_
- (a) Anatomical barriers    (b) Phagocytic barriers    **(c) Physiological barriers**    (d) Inflammatory barriers
- 33) The L and H chains of immunoglobulin are joined by \_\_\_\_\_
- (a) Hydrogen bonds    **(b) disulphide bonds**    (c) phosphodiester bonds    (d) ionic bond
- 34) Identify the wrong statement.
- (a) Vaccine provide passive acquired immunity**    (b) It is made from attenuated or killed microbes  
(c) Vaccines teach our body how to defend from microbes    (d) MMR is a first generation vaccine
- 35) Which of the following statement(s) is true regarding cancer cells?
- (a) Neoplasm or tumor cells show uncontrolled growth  
(b) They are metastatic  
(c) They lack contact inhibition  
(d) They may be benign or malignant
- (a) (a) only    (b) (b) and (c)    (c) (d) only    **(d) All the above**
- 36) AIDS is characterized by sharp reduction in number of \_\_\_\_\_
- (a) helper T cells**    (b) killer T cells    (c) superior T cells    (d) B-cells
- 37) The test that confirms HIV positive is \_\_\_\_\_
- (a) Western blot**    (b) Northern blot    (c) Southern blot    (d) all the above
- 38) Entamoeba histolytica is a human parasite usually founded in
- (a) intestine**    (b) liver    (c) blood    (d) mouth
- 39) White blood cells non-specific killers of microbes are
- (a) B-cells    **(b) phagocytes**    (c) killer T-cells    (d) helper T-cells
- 40) The term humour refers to
- (a) bone marrow    **(b) plasma and lymph**    (c) all internal tissues    (d) all subcutaneous tissue
- 41) The humoral immune system defends mostly against bacteria and viruses in the
- (a) body fluids**    (b) digestive tract    (c) internal organs    (d) regions beneath the skin
- 42) The basic shape of antibody resembles
- (a) G    (b) Q    **(c) Y**    (d) H
- 43) Why dendritic cells are called so?

- (a) Because they look like teeth of animals    (b) Because they cause dent in the host body  
**(c) Because they look like dendrites of nerve cells**    (d) Because they function like nerve cells
- 44) Which one is not a bacterial disease?  
(a) Tuberculosis    (b) Typhoid    (c) Leprosy    **(d) AIDS**
- 45) Congenital diseases by  
(a) Disease of genital organs    **(b) Disease prevent right from birth**    (c) Disease acquired later on after birth  
(d) None of these
- 46) A person suffering from a disease caused by Plasmodium, experiences recurring chill and fever at the time when?  
(a) The sporozoites released from RBCI are being rapidly killed and broken down inside spleen  
(b) The trophozoites reach maximum growth and give out certain toxins.  
**(c) The parasite after its rapid multiplication inside RBC's reptiles them, releasing the stage to enter fresh RBC'S**  
(d) The microgametocytes and megagametocytes are being destroyed by the WBC
- 47) Which one of the following organisms is scientifically and correctly named, correctly printed according to the international rules of Nomenclature and correctly described?  
**(a) Plasmodium falciparum - a protozoan causing the most serious type of malaria.**  
(b) Felis Tigris - The Indian tiger is well protected in Gir forests.  
(c) E. Coli - The full name is Entamoeba coli, a commonly occurring bacterium in human intestine.    (d) None of these
- 48) Which one of the following statements is correct with respect to immunity  
(a) The antibodies against small pox pathogen are produced by T - lymphocytes  
(b) Antibodies are protein molecules each of which has four light chains  
(c) Rejection of a kidney graft is the function of B - lymphocytes.  
**(d) Preformed antibodies need to be injected to treat the bite by a viper snake.**
- 49) Which one of the following is not , property of cancerous cells whereas the remaining three are  
(a) They compete with normal cells for vital nutrients    (b) They do not remain confined in the area of formation  
(c) They divide in an uncontrolled manner    **(d) They show contact inhibition**
- 50) Which of the following type of antibody react with particulate antigen?  
(a) Precipitins    (b) Antitoxins    **(c) Agglutinin**    (d) Opsonin