**MASTER’S PU COLLEGE HASSAN**

**BIOLOGY NEET PRATICE QUESTIONS**

**TOPIC: HUMAN HEALTH AND DISEASES**

1. **The clinical test that is used for diagnosis of typhoid is:**  
    a. ELISA-Test b. ESR – Test c. PCR – Test d. Widal-Test
2. **Diseases are broadly grouped into infectious and non-infectious diseases. In the list given below, identify the infectious diseases.**  
    i. Cancer ii. Influenza iii. Allergy iv. Small pox

(a) i and ii (b) ii and iii (c) iii and iv (d) ii and iv

1. **The sporozoites that cause infection when a female Anopheles mosquito bites a human being are formed in:**  
    a. Liver of human b. RBCs of mosquito  
    c. salivary glands of mosquito d. intestine of human
2. **The disease chikunguniya is transmitted by:**  
    a. house flies b. Aedes mosquitoes c. Cockroach d. female Anopheles
3. **Many diseases can be diagnosed by observing the symptoms in the patient. Which group of symptoms are indicative of pneumonia?**  
    a. Difficulty in respiration, fever, chills, cough, headache  
    b. Constipation, abdominal pain, cramps, blood clots  
    c. Nasal congestion and discharge, cough, sorethroat, headache  
    d. High fever, weakness, stomach pain, loss of appetite and constipation
4. **Cancer causing genes are called:**  
    a. structural genes b. expressor genes c. Oncogenes d. regulatory genes
5. **In malignant tumors, the cells proliferate, grow rapidly and move to other parts of the body to form new tumors. This stage of disease is called:**  
    a. Metagenesis b. Metastasis c. Teratogenesis d. Mitosis
6. **Which of the following are the reason(s) for Rheumatoid arthritis? Choose the correct option.**  
    i. The ability to differentiate pathogens or foreign molecules from self cells increases.  
    ii. Body attacks self cells  
    iii. More antibodies are produced in the body  
    iv. The ability to differentiate pathogens or foreign molecules from self cells is lost

(a) i and ii (b) ii and iv (c) iii and iv (d) i and iii

1. **The substance produced by a cell in viral infection that can protect other cells from further infection is:**  
    a. Serotonin b. Colostrum c. Interferon d. Histamine
2. **Antibodies present in colostrum which protect the new born from certain diseases is of**  
    a. Ig G type b. Ig A type c. Ig D type d. Ig E type
3. **Tobacco consumption is known to stimulate secretion of adrenaline and nor-adrenaline. The component causing this could be**:  
    a. Nicotine b. Tannic acid c. Curaimin d. Catechin
4. **Anti venom against snake poison contains:**  
    a. Antigens b. Antigen-antibody complexes  
    c. Antibodies d. Enzymes
5. **Which of the following is not a lymphoid tissue?**  
    a. Spleen b. Tonsils c. Pancreas d. Thymus
6. **Haemozoin is:**  
    a. a precursor of hemoglobin

b. a toxin released from Streptococcus infected cells  
 c. a toxin released from Plasmodium infected cells

d. a toxin released from Haemophilus infected cells

1. **MALT constitutes about..... percent of the lymphoid tissue in human body?**
   1. 50% b. 20% c. 70% d. 10%
2. **If you suspect major deficiency of antibodies in a person, to which of the following would you look for confirmatory evidence.**
   1. Fibrinogen in plasma b. Serum albumins

c. Haemocytes d. Serum Globulins

1. **The most active phagocytic white blood cells are**
   1. Neutrophils and eosinophils
   2. Lymphocytes and macrophages
   3. Eosinophils and lymphocytes
   4. Neutrophils and monocytes
2. **Identify the site where *Wuchereria bancrofti* is normally found in infected human body?**
   1. Muscles of the leg
   2. Blood vessels of the thigh region
   3. Skin between the fingers
   4. Lymphatic vessels of the lower limbs
3. **Which disease of prions in man is similar with cattle’s bovine spongiform encephalopathy (BSE)?**
   1. Encephalitis b. Cruetzfeldt-Jakob disease (CJD)

c. Spongiocitis of cerebrum d. Spondylitis

1. **Which one of the following is due to allergic reaction?**
   1. Enteric fever b. Skin cancer c. Goitre d. Hay fever
2. **A metastatic cancerous tumor is termed as sarcoma if the disorder is in**
   1. Fibroblasts b. Circulatory system c. Immune system d. Epithelial tissue
3. **Which parasite worm can cause lung damage and severe malnutrition?**
   1. Ancyclostoma b. Wuchereria c. Ascaris d. Entamoeba
4. **The so-called tertian periodicity of *plasmodiun vivax* refers to the**
   1. Pre-erythrocytic phase b. Post erythrocytic phase

c. Erythrocytic phase d. Sexual phase

1. **Intermediate host is absent in**
   1. Plasmodium b. Entamoeba c. Trypanosoma d. Filarial worm
2. **The person with blackbile were considered to be**
   1. Belonged to black pigmentation group
   2. Belonged to hot personality
   3. Belonged to hot personality having fever
   4. Belonged to black pigmantation will be prone to fever
3. **Intestinal perforation is the ulimate symptom of the extreme stage of wchih disorder?**
   1. Malaria b. Filariasis c. Typhoid d. Pneumonia
4. **In the structure of an antibody, which terminal has antigen binding site?**
   1. N terminal of heavy chain and C terminal of light chain
   2. C terminal of heavy chain and N terminal of light chain
   3. N terminal of heavy chain and N terminal of light chain
   4. C terminal of heavy chain and C terminal of light chain
5. **Anamnestic response is generated by**
   1. First interaction of pathogen with the body
   2. Second interaction of pathogen with the body
   3. Response aganist self cells
   4. Response aganist not a potential antigen
6. **When quick protection or immunity is required, we admintrate which kind of immunization?**
   1. Active b. Passive

c. Both depending on pathogen d. Generally active sometimes passive.

1. **A person with sickle cell anemia is**  
    a. more prone to malaria b. more prone to typhoid  
    c. less prone to malaria d. less prone to typhoid

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| --- | --- | --- | --- |
| **Sl.no** | **Key answer** | **Sl.no** | **Key answer** |
| **1** | **A** | **16** | **D** |
| **2** | **D** | **17** | **D** |
| **3** | **C** | **18** | **D** |
| **4** | **B** | **19** | **B** |
| **5** | **A** | **20** | **D** |
| **6** | **C** | **21** | **A** |
| **7** | **B** | **22** | **C** |
| **8** | **B** | **23** | **C** |
| **9** | **C** | **24** | **B** |
| **10** | **B** | **25** | **C** |
| **11** | **A** | **26** | **C** |
| **12** | **C** | **27** | **C** |
| **13** | **C** | **28** | **B** |
| **14** | **C** | **29** | **B** |
| **15** | **A** | **30** | **C** |