

OPEN STUDENT FOUNDATION

CHAPTER 8 Human Health and disease STD 12TH Biology

Date : 23/02/24

Total Marks: 30

PRACTICE SHEET DAY 5

Time: 1 hr

Section A

- Choose correct answer from the given options. [Each carries 1 Mark] [8]
- The term 'Health' is defined in many ways. The most accurate definition of the health would be
(A) Health is the state of body and mind in a balanced condition
(B) Health is the reflection of a smiling face
(C) Health is a state of complete physical, mental and social well-being
(D) Health is the symbol of economic prosperity.
 - 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
 - The sporozoites that cause infection when a female Anopheles mosquito bites a person, are formed in
(A) liver of the person (B) RBCs of mosquito
(C) salivary glands of mosquito (D) gut of mosquito
 - 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, constipation, headache
(D) High fever, weakness, stomach pain, loss of appetite and constipation
 - 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
 - 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
 - When an apparently healthy person is diagnosed as unhealthy by a psychiatrist, the reason could be that
(A) the patient was not efficient at his work
(B) the patient was not economically prosperous
(C) the patient shows behavioural and social maladjustment
(D) he does not take interest in sports
 - AIDS is caused by HIV. Among the following, which one is not a mode of transmission of HIV ?
(A) Transfusion of contaminated blood (B) Sharing the infected needles
(C) Shaking hands with infected persons (D) Sexual contact with infected persons

Section B

- Write the answer of the following questions. [Each carries 2 Marks] [6]
1. Give scientific reason : Virus infected cells provide innate immunity to other cells.
 2. Give scientific reason : Autoimmune diseases are different from immune deficiency diseases.
 3. Give difference : Innate immunity and Acquired immunity

Section C

- Write the answer of the following questions. [Each carries 3 Marks] [12]
4. The principle of Vaccination and Immunisation is based on which property ?
 5. Mention the detection and diagnosis of Cancer ?
 6. Explain in detail treatment of Cancer ?
 7. Explain - Lymphoid organs in human immune system. (Figure is not necessary)

Section D

- Write the answer of the following questions. [Each carries 4 Marks] [4]
8. Mention the life cycle of Plasmodium ?



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Section [A] : 1 Mark MCQ

No	Ans	Chap	Sec	Que	Universal_Queld
1.	C	Chap 7	S5	1	QP23P11B1214_P1C7S5Q1
2.	D	Chap 7	S5	4	QP23P11B1214_P1C7S5Q4
3.	C	Chap 7	S5	5	QP23P11B1214_P1C7S5Q5
4.	A	Chap 7	S5	7	QP23P11B1214_P1C7S5Q7
5.	B	Chap 7	S5	9	QP23P11B1214_P1C7S5Q9
6.	B	Chap 7	S5	11	QP23P11B1214_P1C7S5Q11
7.	C	Chap 7	S5	10	QP23P11B1214_P1C7S5Q10
8.	C	Chap 7	S5	12	QP23P11B1214_P1C7S5Q12

Section [B] : 2 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
1.	-	Chap 7	S2	8	QP23P11B1214_P1C7S2Q8
2.	-	Chap 7	S2	6	QP23P11B1214_P1C7S2Q6
3.	-	Chap 7	S2	3	QP23P11B1214_P1C7S2Q3

Section [C] : 3 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
4.	-	Chap 7	S1	31	QP23P11B1214_P1C7S1Q31
5.	-	Chap 7	S1	53	QP23P11B1214_P1C7S1Q53
6.	-	Chap 7	S1	55	QP23P11B1214_P1C7S1Q55
7.	-	Chap 7	S1	39	QP23P11B1214_P1C7S1Q39

Section [D] : 4 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
8.	-	Chap 7	S1	17	QP23P11B1214_P1C7S1Q17