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NEET HUMAN HEALTH AND DISEASE — PYQS

Max. Marks: 392 **Questions:** 98

Section A (MCQ) — 98 questions

Q.1 Match **List I** with **List II**: [NEET (UG) 2026]

List I (Drug)		List II (Effect)	
A.	Nicotine	I.	Causes sense of euphoria and increased energy
B.	Morphine	II.	Stimulates adrenal gland to release catecholamines into blood circulation
C.	Heroin	III.	Effective sedative and painkiller
D.	Cocaine	IV.	A depressant; slows down body function

(1) A-II, B-III, C-I, D-IV
(2) A-III, B-II, C-IV, D-I
(3) A-III, B-II, C-I, D-IV
(4) A-II, B-III, C-IV, D-I

Solution

Q.2 The following are the stages of life cycle of *Plasmodium*. Arrange the stages in the proper order.
A. The parasites reproduce asexually in RBCs, bursting the cells.
B. The parasites reproduce asexually in liver cells, bursting the cells and releasing into blood.
C. Gametocytes develop in RBCs.
D. Sporozoites reach the liver through the blood.
E. Female mosquito injects sporozoites into humans during bite.
Choose the correct answer from the options given below: [NEET (UG) 2026]
(1) A, B, C, D, E (2) E, C, D, B, A
(3) E, D, B, A, C (4) C, A, B, D, E

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Q.3 Which of the following is used as an effective sedative and painkiller for treating post-surgery patients? [RE-NEET (UG) 2026]
(1) Anti-retroviral drugs
(2) Interferon
(3) Antibiotics
(4) Morphine

Solution

Q.4 Colostrum, secreted by mother during initial days of lactation, is abundant in _____. [RE-NEET (UG) 2026]
(1) IgD (2) IgG (3) IgM (4) IgA

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Q.5 Which of the following statements is correct about *Plasmodium*? [RE-NEET (UG) 2026]
(1) Fertilization takes place in mosquito gut
(2) Reproduces sexually in liver cells
(3) Reproduces sexually in RBCs
(4) Gametocytes develop in mosquito gut

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Q.6 Which of the following are secondary lymphoid organs?
A. Bone marrow B. Tonsils
C. Spleen D. Thymus
[RE-NEET (UG) 2026]
(1) A and D only (2) A and B only
(3) B and C only (4) B and D only

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Q.7 Neoplastic characteristics of cells refer to:
A. A mass of proliferating cells
B. Rapid growth of cells
C. Invasion and damage to the surrounding tissue
D. Those confined to original location
Choose the correct answer from the options given below: [NEET (UG) 2025]
(1) A, B, D only (2) B, C, D only
(3) A, B only (4) A, B, C only

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Q.8 Which are correct:
A. Computed tomography and magnetic resonance imaging detect cancers of internal organs.
B. Chemotherapeutic drugs are used to kill non-cancerous cells.
C. α-interferon activates the cancer patients' immune system and helps in destroying the tumour.
D. Chemotherapeutic drugs are biological response modifiers.

E. In the case of leukaemia blood cell counts are decreased.

Choose the correct answer from the options given below: [NEET (UG) 2025]

(1) C and D only (2) A and C only

(3) B and D only (4) D and E only

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Q.9 After maturation, in primary lymphoid organs, the lymphocytes migrate for interaction with antigens to secondary lymphoid organ(s) / tissue(s) like

A. thymus B. bone marrow

C. spleen D. lymph nodes

E. Peyer's patches

Choose the correct answer from the options given below [NEET (UG) 2025]

(1) E, A, B only (2) C, D, E only

(3) B, C, D only (4) A, B, C only

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Q.10 Which of the following type of immunity is present at the time of birth and is a non-specific type of defence in the human body? [NEET (UG) 2025]

(1) Cell-mediated Immunity

(2) Humoral Immunity

(3) Acquired Immunity

(4) Innate Immunity

Solution

Q.11 Identify the statement that is NOT correct. [NEET (UG) 2025]

(1) Antigen binding site is located at C-terminal region of antibody molecules.

(2) Constant region of heavy and light chains are located at C-terminus of antibody molecules

(3) Each antibody has two light and two heavy chains.

(4) The heavy and light chains are held together by disulfide bonds.

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Q.12 Match **List I** with **List II**:

List - I		List - II	
A.	Typhoid	I.	Fungus
B.	Leishmaniasis	II.	Nematode
C.	Ringworm	III.	Protozoa
D.	Filariasis	IV.	Bacteria

Choose the correct answer from the options given below: [NEET (UG) 2024]

(1) A-I, B-III, C-II, D-IV

(2) A-IV, B-III, C-I, D-II

(3) A-III, B-I, C-IV, D-II

(4) A-II, B-IV, C-III, D-I

Solution

Q.13 Match **List I** with **List II**:

List - I		List - II	
A.	Cocaine	I.	Effective sedative in surgery
B.	Heroin	II.	*Cannabis sativa*
C.	Morphine	III.	*Erythroxylum*
D.	Marijuana	IV.	*Papaver somniferum*

Choose the correct answer from the options given below: [NEET (UG) 2024]

(1) A-IV, B-III, C-I, D-II

(2) A-I, B-III, C-II, D-IV

(3) A-II, B-I, C-III, D-IV

(4) A-III, B-IV, C-I, D-II

Solution

Q.14 Match **List I** with **List II** :

List - I		List - II	
A.	Common cold	I.	*Plasmodium*
B.	Haemozoin	II.	Typhoid
C.	Widal test	III.	Rhinoviruses
D.	Allergy	IV.	Dust mites

Choose the correct answer from the options given below : [NEET (UG) 2024]

(1) A-II, B-IV, C-III, D-I

(2) A-I, B-III, C-II, D-IV

(3) A-III, B-I, C-II, D-IV

(4) A-IV, B-II, C-III, D-I

Solution

Q.15 Given below are two statements :

Statement-I: Bone marrow is the main lymphoid organ where all blood cells including lymphocytes are produced.

Statement-II: Both bone marrow and thymus provide micro environments for the development and maturation of T-lymphocytes.

In the light of above statements, choose the most appropriate answer from the options given below [NEET (UG) 2024]

(1) Both Statement-I and Statement-II are correct.

(2) Both Statement-I and Statement-II are incorrect.

(3) Statement-I is correct but Statement-II is incorrect.

(4) Statement-I is incorrect but Statement-II is correct.

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Q.16 Given below are two statements:

Statement-I: Antibiotics are chemicals produced by microbes that kill other microbes.
Statement-II: Antibodies are chemicals formed in body that eliminate microbes.

In the light of the above statements, choose the most appropriate answer from the options given below. [RE-NEET (UG) 2024]

(1) Statement-I is correct but Statement-II is incorrect
(2) Statement-I is incorrect but Statement-II is correct
(3) Both Statement-I and Statement-II are correct
(4) Both Statement-I and Statement-II are incorrect

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Q.17 Match **List-I** with **List-II**:

List-I		List-II	
A.	Malignant tumors	I.	Destroy tumors
B.	MALT	II.	AIDS
C.	NACO	III.	Metastasis
D.	α-Interferons	IV.	Lymphoid tissue

Choose the correct answer from the options given below: [RE-NEET (UG) 2024]

(1) A-III, B-IV, C-II, D-I
(2) A-IV, B-III, C-II, D-I
(3) A-III, B-IV, C-I, D-II
(4) A-III, B-I, C-IV, D-II

Solution

Q.18 Match **List I** with **List II** :

List - I		List - II	
A.	B-Lymphocytes	I.	Passive immunity
B.	Interferons	II.	Cell mediated immunity
C.	T-Lymphocytes	III.	Produce an army of proteins in response to pathogens
D.	Colostrum	IV.	Innate immunity

Choose the correct answer from the options given below : [RE-NEET (UG) 2024]

(1) A-I, B-IV, C-II, D-III
(2) A-IV, B-II, C-III, D-I
(3) A-III, B-IV, C-II, D-I
(4) A-II, B-IV, C-I, D-III

Solution

Q.19 In which blood corpuscles, the HIV undergoes replication and produces progeny viruses? [NEET (UG) 2023]

(1) B-lymphocytes (2) Basophils
(3) Eosinophils (4) T_H cells

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Q.20 Match **List I** with **List II**.

List I		List II	
A.	Heroin	I.	Effect on cardiovascular system
B.	Marijuana	II.	Slow down body function
C.	Cocaine	III.	Painkiller
D.	Morphine	IV.	Interfere with transport of dopamine

Choose the correct answer from the options given below: [NEET (UG) 2023]

(1) A-I, B-II, C-III, D-IV
(2) A-IV, B-III, C-II, D-I
(3) A-III, B-IV, C-I, D-II
(4) A-II, B-I, C-IV, D-III

Solution

Q.21 Match **List I** with **List II**.

List I		List II	
A.	Ringworm	I.	*Haemophilus influenzae*
B.	Filariasis	II.	*Trichophyton*
C.	Malaria	III.	*Wuchereria bancrofti*
D.	Pneumonia	IV.	*Plasmodium vivax*

Choose the correct answer from the options given below: [NEET (UG) 2023]

(1) A-II, B-III, C-I, D-IV
(2) A-III, B-II, C-I, D-IV
(3) A-III, B-II, C-IV, D-I
(4) A-II, B-III, C-IV, D-I

Solution

Q.22 Given below are two statements:
Statement-I: Autoimmune disorder is a condition where body defense mechanism recognizes its own cells as foreign bodies.
Statement-II: Rheumatoid arthritis is a condition where body does not attack self cells.

In the light of the above statements, choose the most appropriate answer from the options given below : [NEET (UG) 2022]

(1) Both Statement-I and Statement-II are correct
(2) Both Statement-I and Statement-II are incorrect
(3) Statement-I is correct but Statement-II is incorrect
(4) Statement-I is incorrect but Statement-II is correct

Scan or tap for the full solution

Q.23 Select the incorrect statement with respect to acquired immunity. [NEET (UG) 2022]

(1) Primary response is produced when our body encounters a pathogen for the first time.

(2) Anamnestic response is elicited on subsequent encounters with the same pathogen.

(3) Anamnestic response is due to memory of first encounter.

(4) Acquired immunity is non-specific type of defense present at the time of birth.

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Q.24 Which of the following reasons is mainly responsible for graft rejection in transplantation of organs? [NEET (UG) 2022 (Phase 2)]

(1) Cell-mediated response

(2) Inability of recipient to differentiate between 'self' and 'non-self' tissues/cells

(3) Humoral immune response only

(4) Auto-immune response

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Q.25 Match **List-I** with **List-II** :

List-I		List-II	
a.	Cellular barrier	i.	Interferons
b.	Cytokine barrier	ii.	Mucus
c.	Physical barrier	iii.	Neutrophils
d.	Physiological barrier	iv.	HCl in gastric juice

Choose the correct answer from the options given below : [NEET (UG) 2022 (Phase 2)]

(1) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

(2) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(3) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

(4) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)

Solution

Q.26 Match **List-I** with **List-II**

List-I		List-II	
a.	Filariasis	i.	*Haemophilus influenzae*
b.	Amoebiasis	ii.	*Trichophyton*
c.	Pneumonia	iii.	*Wuchereria bancrofti*
d.	Ringworm	iv.	*Entamoeba histolytica*

Choose the correct answer from the options given below [NEET (UG) 2021]

(1) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

(2) (a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)

(3) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(4) (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

Solution

Q.27 Match the following diseases with the causative organism and select the correct option [NEET (UG) 2020]

Column-I		Column-II	
a.	Typhoid	i.	*Wuchereria*
b.	Pneumonia	ii.	*Plasmodium*
c.	Filariasis	iii.	*Salmonella*
d.	Malaria	iv.	*Haemophilus*

(1) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)

(2) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

(3) (a)-(i), (b)-(iii), (c)-(ii), (d)-(iv)

(4) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)

Solution

Q.28 The infectious stage of *Plasmodium* that enters the human body is [NEET (UG) 2020]

(1) Trophozoites (2) Sporozoites

(3) Male gametocytes (4) Female gametocytes

Scan or tap for the full solution

Q.29 Identify the wrong statement with reference to immunity [NEET (UG) 2020]

(1) Active immunity is quick and gives full response.

(2) When exposed to antigen (living or dead) antibodies are produced in the host's body. It is called "Active immunity".

(3) Foetus receives some antibodies from mother, it is an example for passive immunity.

(4) When ready-made antibodies are directly given, it is called "Passive immunity"

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Q.30 Identify the correct pair representing the causative agent of typhoid fever and the confirmatory test for typhoid. [NEET (UG) 2019]

(1) *Salmonella typhi*/ Anthrone test

(2) *Salmonella typhi*/ Widal test

(3) *Plasmodium vivax*/ UTI test

(4) *Streptococcus pneumoniae*/ Widal test

Scan or tap for the full solution

Q.31 Colostrum, the yellowish fluid, secreted by mother during the initial days of lactation is very essential to impart immunity to the newborn infants because it contains : [NEET (UG) 2019]

(1) Macrophages (2) Immunoglobulin A

(3) Natural killer cells (4) Monocytes

Scan or tap for the full solution

Q.32 Drug called 'Heroin' is synthesized by : [NEET (UG) 2019]

(1) glycosylation of morphine
(2) nitration of morphine
(3) methylation of morphine
(4) acetylation of morphine

Solution

Q.33 Which of the following immune responses is responsible for rejection of kidney graft? [NEET (UG) 2019]

(1) Inflammatory immune response
(2) Cell-mediated immune response
(3) Auto-immune response
(4) Humoral immune response

Solution

Q.34 Which part of poppy plant is used to obtain the drug "smack"? [NEET 2018]

(1) Flowers (2) Latex
(3) Roots (4) Leaves

Solution

Q.35 MALT constitutes about _____ percent of the lymphoid tissue in human body [NEET 2017]

(1) 20% (2) 70% (3) 10% (4) 50%

Scan or tap for the full solution

Q.36 Which of the following is not an autoimmune disease? [NEET 2018]

(1) Psoriasis (2) Rheumatoid arthritis
(3) Alzheimer's disease (4) Vitiligo

Scan or tap for the full solution

Q.37 In which disease does mosquito transmitted pathogen cause chronic inflammation of lymphatic vessels? [NEET 2018]

(1) Elephantiasis (2) Ascariasis
(3) Ringworm disease (4) Amoebiasis

Scan or tap for the full solution

Q.38 Transplantation of tissues/ organs fails often due to non-acceptance by the patient's body. Which type of immune response is responsible for such rejections ? [NEET 2017]

(1) Cell-mediated immune response
(2) Physiological immune response
(3) Hormonal immune response
(4) Autoimmune response

Solution

Q.39 Antivenom injection contains preformed antibodies while polio drops that are administered into the body contain - [NEET 2016 (Phase 1)]

(1) Attenuated pathogens
(2) Activated pathogens
(3) Harvested antibodies
(4) Gamma globulin

Solution

Q.40 Which of the following statements is not true for cancer cells in relation to mutations ? [NEET 2016 (Phase 1)]

(1) Mutations inhibit production of telomerase
(2) Mutations in proto-oncogenes accelerate the cell cycle
(3) Mutations destroy telomerase inhibitor
(4) Mutations inactivate the cell control

Scan or tap for the full solution

Q.41 In higher vertebrates, the immune system can distinguish self-cells and non-self. If this property is lost due to genetic abnormality and it attacks self-cells, then it leads to [NEET 2016 (Phase 1)]

(1) Active immunity (2) Allergic response
(3) Graft rejection (4) Auto-immune disease

Scan or tap for the full solution

Q.42 Which of the following sets of diseases is caused by bacteria ? [NEET 2016 (Phase 2)]

(1) Herpes and influenza
(2) Cholera and tetanus
(3) Tetanus and mumps
(4) Typhoid and smallpox

Solution

Q.43 Which of the following is correct regarding AIDS causative agent HIV ? [NEET 2016 (Phase 2)]

(1) HIV is unenveloped retrovirus
(2) HIV is enveloped virus containing one molecule of single-stranded RNA and one molecule of reverse transcriptase.
(3) HIV does not escape but attacks the acquired immune response
(4) HIV is enveloped virus that contains two identical molecules of single-stranded RNA and two molecules of reverse transcriptase

Scan or tap for the full solution

Q.44 Which of the following immunoglobulins does constitute the largest percentage in human milk? [AIPMT 2015]

(1) IgM (2) IgA (3) IgG (4) IgD

Scan or tap for the full solution

Q.45 Which of the following diseases is caused by a protozoan? [AIPMT 2015]

(1) Influenza (2) Babesiosis
(3) Blastomycosis (4) Syphilis

Scan or tap for the full solution

Q.46 Grafted kidney may be rejected in a patient due to - [AIPMT 2015]

(1) Humoral immune response
(2) Cell-mediated immune response
(3) Passive immune response
(4) Innate immune response

Solution

Q.47 Match each disease with its correct type of vaccine [AIPMT 2015 (Cancelled)]

Column I		Column II	
A.	Tuberculosis	i.	Harmless virus
B.	Whooping cough	ii.	Inactivated toxin
C.	Diphtheria	iii.	Killed bacteria
D.	Polio	iv.	Harmless bacteria

(1) A - (i), B - (ii), C - (iv), D - (iii)
(2) A - (iv), B - (iii), C - (ii), D - (i)
(3) A - (ii), B - (i), C - (iii), D - (iv)
(4) A - (iii), B - (ii), C - (iv), D - (i)

Solution

Q.48 The active form of *Entamoeba histolytica* feeds upon [AIPMT 2015 (Cancelled)]

(1) food in intestine
(2) mucosa and submucosa of colon only
(3) blood only
(4) erythrocytes, mucosa and submucosa of colon

Scan or tap for the full solution

Q.49 HIV that causes AIDS, first starts destroying [AIPMT 2015 (Cancelled)]

(1) thrombocytes
(2) leucocytes
(3) helper T-lymphocytes
(4) B-lymphocytes

Solution

Q.50 Which is the particular type of drug that is obtained from the plant whose one flowering branch is shown below? [AIPMT 2014]

(1) Hallucinogen (2) Stimulant
(3) Depressant (4) Pain-killer

Scan or tap for the full solution

Q.51 At which stage of HIV infection does one usually show symptoms of AIDS ? [AIPMT 2014]

(1) Within 15 days of sexual contact with an infected person.
(2) When the infected retro virus enters host cells.
(3) When HIV damages large number of helper T-Lymphocytes.
(4) When the viral DNA is produced by reverse transcriptase.

Scan or tap for the full solution

Q.52 Infection of *Ascaris* usually occurs by : [NEET 2013]

(1) Tsetse fly
(2) mosquito bite
(3) drinking water containing eggs of *Ascaris*
(4) eating imperfectly cooked pork

Scan or tap for the full solution

Q.53 Identify the site where *Wuchereria bancrofti* is normally found on human body : [NEET 2013 (Karnataka)]

(1) Blood vessels of the thigh region
(2) Lymphatic vessels of the lower limbs
(3) Muscles of the legs
(4) Skin between the fingers

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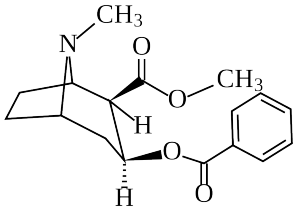
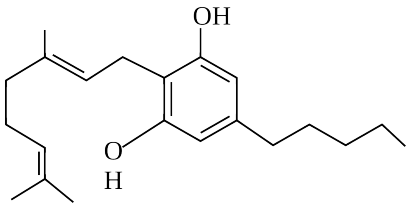
Q.54 Which one of the following is a hallucinogenic drug? [NEET 2013 (Karnataka)]

(1) Morphine
(2) Opium
(3) Caffeine
(4) Lysergic acid diethylamide

Solution

Q.55 Identify the molecules (a) and (b) shown below and select the right option giving their source and use. [AIPMT 2012 (Mains)]

(a)


(b)


(1) Molecule ⟶ (b) Heroin, Source ⟶ *Cannabis sativa*, Use ⟶ Depressant and slows down body functions
(2) Molecule ⟶ (a) Morphine, Source ⟶ *Papaver somniferum*, Use ⟶ Sedative and pain killer
(3) Molecule ⟶ (a) Cocaine, Source ⟶ *Erythroxylum coca*, Use ⟶ Accelerates the transport of dopamine
(4) Molecule ⟶ (b) Cannabinoid, Source ⟶ *Atropa belladonna*, Use ⟶ Produces hallucinations

Scan or tap for the full solution

Q.56 Which one of the following statements is correct with respect to immunity? [AIPMT 2012 (Mains)]

(1) Rejection of a kidney graft is the function of B-lymphocytes.
(2) Preformed antibodies need to be injected to treat the bite by a viper snake.
(3) The antibodies against smallpox pathogen are produced by T-lymphocytes
(4) Antibodies are protein molecules, each of which has four light chains.

Scan or tap for the full solution

Q.57 Motile zygote of *Plasmodium* occurs in [AIPMT 2012 (Prelims)]

(1) Human liver
(2) Salivary glands of *Anopheles*
(3) Human RBCs
(4) Gut of female *Anopheles*

Solution

Q.58 Common cold differs from pneumonia in that [AIPMT 2012 (Prelims)]

(1) Pneumonia is a communicable disease whereas the common cold is a nutritional deficiency disease
(2) Pneumonia can be prevented by a live attenuated bacterial vaccine whereas the common cold has no effective vaccine
(3) Pneumonia is caused by a virus while the common cold is caused by the bacterium *Haemophilus influenzae*
(4) Pneumonia pathogen infects alveoli whereas the common cold affects nose and respiratory passage but not the lungs

Scan or tap for the full solution

Q.59 Which one of the following is not a property of cancerous cells whereas the remaining three are ? [AIPMT 2012 (Prelims)]

(1) They do not remain confined in the area of formation
(2) They divide in an uncontrolled manner
(3) They compete with normal cells for vital nutrients
(4) They show contact inhibition

Scan or tap for the full solution

Q.60 Cirrhosis of liver is caused by the chronic intake of [AIPMT 2012 (Prelims)]

(1) Cocaine (2) Alcohol
(3) Tobacco (Chewing) (4) Opium

Scan or tap for the full solution

Q.61 Widal Test is carried out to test : [AIPMT 2012 (Prelims)]

(1) HIV/AIDS (2) Typhoid fever
(3) Malaria (4) Diabetes mellitus

Scan or tap for the full solution

Q.62 In which one of the following options the two examples are correctly matched with their particular type of immunity? [AIPMT 2012 (Prelims)]

(1)

Examples	Types of
Polymorphonuclear leukocytes and monocytes	Cellular

(2)

Examples	Types of immunity
Anti–tetanus and antisnake bite injection	Active immunity

(3)

Examples	Types of immunity
Saliva in mouth and Tear in eyes	Physical barriers

(4)

Examples	Types of immunity
Mucus coating of epithelium lining the urinogenital tract and the HCl in stomach	Physiological barriers

Scan or tap for the full solution

Q.63 Which one of the following options gives the correct matching of a disease with its causative organism and mode of infection? [AIPMT 2011 (Mains)]

(1) Disease ⟶ Pneumonia, Causative Organism ⟶ *Streptococcus pneumoniae*, Mode of Infection ⟶ Droplet infection

(2) Disease ⟶ Malaria, Causative Organism ⟶ *Plasmodium vivax*, Mode of Infection ⟶ Bite of male *Anopheles* mosquito

(3) Disease ⟶ Elephantiasis, Causative Organism ⟶ *Wuchereria bancrofti*, Mode of Infection ⟶ With infected water and food

(4) Disease ⟶ Typhoid, Causative Organism ⟶ *Salmonella typhi*, Mode of Infection ⟶ With inspired air

Scan or tap for the full solution

Q.64 Common cold is not cured by antibiotics because it is: [AIPMT 2011 (Mains)]

(1) caused by a Gram-positive bacterium

(2) caused by a Gram-negative bacterium

(3) not an infectious disease

(4) caused by a virus

Scan or tap for the full solution

Q.65 Where will you look for the sporozoites of the malarial parasite ? [AIPMT 2011 (Prelims)]

(1) red blood corpuscles of humans suffering from malaria

(2) spleen of infected humans

(3) Salivary glands of freshly moulted female *Anopheles* mosquito

(4) Saliva of infected female *Anopheles* mosquito

Scan or tap for the full solution

Q.66 Which one of the following acts as a physiological barrier to the entry of microorganisms in human body? [AIPMT 2011 (Prelims)]

(1) Epithelium of urogenital tract

(2) Tears

(3) Monocytes

(4) Skin

Solution

Q.67 A certain patient is suspected to be suffering from Acquired Immuno Deficiency Syndrome. Which diagnostic technique will you recommend for its detection? [AIPMT 2011 (Prelims)]

(1) ELISA (2) MRI

(3) Ultra sound (4) WIDAL

Scan or tap for the full solution

Q.68 At which stage of HIV infection does one usually show symptoms of AIDS? [AIPMT 2011 (Prelims)]

(1) When the infecting retrovirus enters host cells

(2) When viral DNA is produced by reverse transcriptase

(3) When HIV replicates rapidly in helper T-lymphocytes and damages large number of these

(4) Within 15 days of sexual contact with an infected person

Scan or tap for the full solution

Q.69 Which one of the following techniques is safest for the detection of cancers? [AIPMT 2010 (Mains)]

(1) Computed tomography (CT)

(2) Magnetic resonance imaging (MRI)

(3) Histopathological studies

(4) Radiography (X-ray)

Scan or tap for the full solution

Q.70 A person suffering from a disease caused by *Plasmodium*, experiences recurring chill and fever at the time when [AIPMT 2010 (Mains)]

(1) the parasite after its rapid multiplication inside RBCs ruptures them, releasing the stage to enter fresh RBCs.

(2) the trophozoites reach maximum growth and give out certain toxins

(3) the sporozoites released from RBCs are being rapidly killed and broken down inside spleen

(4) the microgametocytes and megagametocytes are being destroyed by the WBCs.

Scan or tap for the full solution

Q.71 Ringworm in humans is caused by : [AIPMT 2010 (Prelims)]

(1) Fungi (2) Viruses
(3) Bacteria (4) Nematodes

Scan or tap for the full solution

Q.72 Widal test is used for the diagnosis of – [AIPMT 2010 (Prelims)]

(1) Tuberculosis (2) Malaria
(3) Typhoid (4) Pneumonia

Scan or tap for the full solution

Q.73 Which one of the following statements is correct with respect to AIDS ? [AIPMT 2010 (Prelims)]

(1) The causative HIV retrovirus enters helper T-lymphocytes thus reducing their numbers
(2) AIDS patients are being fully cured cent per cent with proper care and nutrition
(3) The HIV can be transmitted through eating food together with an infected person
(4) Drug addicts are least susceptible to HIV infection

Scan or tap for the full solution

Q.74 Select the correct statement from the ones given below : [AIPMT 2010 (Prelims)]

(1) Cocaine is given to patients after surgery as it stimulates recovery
(2) Chewing tobacco lowers blood pressure and heart rate
(3) Barbiturates when given to criminals make them tell the truth
(4) Morphine is often given to persons who have undergone surgery as a pain killer

Scan or tap for the full solution

Q.75 Which one of the following statements is correct? [AIPMT 2009]

(1) Patients who have undergone surgery are given cannabinoids to relieve pain
(2) Heroin accelerates body functions
(3) Malignant tumours may exhibit metastasis
(4) Benign tumours show the property of metastasis

Scan or tap for the full solution

Q.76 Which of the following is a pair of viral diseases? [AIPMT 2009]

(1) Ringworm, AIDS
(2) Common Cold, AIDS
(3) Typhoid, Tuberculosis
(4) Dysentery, Common Cold

Solution

Q.77 Match the disease in **Column I** with the appropriate items (pathogen/ prevention/ treatment) in **Column II**. [AIPMT 2008]

Column I		Column II	
A.	Amoebiasis	i.	textitTreponema pallidum
B.	Diphtheria	ii.	Use only sterilized food
C.	Cholera	iii.	DPT Vaccine
D.	Syphilis	iv.	Use oral rehydration

(1) A = (ii), B = (iv), C = (i), D = (iii)
(2) A = (i), B = (ii), C = (iii), D = (iv)
(3) A = (ii), B = (i), C = (iii), D = (iv)
(4) A = (ii), B = (iii), C = (iv), D = (i)

Scan or tap for the full solution

Q.78 Which one of the following is the correct statement regarding the particular psychotropic drug specified? [AIPMT 2008]

(1) Hashish causes after thought perceptions and hallucinations
(2) Morphine leads to delusions and disturbed emotions
(3) Opium stimulates nervous system and causes hallucinations
(4) Barbiturates cause relaxation and temporary euphoria

Scan or tap for the full solution

Q.79 Increased asthmatic attacks in certain seasons are related to: [AIPMT 2007]

(1) Eating fruits preserved in tin containers
(2) Inhalation of seasonal pollen
(3) Low temperature
(4) Hot and humid environment

Solution

Q.80 Lysozyme that is present in perspiration, saliva and tears, destroys: [AIPMT 2007]

(1) Certain types of bacteria
(2) Most virus-infected cells
(3) All viruses
(4) Certain fungi

Solution

Q.81 HIV that causes AIDS, first starts destroying [AIPMT 2006]

(1) Helper T-lymphocytes
(2) B-lymphocytes
(3) Leucocytes
(4) Thrombocytes

Solution

Q.82 A person showing unpredictable moods, outbursts of emotion, quarrelsome behaviour and conflicts with others is suffering from- [AIPMT 2006]

(1) Mood disorders

(2) Addictive disorders
(3) Schizophrenia
(4) Borderline Personality Disorder (BPD)

Scan or tap for the full solution

Q.83 Antibodies in our body are complex- [AIPMT 2006]
(1) Prostaglandins (2) Steroids
(3) Glycoproteins (4) Lipoproteins

Scan or tap for the full solution

Q.84 Which one of the following depresses brain activity and produces feelings of calmness, relaxation and drowsiness ? [AIPMT 2005]
(1) Hashish (2) Amphetamines
(3) Morphine (4) Valium

Scan or tap for the full solution

Q.85 Damage to thymus in a child may lead to [AIPMT 2005]
(1) A reduction in stem cell production
(2) Loss of cell mediated immunity
(3) A reduction in haemoglobin content of blood
(4) Loss of antibody mediated immunity

Scan or tap for the full solution

Q.86 Which one of the following is not correctly matched ? [AIPMT 2004]
(1) *Anopheles culicifacies* – Leishmaniasis
(2) *Glossina palpalis* – Sleeping sickness
(3) *Culex pipiens* – Filariasis
(4) *Aedes aegypti* – Yellow fever

Scan or tap for the full solution

Q.87 Carcinoma refers to :- [AIPMT 2003]
(1) Malignant tumours of the colon
(2) Benign tumours of the connective tissue
(3) Malignant tumours of the connective tissue
(4) Malignant tumours of the skin or mucous membrane

Scan or tap for the full solution

Q.88 Short-lived immunity acquired from mother to foetus across placenta or through mother's milk to the infant is categorised as :- [AIPMT 2003]
(1) Passive immunity
(2) Cellular immunity
(3) Innate non-specific immunity
(4) Active immunity

Solution

Q.89 Cancerous cells can easily be destroyed by radiations due to : - [AIPMT 2002]
(1) Fast mutation (2) Lack of oxygen
(3) Rapid cell division (4) Lack of nutrition

Scan or tap for the full solution

Q.90 Which one of the following is correct match ? [AIPMT 2001]
(1) Bhang – Analgesic
(2) Cocaine – opiatic narcotic
(3) Morphine – Hallucinogenic
(4) Reserpine – Tranquilliser

Solution

Q.91 L.S.D. is : - [AIPMT 2001]
(1) Stimulant (2) Tranquilliser
(3) Hallucinogenic (4) Sedative

Scan or tap for the full solution

Q.92 *Salmonella* is related with: [AIPMT 2001]
(1) T.B. (2) Tetanus
(3) Typhoid (4) Polio

Scan or tap for the full solution

Q.93 Which is the most infectious disease? [AIPMT 2001]
(1) AIDS (2) Malaria
(3) Hepatitis-B (4) Cough and cold

Scan or tap for the full solution

Q.94 Interferons are synthesized in response to [AIPMT 2001]
(1) Bacteria (2) Mycoplasma
(3) Viruses (4) Fungi

Scan or tap for the full solution

Q.95 Reason of lung cancer is: [AIPMT 2001]
(1) Calcium fluoride (2) Cement factory
(3) Asbestos (4) Bauxite mining

Scan or tap for the full solution

Q.96 Which fish selectively feed on larva of mosquito? [AIPMT 2001]
(1) *Clarias* (2) Rohu
(3) *Exocoetus* (4) *Gambusia*

Scan or tap for the full solution

Q.97 Which is showing accurate pairing? [AIPMT 2000]
(1) Gonorrhoea - *Leishmania donovani*
(2) Syphilis - *Treponema pallidum*
(3) Typhoid - *Mycobacterium leprae*

(4) AIDS - *Bacillus conjugalis*

Scan or tap for the full solution

Q.98 Saline solution is given to patients of Cholera because [AIPMT 2000]

(1) NaCl produces energy

(2) Na^+ prevents water loss from body

(3) NaCl is antibacterial

(4) NaCl functions as regulatory material

Scan or tap for the full solution

ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	**4**	**3**	**4**	**4**	**1**	**3**	**4**	**2**	**2**	**4**	**1**
Ques.	12	13	14	15	16	17	18	19	20	21	22
Ans.	**2**	**4**	**3**	**1**	**3**	**1**	**3**	**4**	**4**	**4**	**3**
Ques.	23	24	25	26	27	28	29	30	31	32	33
Ans.	**4**	**1**	**1**	**3**	**2**	**2**	**1**	**2**	**2**	**4**	**2**
Ques.	34	35	36	37	38	39	40	41	42	43	44
Ans.	**2**	**4**	**3**	**1**	**1**	**1**	**1**	**4**	**2**	**4**	**2**
Ques.	45	46	47	48	49	50	51	52	53	54	55
Ans.	**2**	**2**	**2**	**4**	**3**	**1**	**3**	**3**	**2**	**4**	**2**
Ques.	56	57	58	59	60	61	62	63	64	65	66
Ans.	**2**	**4**	**4**	**4**	**2**	**2**	**1**	**1**	**4**	**4**	**2**
Ques.	67	68	69	70	71	72	73	74	75	76	77
Ans.	**1**	**3**	**2**	**1**	**1**	**3**	**1**	**4**	**3**	**2**	**4**
Ques.	78	79	80	81	82	83	84	85	86	87	88
Ans.	**1**	**2**	**1**	**1**	**4**	**3**	**4**	**2**	**1**	**4**	**1**
Ques.	89	90	91	92	93	94	95	96	97	98	
Ans.	**3**	**4**	**3**	**3**	**4**	**3**	**3**	**4**	**2**	**2**	

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