



BIOLOGY

BOOKS - CENGAGE BIOLOGY (HINGLISH)

HUMAN HEALTH AND DISEASE

Exercises

1. Health is defined as

A. Complete physical well being

B. Mental well being

C. Social well being

D. All of these

Answer: D



Watch Video Solution

2. A disease which can be transferred from mother to child through placenta is

A. German measles

B. Syphilis

C. AIDS

D. All of these

Answer: D



Watch Video Solution

3. Which of the following is a bacterial disease?

A. Measles

B. Chicken pox

C. Rabies

D. Tuberculosis

Answer: D



Watch Video Solution

4. Different species of Mycobacterium cause

A. Syphilis and diphtheria

B. Whooping cough and leprosy

C. Tuberculosis and pleprosy

D. Syphilis and gonorrhoea

Answer: C



Watch Video Solution

5. A disease contracted through wounds, accidents and improperly sterilised surgical instrument is

A. Tetanus

B. Gonorrhoea

C. Mumps

D. Amoebiasis

Answer: A



Watch Video Solution

6. Which one is not spread by droplet infection?

A. Tuberculosis

B. Diphtheria

C. Pertussis

D. Gonorrhoea

Answer: D



Watch Video Solution

7. *Entamoeba histolytica* is transmitted through

A. Insect bite

B. Sweat

C. Food and water contamination

D. Bird droppings

Answer: C



Watch Video Solution

8. Malarial parasite can be obtained in RBCs of patient

- A. When temperature reaches normal
- B. An hour before rise in temperature
- C. When temperature rises with rigor
- D. A few hours after temperature reaches normal

Answer: C



Watch Video Solution

9. Recurrent high fever in malaria is due to completion of

A. Erythrocytic schizony

B. Sporogony

C. Gamogony

D. Exoerythrocytic schizogony

Answer: A



Watch Video Solution

10. Which of the following disease has been completely eradicated?

A. Plague

B. Poliomyelitis

C. Smallpox

D. Kala-azar

Answer: C



Watch Video Solution

11. Which infectious disease can be treated effectively using the oil of chenopodium?

A. Ascariasis

B. Filariasis

C. Malaria

D. Poliomyelitis

Answer: A



Watch Video Solution

12. In one of the following diseases, fever must not be managed using Aspirin, instead Paracetamol is used. Which is the one?

A. Chikungunya

B. Filariasis

C. Penumonia

D. Dengue fever

Answer: D



Watch Video Solution

13. If you are advised to get a Widal test done for yourself, which disease is your doctor suspecting?

A. Typhoid

B. Cholera

C. Pneumonia

D. Filariasis

Answer: A



Watch Video Solution

14. Quartan malaria is due to

Your patient shows paroxysms of malaria after every 72 hours. Which species of plasodium will be considered responsible to cause the infection

A. *P. vivax*

B. *P. ovales*

C. *P. malariae*

D. *P. falciparum*

Answer: C



Watch Video Solution

15. Which stage of plasmodium parasite is infective for man?

A. Cryptomerozoite

B. Gametocyte

C. Sporozoite

D. Merozoite

Answer: C



16. A prescription letter reads the following treatment advise-Metronidazole, Tinidazole, Emetine. Which amongst the following diseases is it dealing with ?

- A. Dengue
- B. Malaria
- C. Amoebiasis
- D. Pneumonia

Answer: C



Watch Video Solution

17. Which type of cancer can be caused by exposure to cadmium oxide over a long period of time ?

A. Vagina

B. Prostate gland

C. Skin

D. Lung

Answer: B



Watch Video Solution

18. A plant called Sadabahar is known to produce an anticancer drug known as

A. Taxol

B. Vincristine

C. Colchicine

D. Cyclosporine

Answer: B



Watch Video Solution

19. A cancerous condition known as Burkitt's lymphoma is known to be caused by virus like

- A. Rous sarcoma virus
- B. Herpes simplex virus
- C. Epstein Barr virus
- D. Hepatitis B virus

Answer: C



Watch Video Solution

20. The genome of HIV, the causative organism of AIDS, is made up of

A. ssRNA

B. ssDNA

C. dsRNA

D. dsDNA

Answer: A



Watch Video Solution

21. Which molecule is used for the attachment of HIV to CD4 receptor on the cell?

A. GP 120

B. P24

C. GP41

D. P17

Answer: A



View Text Solution

22. Which term would you use for the combination of diseases such as Kaposi's sarcoma, Pneumocystis carinii pneumonia, and Leukoplakia ?

- A. Contagious disease
- B. Opportunistic diseases
- C. Diarrhoeal disease

D. Autoimmune disease

Answer: B



View Text Solution

23. Which amongst the following can be considered as a part of ART (anti-retroviral therapy) ?

A. Procaine

B. Novacaine

C. Zidovudine

D. Colchicine

Answer: C



Watch Video Solution

24. Which of the following will be included under innate immunity?

A. Mucus membrane

B. Interferons

C. Natural killer cells

D. All of these

Answer: D



Watch Video Solution

25. Interferon is a protein that

A. Inactivates a virus

B. Protects unattacked cells from virus

C. Prevents viruses from taking over the cellular machinery

D. Both 2 and 3

Answer: D



Watch Video Solution

26. Which of the following is not true for interferon?

A. These act outside the cells.

B. These are quick acting.

C. Their action is long lasting.

D. These act against viruses.

Answer: C



Watch Video Solution

27. What is the role of complement in the body's defense ?

A. It interferes with viral replication.

B. It is involved with antibody production.

C. It aids antigen presentation.

D. It causes cell lysis.

Answer: D



Watch Video Solution

28. Natural killer (NK) cells can destroy

A. Invading microorganisms

B. Virus infected cells

C. Some tumor cells

D. All of these

Answer: D



Watch Video Solution

29. The opposite to innate immunity is:

A. Passive immunity

B. T-cells immunity

C. Phagocytosis

D. Acquired immunity

Answer: D



Watch Video Solution

30. Active immunity is obtained by

A. Natural resistance

B. Antibiotics

C. Weakened germs infection

D. None of these

Answer: C



Watch Video Solution

31. Immunity acquired after an infection is

- A. Active immunity
- B. passive immunity
- C. Innate immunity
- D. Both 2 and 3

Answer: A



Watch Video Solution

32. Which of the following immunity is conferred by the transfer of immune products such as antibodies from an individual into a non-immune individual?

- A. Adaptive immunity
- B. Specific immunity
- C. Active immunity
- D. Passive immunity

Answer: D



Watch Video Solution

33. Active immunity is due to

- A. Memory cells
- B. Killer T-cells
- C. Helper T-cells
- D. Suppressor T-cells

Answer: A



Watch Video Solution

34. The cell which plays a major role in host defense against tumor cells and the cells infected with viruses is

A. B-lymphocytes

B. Interferons

C. NK-cell

D. Neutrophils

Answer: C



Watch Video Solution

35. Antigenic determinant site binds to which portion of an antibody molecules?

- A. Light chains
- B. heavy chains
- C. Intermediate chains
- D. Both 1 and 2

Answer: D



36. Antibody is

- A. A substance that specifically inactivates an antigen
- B. Phagocyte that feeds on invading pathogen
- C. Cellular component of blood
- D. Secretion of ABC

Answer: A



Watch Video Solution

37. The type of immunoglobulin present in the colostrum secreted by mammary glands is:

A. IgD

B. IgE

C. IgG

D. IgA

Answer: D



38. The type of immunoglobulin whose function is possible antigen recognition by B-cells may be:

A. IgE

B. IgA

C. IgD

D. IgA

Answer: C



Watch Video Solution

39. Opsonization is carried out by:

A. IgM

B. IgA

C. IgD

D. IgG

Answer: D



Watch Video Solution

40. Which of the following antibody is related to allergic response?

A. IgA

B. IgD

C. IgE

D. IgG

Answer: C



Watch Video Solution

41. Which of the following is not a difference between IgG and IgM?

A. IgM is a pentamer while IgG is a monomer.

B. IgG is formed early during the primary response, IgM is formed later.

C. IgG can cross the placenta, IgM usually does not.

D. IgG has two antigen binding sites, IgM has ten.

Answer: B



Watch Video Solution

42. Hepatitis B vaccine is a:

- A. Interferon
- B. First generation vaccine
- C. Second generation vaccine
- D. Third generation vaccine

Answer: C



Watch Video Solution

43. Which of the following is/are examples/s of autoimmune disease ?

- A. Multiple sclerosis
- B. Insulin dependent diabetes
- C. Rheumatoid arthritis
- D. All of these

Answer: D



44. An autoimmune disease is

A. Hemophilia

B. AIDS

C. Allergy

D. Myasthenia gravis

Answer: D



45. One of the following drugs depresses (switch off) the activities of Nervous System and is known as sedative. It gives feeling of calmness, relaxation, or drowsiness. It is

A. Opium

B. Heroin

C. Cocaine

D. Barbiturate

Answer: D



Watch Video Solution

46. Sleeping pills contain

A. Benzodiazepines

B. Psilocybin

C. Tranquilizers

D. LSD

Answer: A



Watch Video Solution

47. Opium is obtained from which part of poppy plant?

A. Leaf

B. Flower

C. Root

D. Fruit

Answer: D



Watch Video Solution

48. Which of the following is obtained from *Papaver somniferum*?

A. Opium

B. Heroin

C. Methadone

D. All of these

Answer: D



Watch Video Solution

49. Marijuana is obtained from

A. Ergot

B. Cannabis

C. Papaver

D. Coffea

Answer: B



Watch Video Solution

50. Which of the following belongs to "pain killers"?

A. Sedatives

B. Opiates

C. Hallucinogens

D. Stimulants

Answer: B



Watch Video Solution

51. One of the following is called lockjaw.

Which one ?

A. Whooping cough

B. Tetanus

C. Hepatitis

D. Hydrophobia

Answer: B



Watch Video Solution

52. Quartan malaria is caused by Plasmodium

A. Plasmodium vivax

B. P. ovale

C. P. falciparum

D. P. malariae

Answer: D



Watch Video Solution

53. The cancer caused in tissue derived from mesoderm such as connective tissues (bones, cartilages, tendons) is known as

A. Leukemia

B. Sarcomas

C. Carcinomas

D. None of these

Answer: B



Watch Video Solution

54. Liver cancer is caused by

A. Aflatoxin

B. N-nitroso dimethylene

C. Cadmium oxide

D. Mustard gas

Answer: A



Watch Video Solution

55. Antihistamine relieves

A. Nephritis

B. Allergy

C. Stroke

D. Angina pectoris

Answer: B



Watch Video Solution

56. Leprosy is due to a

- A. Mycobacterium
- B. Corynebacterium
- C. Treponemema
- D. Neisseria

Answer: A



Watch Video Solution

57. A disease with social stigma is

A. Chicken pox

B. Measles

C. Trachoma

D. Leprosy

Answer: D



Watch Video Solution

58. A disease that destroys the dorsal horn cells of the spinal cord is:

A. Polio

B. Malaria

C. Leprosy

D. Arthritis

Answer: A



Watch Video Solution

59. Malarial parasite can be obtained from patient

- A. During fever
- B. Before temperature rise
- C. After temperature becomes normal
- D. All of these

Answer: A



Watch Video Solution

60. Entamoeba histolytica causes:

- A. Chicken pox
- B. Tetanus
- C. Dysentery
- D. Elephantiasis

Answer: C



Watch Video Solution

61. Filariasis is caused by

A. *Wuchereria bancrofti*

B. *Glossina palpalis*

C. *Phlebotomus argentipes*

D. All of these

Answer: A



Watch Video Solution

62. Neoplasms are

A. Nuclei with massive DNA

B. Cells without covering membranes

C. Cells capable of unlimited division

D. Newly produced cells formed through
uncontrolled cell proliferation

Answer: D



Watch Video Solution

63. In leukemia, there is tremendous increase in the number of

A. RBCs

B. Immature cells

C. WBCs

D. Both white blood cells and immature cells

Answer: D



Watch Video Solution

64. Carcinogen present in coal tar is

A. Nitroso dimethylen

B. 3,4-Benzopyrene

C. 2-Naphthylamine

D. 4-amino biphenyl

Answer: B



Watch Video Solution

65. A disease which often produces deformities of fingers and toes is

A. Poliomyelitis

B. Tuberculosis

C. Typhoid

D. Leprosy

Answer: D



Watch Video Solution

66. Which of the following statement is incorrect ?

A. Epitopes are antigen-determining sites which are recognized by antibodies.

B. Nowadays, for the treatment of cancer, the patients are given substances called biological response modifiers such as α -interferon which activate their immune system and help in destroying the tumor.

C. Toxoids provide passive immunity.

D. "ATS" (anti tetanus serum) provides us
artificially acquired passive immunity.

Answer: C



Watch Video Solution

67. The side-effects of the use of anabolic steroids in females include

a. Masculinization (feature like males)

b. Increases aggressiveness

c. Mood swings

d. Premature baldness

Choose the correct option:

A. a and b only

B. a, b and c only

C. a only

D. a, b, c, and d

Answer: B



Watch Video Solution

68. Which of the following is incorrect with respect to HIV infection?

A. HIV/AIDS is not spread by mere touch or physical contact, it spreads only through body fluids.

B. Macrophages continue to produce virus and, in this way, act like an HIV factor

C. HIV enters into the helper T-lymphocytes (T_H), replicates, and produces progeny virus which leads to a progressive

decrease in the number of helper T-lymphocytes in the body of infected person.

D. HIV does not get transmitted through organ transplant from an HIV infected person.

Answer: D



Watch Video Solution

69. If a person is infected with some deadly microbes to which quick immune response is required as in tetanus, the doctor needs to directly inject

- A. Antigenic protein of pathogen
- B. Inactivated/weakened pathogens
- C. Killed pathogens
- D. Preformed antibodies/antitoxin

Answer: D



Watch Video Solution

70. Which of the following lymphoid organ does not provide the sites for the interaction of lymphocytes with the antigen, which then proliferate to become effector cells ?

- A. Tonsils
- B. Peyer's patches
- C. T-lymphocytes
- D. B-lymphocytes

Answer: C



View Text Solution

71. Humoral immunity is due to

- A. B-lympocytes
- B. T-lymphocytes
- C. L-lymphocytes
- D. P-lymphocytes

Answer: A



Watch Video Solution

72. Passive immunity is one which is obtained by injection

A. Antibiotics

B. Vaccines containing weakened germs

C. Antibodies

D. Antigens

Answer: B



73. During allergic reactions, the destructive substances produced are

- A. Allergens
- B. Histamines
- C. Immunoglobulins
- D. Antibodies

Answer: D



74. B- and T-cells required for immune system are produced in

- A. Bone marrow cells
- B. Spleen
- C. Lymph nodes
- D. Bone marrow and thymus

Answer: A



Watch Video Solution

75. On the basis of heavy chains, immunoglobulins are classified into how many types ?

A. Two

B. Three

C. Four

D. Five

Answer: D



Watch Video Solution

76. The process in which all micro-organisms are killed by heat treatment is known as

A. Pasteurization

B. Immunity

C. Sterilization

D. None of these

Answer: C



Watch Video Solution

77. Vaccination against small pox means the introduction into our body, of

- A. Lecucoytes obtained from animals
- B. Antibodies produced in other animal
- C. Antibodies
- D. Attenuated smallpoz virus

Answer: A



Watch Video Solution

78. Hypersensitivity to an allergen is due to

A. Aberrant functioning of the immune mechanism

B. Increase in ambient temperature

C. Age of the individual

D. Food habits

Answer: A



Watch Video Solution

79. Antibodies are produced by

A. Lymphocytes

B. Leucocytes

C. Monocytes

D. Spleen

Answer: A



Watch Video Solution

80. Vaccine are prepared from immune

A. Vitamins

B. Blood

C. Serum

D. Plasma

Answer: C



Watch Video Solution

81. Which one of the following is true for T-lymphocytes?

A. They cannot release antibodies.

B. They mature in lymph nodes.

C. They comprise 10 – 15 % of lymphocytes.

D. They are principle cells in lymph nodes' cortical center.

Answer: D



Watch Video Solution

82. Certain children are immune to certain disease due to

- A. T-cells immune system
- B. B-cells immune system
- C. Memory cells
- D. Phagocyte-antigen reaction

Answer: C



Watch Video Solution

83. Mast cells secrete a protein, which causes the dilation of blood vessels. The protein is

- A. Pyrogens
- B. Histamine
- C. Interferon
- D. None of these

Answer: B



Watch Video Solution

84. The cells, which suppress the entire immune system from its attack in the same body, are known as

- A. Helper T-cells
- B. Killer B-cells
- C. Suppressoe cells
- D. Suppressor T-cells

Answer: D



Watch Video Solution

85. Memory cells are

A. Cells responsible for immunologic memory

B. Antiigens

C. Cells of cerebrum

D. Cells responsible for memory in brain

Answer: A



Watch Video Solution

86. An auto immune disease is

A. B-lymphocytes induced

B. Hemophilia

C. Myasthenia gravis

D. None of these

Answer: C



Watch Video Solution

87. Hormone produced against allergic reactions is:

- A. Epinephrine
- B. Nor-epinephrine
- C. Glucocorticoid
- D. Mineralocorticoid

Answer: A



Watch Video Solution

88. Antigen binding site on antibodies is at

- A. Light chain
- B. Strong chain
- C. Variable position
- D. Any of above

Answer: C



Watch Video Solution

89. Active immunity means

- A. Resistance developed after disease
- B. Resistance developed before disease
- C. Increasing rate of heart beat
- D. Increasing quantity of blood

Answer: A



Watch Video Solution

90. Both B-cells and T-cells of immune system are produced in:

A. Bone marrow

B. Lymphoid

C. Spleen

D. None of the above

Answer: C



Watch Video Solution

91. The site of B-cell maturation in the human body is:

A. Thymus

B. Tonsils and adenoids

C. Not yet indentified

D. Brain and spinal cord

Answer: C



Watch Video Solution

92. Which antibody molecule is made of two monomers ?

A. IgM

B. IgG

C. IgA

D. IgE

Answer: D



Watch Video Solution

93. Allergens are

A. Certain microbes which are pathogenic

B. Weak antibodies produced by certain substances in the body

C. Weak antigens which produce sensitive reactions in the body

D. None of these

Answer: C



Watch Video Solution

94. Immunoglobulin related with opsonization is

A. IgA

B. IgM

C. IgA and IgG

D. IgE

Answer: C



Watch Video Solution

95. Antiserum contains

A. Antigen

B. Leucocytes

C. Antibodies

D. None of these

Answer: C



Watch Video Solution

96. The type of immunoglobulin present in the colostrum secreted by mammary glands is:

A. IgA

B. IgG

C. IgD

D. IgE

Answer: A



Watch Video Solution

97. Gamma -Globulins are synthesised in

A. Lymph and lymph nodes

B. Liver

C. Bone marrow

D. Kidney

Answer: A



Watch Video Solution

98. Which is not a immunological technique?

A. Antibiotic injection

B. Tetanus toxoid

C. Gamma-globulin

D. Smallpox vaccination

Answer: A



Watch Video Solution

99. Which is wrong?

A. Body's first line of defense is skin.

B. The second line of defence is skin and phagocytic cells.

C. The third line of defense is immune system.

D. Line of body defense are skin, phagocytic cells, and immune system.

Answer: B



Watch Video Solution

100. Squeezing of leucocytes from capillary walls is

- A. Diakinesis
- B. Diapedesis
- C. Diapause
- D. Diaphysis

Answer: B



Watch Video Solution

101. Binding of antigen to antibody is through

A. Electrostatic interactions

B. Covalent bonds

C. Issacs and Lindermann

D. Randles

Answer: A



Watch Video Solution

102. Interferon was discovered by

A. Gajdusek

B. Stanley and Prusiner

C. Isaacs and Lindermann

D. Randles

Answer: C



Watch Video Solution

103. Antibodies in our body are produced by:

A. B-lymphocyte

B. T-lymphocyte

C. Monocytes

D. RBCs

Answer: A



Watch Video Solution

104. Acquired imouno deficiency syndrome (AIDS) is

- A. Characterized by a reduction in the number of killer T-cells
- B. An autoimmune disease
- C. Characterized by a reduction in the number of helper T-cells
- D. The result of the inability of the body to produce interferons

Answer: C



Watch Video Solution

105. Which is a water-borne disease

A. Smallpox

B. Malaria

C. Tuberculosis

D. Cholera

Answer: D



Watch Video Solution

106. AIDS related complex (ARC) is a disease which leads to fever, swollen lymph nodes, night sweats, loss in weight etc. represents

- A. Severe form of AIDS
- B. Initial form of AIDS
- C. No link with AIDS
- D. None of the above

Answer: B



Watch Video Solution

107. Bhang, charas, and ganja are resinous materials of *Cannabis indica* and are psychotropic intoxicating drugs. These drugs are used as

A. Hallucinogens

B. Narcotics

C. Stimulants

D. Sedatives

Answer: A



Watch Video Solution

108. "Brown sugar" is the commonly used name for

A. LSD

B. Hashish

C. Heroin

D. Barbiturates

Answer: C



Watch Video Solution

109. Bhang and hemp are obtained from

A. *Mesua ferrea*

B. *Cannabis sativa*

C. *Viola odorata*

D. *Centella asiatica*

Answer: B



Watch Video Solution

110. The use of cannabis products (bhang, charas, ganja, marijuana, and hashish)

A. Causes depression of brain activity and feeling of calmness

B. Alters thought, perception, and feelings

C. Suppresses brain function and relieves pain

D. Stimulates the nervous system and increases alertness and activity

Answer: B



Watch Video Solution

111. Caffeine, amphetamine and concaine are

- A. Sedatives
- B. Tranquilizers
- C. Stimulants
- D. Hallucinogens

Answer: C



Watch Video Solution

112. Heroin is obtained from the plant of the family:

A. Leguminosae

B. Papaverceae

C. Liliaceae

D. Solanaceae

Answer: B



113. Liver damage caused by excessive drinking of alcohol is called

- A. Hepatitis
- B. Dermatitis
- C. Liver cirrhosis
- D. Liver diarrhoea

Answer: C



114. Addiction of LSD will eventually lead to:

A. Hallucination

B. Damage of lungs

C. Mental and emotional disturbances

D. Damage to kidneys

Answer: D



Watch Video Solution

115. Addiction to tobacco is mainly due to the presence of

A. Caffeine

B. Nicotine

C. Cocaine

D. Histamine

Answer: B



Watch Video Solution

116. Hallucinogen drug among the following is

A. Lysergic acid diethylamide

B. Heroin

C. Morphine

D. Cocaine

Answer: A



Watch Video Solution

117. mental depression is caused by diminished activity of :

- A. Histamine
- B. Norepinephrine
- C. Dopamine
- D. All of these

Answer: B



Watch Video Solution

118. The final stage of drug addiction leads to :

- A. Durg immunity
- B. Durg dependence
- C. Durg resistance
- D. All of these

Answer: B



Watch Video Solution

119. The use of tobacco was originated in :

A. India

B. Africa

C. America

D. Germany

Answer: C



Watch Video Solution

120. Sleeping pills are made from:

A. Barbiturates

B. Amphetamines

C. Cocaine

D. LSD

Answer: A



Watch Video Solution

121. The term 'brown sugar' is used for:

A. Diacetylmorphine hydrochloride

B. 9-Tetrahydrocannabinol

C. Lysergic acid diethylamide

D. Acetyl salicylate

Answer: A



Watch Video Solution

122. Central Institute of mental Reterdation
(CIMR) is situated at:

A. Agra

B. New Delhi

C. Thiruvananthapuram

D. Guwahati

Answer: C



Watch Video Solution

123. AIDS Day is observed on

A. 1 st December

B. 20th December

C. 1st June

D. 1st May

Answer: A



Watch Video Solution

124. In India, maximum death cases in children occur due to

A. Measles

B. TB

C. Diphtheria

D. None of these

Answer: A



Watch Video Solution

125. Community health aims at

A. Better health and family planning

B. Better hygiene and clean environment

C. Removing communicable diseases

D. All the above

Answer: D



Watch Video Solution

126. Which of the following is equivalent to madness?

A. Necrosis

B. Psychosis

C. Epilepsy

D. All of these

Answer: B



Watch Video Solution

127. Cancer is related to

- A. Uncontrolled growth of tissue
- B. Old age
- C. Controlled division of tissues
- D. None of the above

Answer: A



[Watch Video Solution](#)

128. Infection of *Ascaris* usually occurs by

- A. Eating imperfectly cooked prok
- B. Contaminated water and vagectables
- C. Mosquito bite
- D. Tesetse fly

Answer: B



[Watch Video Solution](#)

129. Trypanosomiasis is transmitted by:

A. May fly

B. Fire fly

C. Tsetse fly

D. Louse

Answer: C



Watch Video Solution

130. Syphilis is a sexually transmitted disease caused by

A. Pasteurella

B. Leptospira

C. Treponema pallidum

D. Vibrio

Answer: C



Watch Video Solution

131. Influenza viruse has

A. DNA

B. RNA

C. Both DNA and RNA

D. Only proteins and no neuleic acids

Answer: B



Watch Video Solution

132. Diphtheria is caused by:

- A. Poisons released from dead bacterial cells into the host tissues
- B. Poisons released by living bacterial cells into the host tissues
- C. Excessive immune response by the host's body
- D. Poisons released by virus into the host tissues

Answer: B



Watch Video Solution

133. A bacterial disease is accompanied by

A. Peptic ulcers

B. Rapid loss of fluid from the intestine

C. Infection of heart muscles

D. Rose spots

Answer: B



Watch Video Solution

134. Hepatitis B is caused by:

- A. RNA virus
- B. DNA virus
- C. Mycoplasma
- D. Rickettsia

Answer: B



Watch Video Solution

135. Dengus virus has generic material

A. dsRNA

B. dsDNA

C. ssRNA

D. ssDNA

Answer: C



Watch Video Solution

136. Sick test is used for the diagnosis of

A. TB

B. AIDS

C. Diphtheria

D. Malaria

Answer: C



Watch Video Solution

137. Polio' is caused by

A. Virus with double-standed DNA

B. Virus with double-standed RNA

C. Virus with single-standed DNA

D. Virus with single-standed RNA

Answer: D



Watch Video Solution

138. Electron beam therapy is a kind of radiation therapy to treat

A. Enlarged prosted gland

B. Gall bladder stones by brbreaking them

C. Certain types of cancer

D. Kidney stones

Answer: C



Watch Video Solution

139. The treatment of snake-bite by antivenine is an example of

A. Artificially acquired active immunity

B. Artificially acquired passive immunity

C. Naturally acquired passive immunity

D. Specific natural immunity

Answer: B



Watch Video Solution

140. An insect bite may result in inflammation of that spot. This is triggered by the alarm chemicals such as

A. Histamine and dopamine

B. Histamine and kinin

C. Interferons and opsonin

D. Interferons and histones

Answer: B



Watch Video Solution

141. Antigen binding site in an antibody is found between:

A. Two light chains

B. Two heavy chains

C. Once heavy and one light chain

D. Either between two light chains or

between one heavy and one light chain

depending upon the nature of antigen

Answer: C



Watch Video Solution

142. The vaccination for which one of the following diseases is not covered in the immunization schedule so far?

A. Tuberculosis

B. Diphtheria

C. Measles

D. Pneumonia

Answer: D



Watch Video Solution

143. A young drug addict used to show symptoms of depressed brain activity, feeling of calmness, relaxation and drowsiness. Possibly he was taking:

A. Amphetamine

B. Marijuana

C. Pethidine

D. Valium

Answer: D



Watch Video Solution

144. The disease, tetanus is also known as:

- A. Gangrene
- B. Shingles
- C. Lockjaw
- D. Whooping cough

Answer: C



Watch Video Solution

145. Smallpox and rabies are caused by:

A. Virus

B. Protzon

C. Typhoid

D. Polio

Answer: A



Watch Video Solution

146. Which is a viral disease?

A. Tetanus

B. Dysentery

C. Typhoid

D. Polio

Answer: D



Watch Video Solution

147. Broad spectrum antibiotics are those which

A. Act on all bacteria and viruses

B. Are effective in very small amounts

C. Act on both pathogen and host

D. Act on a variety of pathogenic
microorganisms

Answer: D



Watch Video Solution

148. Which is not a type of T-lymphocyte?

A. Helper

B. Suppressor

C. Cytotoxic

D. Repressor

Answer: D



Watch Video Solution

149. which is not cancer ?

A. Leukemia

B. Trachoma

C. Carcinoma

D. Sarcoma

Answer: B



Watch Video Solution

150. HIV has a protein coat and a genetic material which is

A. ssRNA

B. daRNA

C. dsRNA

D. ssDNA

Answer: A



Watch Video Solution

151. The Widal test is performed for

A. Malaria fever

B. Cholera

C. Typhoid fever

D. Dengue fever

Answer: C



Watch Video Solution

152. Allergy involves

A. IgE

B. IgG

C. IgA

D. IgM

Answer: A



Watch Video Solution

153. Hepatitis B is also called:

A. Epidemic jaundice

B. Serum jaundice

C. Catarrhal jaundice

D. None of the above

Answer: B



Watch Video Solution

154. Most radiosensitive tissue of body is :

- A. Bone marrow
- B. Platelet
- C. Nervous tissue
- D. Lymphocyte

Answer: A



[Watch Video Solution](#)

155. DPT provides immunity against

- A. Diphtheria
- B. Whooping cough
- C. Tetanus
- D. All of these

Answer: D



[Watch Video Solution](#)

156. In India, AIDS was reported in

A. 1932

B. 1986

C. 1990

D. 1992

Answer: B



Watch Video Solution

157. Plague is caused by

- A. Diplococcus pneumoniae
- B. Yersinia pestis
- C. Corynebacterium diphtheriae
- D. All of the above

Answer: B



Watch Video Solution

158. An antibody is a

A. White corpuscle which attacks invading
bacteria

B. Molecule that specifically inactivates an
antigen

C. Component of the blood

D. Secetion of mammalian erythrcyte

Answer: B



Watch Video Solution

159. ELISA test is used for the detection of

- A. Antibodies
- B. Viral disease
- C. AIDS
- D. All of these

Answer: D



Watch Video Solution

160. The vaccine of hepatitis B is/an

- A. First-generatio vaccine
- B. Interferon
- C. Second-generation vaccine
- D. Third-generation vaccine

Answer: C



View Text Solution

161. Cancer cells are characterized by

- A. Uncontrolled growth
- B. Invasion of local tissue
- C. Spreading to other body parts
- D. All of the above

Answer: D



Watch Video Solution

162. Kala-azar disease is caused by

- A. Trypanosoma gambiense

B. *Wuchereria bancrofti*

C. *Leishmania donovani*

D. *Taenia solium*

Answer: C



Watch Video Solution

163. Leprosy' is caused by

A. *Mycobacterium*

B. *Salmonella*

C. Mucocystis

D. TMV

Answer: A



Watch Video Solution

164. The disease caused by *Entamoeba gingivalis* is transmitted by

A. Filices

B. Kissing

C. Using the same bowl

D. kissing and using the same bowl

Answer: D



Watch Video Solution

165. Bacillary dysentery is due to:

A. Salmonella

B. Shigella

C. Proteus

D. Entamoeba

Answer: B



Watch Video Solution

166. If a person shows production of interferons in his body, the chances are that he has got an infection of
or

The disease due to which maximum death in children occur is

A. Typhoid

B. Measles

C. Tetanus

D. Malaria

Answer: B



Watch Video Solution

167. Jaundice is caused by

A. Contaminated water

B. Pork

C. Excessive sugar

D. Excessive eating of curcuma

Answer: A



Watch Video Solution

168. Tuberculosis is caused by

A. Mycobacterium

B. Vibrio

C. Clostridium

D. None of these

Answer: A



Watch Video Solution

169. Pulse-Polio programme is organised in our country

A. To cure polio

B. To eradicate polio

C. To spread polio

D. None of these

Answer: B



Watch Video Solution

170. Chicken pox is caused by

A. Adenovirus

B. Varicella virus

C. SV-40 virus

D. Bacterophage T-2

Answer: B



Watch Video Solution

171. Dengue fever' is caused by

A. Bacteria

B. Plasmodium

C. Virus

D. Entamoeba histolytica

Answer: C



Watch Video Solution

172. Mumps is a

- A. Viral disease
- B. Fungal disease
- C. Bacterial disease
- D. Protozoal disease

Answer: A



Watch Video Solution

173. It helps in differentiation of cells of immune system

- A. Cortisol
- B. Thyroxine
- C. Thymosin
- D. Steroid

Answer: C



174. The complexes formed during immune complex mediated hypersensitivity are removed by:

- A. Eosinophils and T-cells
- B. Monocytes and B-cells
- C. Eosinophils and monocytes
- D. Eosinophils and basophils

Answer: C



Watch Video Solution

175. Antigen determinant differs from antigen binding site in its

- A. Location
- B. Function
- C. Structure
- D. All the above

Answer: D



Watch Video Solution

176. The letter T in T-lymphocytes refers to

A. Thyroid

B. Thymus

C. Thalamus

D. Tonsil

Answer: B



Watch Video Solution

177. After entering T-cell, HIV first forms

A. mRNA

B. ssDNA

C. dsDNA

D. dsRNA

Answer: D



Watch Video Solution

178. The predominant antibody in saliva is

A. IgA

B. IgDD

C. IgC

D. IgM

Answer: A



Watch Video Solution

179. Which of the following techniques is safest for the detection of cancer ?

A. Magnetic resonance imaging

B. Radiography

C. Computed tomography

D. Histopathological study

Answer: A



Watch Video Solution

180. Which one of the following cannot be used for preparation of vaccination against plague ?

A. Heat-killed suspension of virulent bacteria

B. Formaline-inactivated suspension of virulent bacteria

C. A virulent live bacteria

D. Synthetic capsular polysaccharide material

Answer: C



Watch Video Solution

181. Ringworm in humans is caused by

A. Fungi

B. Nematodes

C. Viruses

D. Bacteria

Answer: A



Watch Video Solution

182. Which one of the following statements is correct with respect to AIDS?

A. Durg addicts are least susceptible to HIV infection.

B. AIDS patients are being fully cured cent percent with proper care and natrition.

C. The causative HIV retrovirus enters helper T-lymphocytes, thus, reducing their number.

D. HIV can be transmitted through eating food together with an infected person.

Answer: C



Watch Video Solution

183. AIDS does not spread through

A. Using a syringe used by an AIDS patient

B. Contact with clothes of an AIDS patient

C. Mother with AIDS to the fetus during pregnancy

D. Breast feeding by AIDS-suffering mother to a child

Answer: B



Watch Video Solution

184. Vaccine against rabies was first developed by

A. Jenner

B. Shull

C. Pasteur

D. Goror

Answer: C



Watch Video Solution

185. At which stage of HIV infection does one usually show symptoms of AIDS

A. When the infecting retrovirus enters host cells.

B. When viral DNA is produced by reverse transcriptase.

C. When HIV replicates rapidly in helper T-lymphocytes and damages large number of these,

D. Within 15 days of sexual contact with an infected person.

Answer: C



Watch Video Solution

186. A certain patient is suspected to be suffering from Acquired Immuno Deficiency Syndrome Which diagnostic technique will you recommend for its detection?

A. ELISA

B. MRI

C. Ultrasound

D. Widal

Answer: A



Watch Video Solution

187. Out of the following, which disease is caused by virus ?

A. Malaria

B. Influenza

C. Diphtheria

D. Typhoid

Answer: B



Watch Video Solution

188. Plague is transmitted by

A. House fly

B. Tsetes fly

C. Rat flea

D. Mosoquito

Answer: C



[Watch Video Solution](#)

189. The disease caused by viruses is

A. Tuberculosis

B. Smallpox

C. Cholera

D. Typhoid

Answer: B



[Watch Video Solution](#)

190. Paraplegia refers to the paralysis of

- A. Both legs
- B. Both upper limbs
- C. The entire body
- D. Only one limb

Answer: A



Watch Video Solution

191. Which one of the following is a common disease caused by virus

or

Which one of the disease is not transmitted by house flies

A. Yellow fever

B. Typhoid

C. Syphilis

D. Tetanus

Answer: A



[Watch Video Solution](#)

192. During injury mast cells secrete

- A. Histamine
- B. Heparin
- C. Prothrombin
- D. Antidodies

Answer: A



[Watch Video Solution](#)

193. Agglutination occurs in blood present in a test tube. This indicate

- A. Antibodies are present in plasma
- B. Antigens are present on RBC
- C. Antigens are present in plasma
- D. Antibodies are present on RBC

Answer: B



Watch Video Solution

194. LSD is

A. Hallucinogenic

B. Sedative

C. Stimulant

D. Transquilizer

Answer: A



Watch Video Solution

195. Which of the following is used in the treatment of thyroid cancer?

A. I131

B. U238

C. Ra224

D. C14

Answer: A



Watch Video Solution

196. Cancerous cells can easily be destroyed by radiations due to :-

- A. Rapid cell division
- B. Lack of nutrition
- C. Fast mutation
- D. Lack of oxygen

Answer: A



Watch Video Solution

197. Carcinoma refers to:

A. Malignant tumors of the connective tissue

B. Malignant tumors of the skin or mucus membrane

C. Malignant tumors of colon

D. Bening tumors of the connective tissue

Answer: B



Watch Video Solution

198. Short-lived immunity acquired from mother to foetus across placenta or through mother's milk to the infant is categorized as:

- A. Active immunity
- B. passive immunity
- C. Cellular immunity
- D. Innate non-specific immunity

Answer: B



Watch Video Solution

199. What is true about T-lymphocytes in mammals?

- A. There are three main types, cytotoxic T-cells, helper T-cells, and suppressor T-cells.
- B. These originate in secondary lymphoid tissues.
- C. These scavenge damaged cells and cellular debris.
- D. These are produced in thyroid.

Answer: A



Watch Video Solution

200. ELISA is used to detect viruses where key reagent is

A. Alkaline phosphates

B. Catalase

C. DNA probe

D. Rnase

Answer: A



Watch Video Solution

201. Cancer cells are more easily damaged by radiation than normal cells because they are:

- A. Undergoing rapid division
- B. Different in structure
- C. Non-dividing
- D. Starved of mutation

Answer: A



Watch Video Solution

202. ELISA is used to detect viruses where the key reagent is:

- A. Southern blotting is done
- B. Alkaline phosphatase is the key reagent
- C. Catalase is the key reagent
- D. DNA probes are required

Answer: B



Watch Video Solution

203. Damage to thymus in a child may lead to

- A. A reduction in hemoglobin content of blood
- B. A reduction in stem cell production
- C. Loss of antibody mediated immunity
- D. Loss of cell mediated immunity

Answer: D



Watch Video Solution

204. AIDS is caused by HIV that principally infects

- A. All lymphocytes
- B. Activator B-cells
- C. T-4 lymphocytes
- D. Cytotoxic T-cells

Answer: C



Watch Video Solution

205. Which one of the following depresses brain activity and produces feelings of calmness, relaxation and drowsiness?

- A. Hashish
- B. Morphine
- C. Amphetamines
- D. Valium

Answer: D



Watch Video Solution

206. Antibodies in our body are complex

A. Prostaglandins

B. Glycoproteins

C. Lipoproteins

D. Steroids

Answer: D



[Watch Video Solution](#)

207. Mast cells secrete

A. Histamine

B. Hemoglobin

C. Hippurin

D. Myoglobin

Answer: B



[Watch Video Solution](#)

208. Most active phagocytic white blood cells are

- A. Lymphocytes and macrophages
- B. Eosinophils and lymphocytes
- C. Neutrophils and monocytes
- D. Neutrophils and eosinophils

Answer: C



Watch Video Solution

209. Cornea transplant in humans is almost never rejected. This is because

A. It has no blood supply

B. It is composed of enucleated cells

C. It is a non-living layer

D. Its cells are the least penetrable by
bacteria

Answer: A



Watch Video Solution

210. Which of the following statements regarding the disease typhoid is/are correct ?

(i) *Salmonella typhi* are the pathogenic bacteria which enter human intestine through contaminated food and water migrate to other organs through blood.

(ii) Sustained high fever ($39^{\circ}C$ to $40^{\circ}C$), weakness, stomach pain, constipation, headache and loss of appetite are some common symptoms of typhoid.

(iv) Widal test is used for diagnosis of typhoid fever.

(v) The patient of this disease is not required to be treated with antibiotics.

A. (i) and (ii)

B. (ii) and (v)

C. (i),(ii) and (v)

D. (i),(ii), (iii) and (IV)

Answer: A



Watch Video Solution

211. Select the correct option showing the life cycle of Plasmodium.

A. Sporozoties (human) → RBCs → liver cells → gemetocytes in blood → blod meal, bite (female mosquito) → multiply (mosquito) → sporozoties (mosquito)

B. Sporozotic (human) → lover cells → RBCs → gametocytes in blood →

blood meal, bite (female mosquito) →

multiply (mosquito) → sporozoties

(mosquito)

C. Gametocytes (mosquito) → bite →

gametocytes (human) → RBCs →

multiply → sporozoites blood meal

(human) → bite → sporozoites

(female mosquito) → multiply

(mosquito) → gametocytes (mosquito)

D. Sporozotic (human) → liver cells →
(female mosquito) → multiply
(mosquito) → sporozoites (mosquito)

Answer: B



Watch Video Solution

212. Read the following statements regarding spleen and select the correct option.

(i) Spleen is a large oval-shaped organ which mainly contains lymphocytes and phagocytes.

(ii) Spleen is a large reservoir of erythrocytes.

(iii) Spleen is a large reservoir of erythrocytes.

(iv) spleen acts as a filter of the blood by trapping blood-borne microorganisms.

A. (i) and (ii)

B. (ii) and (iv)

C. (i), (ii) and (iii)

D. (i),(ii)and (iv)

Answer: D



Watch Video Solution

213. Which of the following statements regarding different barriers of innate immunity is not correct ?

A. Acid present in the stomach, saliva in the mouth, tears from the eye prevent the growth of micro-organism and constitute physiological barriers of our body.

B. Mucous membrane lining the respiratory, gastrointestinal and urinogenital tracts helps in trapping the microbes and constitute physiological barriers of our body.

C. Certain types of leucocytes such as polymorphonuclear leucocytes (PMNL-neutrophils) and lymphocytes such as natural killer cells, constitute cellular barriers of our body.

D. Virus-infected cells secrete proteins called interferons which protect non-infected cells from further viral infection and constitute cytokine barriers of our body.

Answer: B



Watch Video Solution

214. Read the following statements and select the correct ones.

(i) Vaccine is a preparation (or suspension) of a dead/attenuated pathogen of a disease which on inoculation (or injection) into a healthy person, provides temporary/permanent active immunity by inducing antibodies formation.

(ii) Immunisation is the process by which the body produces antibodies against the vaccine preventable diseases through administration of specific vaccines.

(ii) Immunisation is the process by which the body produces antibodies against the vaccine preventable diseases through administration of specific vaccines.

A. (i) and (ii)

B. (iii) and (iv)

C. (i),(ii) and (iii)

D. (i),(ii),(iii) and (iv)

Answer: D



Watch Video Solution

215. Which one of the following is a mismatched pair of the drug and its effect ?

A. Amphetamines - ChS stimulants

B. Lysergic acid - Psychedelic diethylamide
(LSD) (hallucinogen)

C. Heroin - Depressant, slows down body

D. Barbiturates - Tranquillizer

Answer: D



Watch Video Solution

216. Following are some statements regarding the primary and secondary antibody response in humans. All the statements are correct except

A. Lag period (time between the introduction of antigen and appearance of antibodies in blood) in primary response is longer than that in secondary response.

B. Predominant isotype produced in primary response is IgM while that in secondary response is IgG.

C. Primary antibodies have a higher affinity for antigen as compared to secondary antibodies.

D. Primary immune response is more quicker and intense than secondary immune response.

Answer: D



Watch Video Solution

217. Read the following four statements (A_D).

(A) Rhino virus infect the nose and respiratory passage but not the lungs.

(B) The lips and finger nails may turn gray to bluish in colour in severe cases of pneumonia.

(C) *Streptococcus pneumoniae* infects the alveoli of the lungs.

(D) Intestinal perforation and death may occur in severe cases of typhoid.

how many of the above statements are correct
?

A. One

B. Two

C. Three

D. Four

Answer: D



Watch Video Solution

218. Here some terms and their explanation are given. How many are incorrect ?

(a) AIDS: Acquired immuno deficiency syndrome

(b) HIV: Human immuno deficiency virus

(c) ELISA: Enzyme linked inductive steps assemble

(d) NGOs: Non-governmental organisation

(e) MALT: Mucosal associated lymphoid tissue

(f) LSD: Lysergic Acid diacetylmorphine

(g) NACO: National AIDS control Organisation

A. Two

B. One

C. Four

D. Three

Answer: A



Watch Video Solution

219. Assertion: Live attenuated vaccine is better in terms of immunity provided to the recipient.

Reason: As secondary lymphoid organs, example peyer's patches, are stimulated to protect the society.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (20).

C. If Assertion is true but Reason is false,
then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

220. Assertion: Asthma patients must never be exposed to dust.

Reason: Allergic response may cause vasoconstriction and death.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (0).

C. If Assertion is true but Reason is false,
then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: D



Watch Video Solution

221. Assertion: Colosturm is a very efficient means of transferring immunity to a newborn.

Reason: IgM from mother's milk protects the

baby from the respiratory infection usually affecting in young age.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (20).

C. If Assertion is true but Reason is false,
then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: C



Watch Video Solution

222. Assertion: Vaccine against AIDS has not been made in spite of repeated attempts.

Reason: HIV has the ability to get mutated to from several subtypes.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (0).

C. If Assertion is true but Reason is false,
then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

223. Assertion: Antibiotics such as penicillin
can be used to treat common cold.

Reason: Penicillin causes lysis of viral cells.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: D



Watch Video Solution

224. Assertion : SCID is a primary immunodeficiency.

Reason : It is a serious congenital immunodeficiency.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

225. Assertion: AIDS spreads by contact between the blood of an infected person and a healthy person.

Reason: AIDS manifests as tumors or as pathogenic infections.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: B



Watch Video Solution

226. Assertion: Syphilis spreads by sexual intercourse with infected persons.

Reason: Syphilis is caused by Spirochaete bacterium, *Treponema pallidum*.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: B



Watch Video Solution

227. Assertion: All type of cancer result in tumors.

Reason: Cancer is easily treatable with antibiotics.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: D



Watch Video Solution

228. Assertion Mother can pass on syphilis bacteria to their developing foetus.

Reason Placenta can become permeable to some pathogens.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

229. Assertion: UV - rays are carcinogenic in future.

Reason: UV - rays rupturek DNA strands and induce mutations to cause cancers.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

230. Assertion: Metastatic cancers are more serious.

Reason: These spread from one organ to other body organs and there is increased interference with metabolic functioning.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

231. Assertion: Alcohol is called a stimulant.

Reason: Alcohol is immediately oxidized to produce large amount of energy which increases the activities of CNS.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: D



Watch Video Solution

232. Assertion: Sedatives are used in sleeping pills.

Reason: Sedatives contain opiates which reduce tension and anxiety.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2)

C. If Assertion is true but Reason is false, then mark (3).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: C



Watch Video Solution

233. Assertion: Heroin addicts have more chances of occurrence of AIDS, hepatitis, etc.

Reason: heroin is the most dangerous and addictive opiate.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

234. Assertion: The Widal test is commonly used for the detection of typhoid fever.

Reason: The presence of specific agglutinins in the patient's blood indicates the presence of typhoid bacteria.

A. If both Assertion and Reason are true and the reason is the correct explanation of the assertion, then mark (1).

B. If both Assertion and Reason are true but the reason is not the correct explanation of the assertion, then mark (2).

C. If Assertion is true but Reason is false, then mark (0).

D. If both Assertion and Reason are false.

Then mark (4).

Answer: A



Watch Video Solution

Archives

1. Increased asthmatic attacks in certain seasons are related to

A. Low temperature

B. Hot and humid environment

C. Eating fruits preserved in tin containers

D. Inhalation of seasonal pollen

Answer: D



Watch Video Solution

2. Ultrasound of how much frequency is beamed into human body for sonography ?

A. 45 – 70 MHz

B. 30 – 45 MHz

C. 15 – 30 MHz

D. 1 – 15 MHz

Answer: A



Watch Video Solution

3. If you suspect major deficiency of antibodies in a person, to which of the following would you look for confirmatory evidence

- A. Haemocytes
- B. Serum albumins
- C. Serum globulins
- D. Fibrinogen in the plasma

Answer: C



Watch Video Solution

4. Which one of the following is correct statement regarding the particular psychotropic drug specified?

A. Opium stimulates nervous system and causes hallucinations.

B. Morphine leads to delusions and disturbed emotions.

C. Barbiturates cause relaxation and temporary euphoria.

D. Hashish causes after thought perceptions and hallucinations.

Answer: C



Watch Video Solution

5. Consider the following statements about biomedical technologies,

(i) During open heart surgery blood is circulated in the heart-lung machine

(ii) Blockage in coronary arteries is removed by angiography

(iii) Computerised Axial Tomography (CAT) shows detailed internal structure as seen in a section of body.

(iv) X-ray provides clear and detailed images of organs like prostate glands and lungs

Which two of the above statements are correct?

A. (i) and (iii)

B. (ii) and (ii)

C. (ii) and (iv)

D. (iii) and (iv)

Answer: A



Watch Video Solution

6. To which type of barriers under innate immunity, do the saliva in the mouth and the tears the eyes, belong?

A. Physiological barriers

B. Physical barriers

C. Cytokine barriers

D. Cellular barriers

Answer: A



Watch Video Solution

7. Wuchereria is found in

A. Headache

B. Lymph nodes

C. Eye

D. Gonads

Answer: B



Watch Video Solution

8. Use of anti-histamines and steroids give a quick relief from -

A. Headache

B. Allergy

C. Nausea

D. Conads

Answer: B



Watch Video Solution

9. Which one of the following statement is correct ?

A. Malignant tumours may exhibit metastasis

B. Patients who have undergone surgery are given cannabinoids to relieve pain.

C. Benign tumours show the property of metastasis

D. Heroin accelerates body functions.

Answer: A



[Watch Video Solution](#)

10. The letter "T" in T-lymphocyte refers to

- A. Thymus
- B. Thyroid
- C. Thalamus
- D. Tonsil

Answer: A



[Watch Video Solution](#)

11. Which of the following is a pair of viral diseases

A. Typhoid, Tuberculosis

B. Ringworm, AIDS

C. Common Cold, AIDS

D. Dysentery, Common Cold

Answer: C



Watch Video Solution

12. A person likely to develop tetanus is immunized by administering

or

When a quick immune response is required due to infection of a deadly microbes, the patient is injected with

- A. Weakened germs
- B. Dead germs
- C. Preformed antibodies
- D. Wide spectrum antibiotics

Answer: A



Watch Video Solution

13. Which one of the following statements is correct with respect to AIDS?

A. The HIV can be transmitted through eating food together with an infected person

B. Durg addicts are least susceptible to HIV infection

C. AIDS patients are being fully cured cent per cent with prope care and nutrition

D. The causative HIV retrovirus enters helper T-lymphocytes thus reducing their numbers

Answer: D



Watch Video Solution

14. Select the correct statement from the ones given below

A. Barbiturates when given to criminals make them tell the truth

B. Morphine is often given to persons who have undergone surgery as a pain killer

C. Chewing tobacco lowers blood pressure and heart rate

D. Cocaine is given to patients after surgery as it stimulates recovery

Answer: B



Watch Video Solution

15. A certain patient is suspected to be suffering from Acquired Immuno Deficiency Syndrome Which diagnostic technique will you recommend for its detection?

A. WIDAL

B. ELISA

C. MRI

D. Ultra Sound

Answer: B



Watch Video Solution

16. Which one of the following acts as a physiological barrier to the entry of microorganisms in human body

A. Skin

B. Spithelium of Urogenital tract

C. Tears

D. Monocytes

Answer: A



Watch Video Solution

17. Which one of the following is categorised as a parasite in true sense

A. The cuckoo (koel) lays its eggs in corw's nest

B. The female anopheles bites and sucks blood from humans

C. Human foetus developing inside the uterus draws nourishment from the mother

D. Head louse living on the human scalp as well as laying eggs on human hair

Answer: D



Watch Video Solution

18. At which stage of HIV infection does one usually show symptoms of AIDS

A. Within 15 days of sexual contact with an infected person

B. When the infection retrovirus enters host cells

C. When viral DNA is produced by reverse transcriptase

D. When HIV replicates rapidly in helper T-lymphocytes damages large number of

these

Answer: D



Watch Video Solution

19. Where will you look for the sporozoites of malarial parasite ?

A. Salivary glands of freshly moulted female

Anopheles mosquito

B. Saliva of infected female Anopheles mosquito

C. red blood corpuscles of humans suffering from malaria

D. Spleen of infected humans

Answer: B



Watch Video Solution

20. Which one of the following is not a property of cancerous cells whereas the remaining three are

A. They do not remain confined in the area of formation.

B. They show non-contact inhibition.

C. They show contact inhibition.

D. They compete with normal cells for vital nutrients.

Answer: C



Watch Video Solution

21. Common cold differs from pneumonia in, that

A. Pneumonia can be prevented by a live attenuated bacterial vaccine whereas common cold has no effective vaccine.

B. Pneumonia is caused by a virus while common cold is caused by bacterium *Haemophilus influenzae*.

C. Pneumonia pathogen infects alveoli whereas common cold affects nose and respiratory passage but not the lungs.

D. Pneumonia is a communicable disease whereas common cold is a nutritional deficiency disease.

Answer: C



[Watch Video Solution](#)

22. Widal test is carried out to test

A. Diabetes mellitus

B. HIV/AIDS

C. Typhoid fever

D. Malaria

Answer: C



[Watch Video Solution](#)

23. A patient brought to a hospital with myocardial infraction is normally immediately given

A. Streptokinase

B. Cyclosporin-A

C. Statins

D. Penicillin

Answer: A



Watch Video Solution

24. Cirrhosis of liver is caused by the chronic intake of

A. Tobacco (Chewing)

B. Cocaine

C. Opium

D. Alcohol

Answer: D



Watch Video Solution

25. Motile zygote of Plasmodium occurs in

- A. Human RBCs
- B. Human liver
- C. Gut of female Anopheles
- D. Salivary glands of Anopheles

Answer: C



Watch Video Solution

26. Read the following four statements (A-D)

(a) Colostrum is recommended for the new born because it is rich in antigens

(b) Chikengunya is caused by a Gram negative bacterium

(c) Tissue culture has proved useful in obtaining virus-free plants

(d) Beer is manufactured by distillation of fermented grape juice

How many of the above Statements are wrong

A. Two

B. Three

C. Four

D. One

Answer: A



Watch Video Solution

27. Which one of the following statement is correct with respect to immunity

A. Performed antibodies need to be injected to treat the bite by a viper snake.

B. The antibodies against smallpox pathogen are produced by T-lymphocytes.

C. Antibodies are protein molecules, each of which has for light chains.

D. Rejection of a kidney graft is the function of B-lymphocytes.

Answer: A



Watch Video Solution

28. Which of the following cannot be detected in a developing foetus by amniocentesis?

- A. Sex of the fetus
- B. Down syndrome
- C. Jaundice
- D. Klinefelter syndrome

Answer: C



Watch Video Solution

29. The cell-mediated immunity inside the human body is carried out by

A. B-lymphocytes

B. Thrombocytes

C. Erythrocytes

D. T-lymphocytes

Answer: D



Watch Video Solution

30. Infection of Ascaris usually occurs by

- A. drinking water containing eggs of Ascarise
- B. eating imperfectly cooked pork
- C. Tse-tse fly
- D. mosquito bite

Answer: A



Watch Video Solution

31. At which stage of HIV infection does one usually show symptoms of AIDS

A. With in 15 days of sexual contact with an infected person.

B. When the infected retrovirus enters host cells.

C. When HIV damages large number of helper T-Lymphocytes.

D. When the viral DNA is produced by reverse transcriptase.

Answer: C



Watch Video Solution

32. Which of the following endoparasites of humans does show viviparity

A. *Ascaris lumbricoides*

B. *Ancylostoma duodenale*

C. *Enterobius vermicularis*

D. *Trichinella spiralis*

Answer: D



Watch Video Solution

33. Match the disease with its correct type of vaccine

- | | |
|--------------------|------------------------|
| (A) tuberculosis | (i) harmless virus |
| (B) whooping cough | (ii) inactivated toxin |
| (C) diphtheria | (iii) Killed bacteria |
| (D) polio | (iv) harmless bacteria |

- A. (a) (b) (c) (d)
(i) (ii) (iv) (iii)
- B. (a) (b) (c) (d)
(ii) (i) (iii) (iv)
- C. (a) (b) (c) (d)
(iii) (ii) (iv) (i)
- D. (a) (b) (c) (d)
(iv) (iii) (ii) (i)

Answer: D



Watch Video Solution

34. Which of the following viruses is not transferred through semen of an infected male

A. Ebola virus

B. Hepatitis B virus

C. Human immunodeficiency virus

D. Chikungunya virus

Answer: D



Watch Video Solution

35. The active form of *Entamoeba-histolytica* feeds upon

A. blood only

B. erythrocytes, mucosa and submucosa of
colon

C. mucosa and submucosa of colon only

D. food in intestine

Answer: B



Watch Video Solution

36. HIV that causes AIDS, first starts destroying

A. Thrombocytes

B. B-Lymphocytes

C. Leucocytes

D. Helper T-Lymphocytes

Answer: D



Watch Video Solution

37. Which of the following is not a sexually transmitted disease?

A. Encephalitis

B. Syphilis

C. Acquired Immuno Deficiency Syndrome
(AIDS)

D. Trichomoniasis

Answer: A



Watch Video Solution

38. Which of the following immunoglobulins does constitute the largest percentage in human milk?

A. IgG

B. IgG

C. IgM

D. IgA

Answer: D



Watch Video Solution

39. Grafted kidney may be rejected in a patient due to:

- A. Innate immune response
- B. Humoral immune response
- C. Cell-mediated immune response
- D. Passive immune response

Answer: C



Watch Video Solution

40. Which of the following diseases is caused by a protozoan

A. Blastomycosis

B. Syphilis

C. Influenza

D. Babesiosis

Answer: A



Watch Video Solution

41. The amino acid tryptophan is the precursor for the synthesis of

- A. Melatonin and Serrotonin
- B. Thyroxine and Triodothyronine
- C. Estrogen and Progesterone
- D. Cortisol and Cortisone

Answer: A



Watch Video Solution

42. 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

- A. Allergic response
- B. Graft rejection
- C. Auto-immune disease
- D. Active immunity

Answer: C



Watch Video Solution

43. Antivenom injection contains preformed antibodies while polio drops that are administered into the body contain

- A. Activated pathogens
- B. Harvested antibodies
- C. Gamma globulin
- D. Attenuated pathogens

Answer: D





Watch Video Solution

44. Which kind of therapy was given in 1990 to a four year old girl with adenosine deaminase (ADA) deficiency?

- A. Immunotherapy
- B. Radiation therapy
- C. Gene therapy
- D. Chemotherapy

Answer: C



Watch Video Solution

45. Which of the following sets of disease is caused by bacteria

- A. Tetanus and mumps
- B. Herpes and influenza
- C. Cholera and tetanus
- D. Typhoid and smallpox

Answer: C



Watch Video Solution

