



BIOLOGY

BOOKS - GR BATHLA & SONS BIOLOGY (HINGLISH)

HUMAN HEALTH AND DISEASES

Multiple Choice Questions

1. Which of the following diseases are communicable?

- A. Allergies
- B. Infectious diseases
- C. Deficiency diseases
- D. Degenerative diseases

Answer: B



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2. The nature of the spread of communicable diseases is termed as:

- A. parasitology
- B. immunology
- C. epidemiology
- D. none of these

Answer: C



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3. The germ theory of disease' was postulated by:

- A. Hippocrates
- B. Pasteur and Koch
- C. Edward Jenner

D. Lamarck and Darwin

Answer: B



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4. Disease due to malfunctioning of organ or organ system is called:

A. cancer

B. allergy

C. degenerative disease

D. hereditary disease

Answer: C



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5. The interval between infection and appearance of a disease is known as:

- A. inoculation
- B. penetration
- C. infection period
- D. incubation period

Answer: D



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6. Communicability of a disease depends upon the availability of a:

- A. parasite
- B. pathogen
- C. healthy person
- D. susceptible person

Answer: D



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7. The organism which carries a disease from one organism to another is called:

- A. host
- B. vector
- C. parasite
- D. none of these

Answer: B



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8. Critical state of disease is called:

- A. acme
- B. acromion
- C. acholin
- D. none of these

Answer: A

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9. Cholera, leprosy and diphtheria are:

- A. viral diseases
- B. fungal diseases
- C. bacterial diseases
- D. functional diseases

Answer: C

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10. Which of the following is a set of bacterial diseases?

- A. Cholera, typhoid and mumps
- B. Diphtheria, leprosy and plague
- C. Malaria, mumps and polimyelitis
- D. Tetanus, tuberculosis and measles

Answer: B



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11. Which of the following applies to scarlet fever?

- A. It is a viral disease
- B. It is a fungal disease
- C. It is caused by *Streptococcus pyogenes*

D. It is caused by *Corynebacterium* species

Answer: C



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12. 'Goose pimples' are produced by:

A. scarlet fever

B. gonorrhoea

C. trench fever

D. chickenpox

Answer: A



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13. Dick test is performed to detect:

- A. cancer
- B. typhoid
- C. scarlet fever
- D. tuberculosis

Answer: C



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14. Which of the following disease is not transmitted through contaminated water?

- A. Typhoid
- B. Diphtheria
- C. Hepatitis B
- D. Amoebiasis

Answer: B

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15. Diphtheria is caused by:

- A. Bordetella
- B. Clostridium
- C. Treponema
- D. Corynebacteria

Answer: D

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16. Diphtheria is caused by:

- A. poisons released by living bacterial cells into the host tissue
- B. poisons released from dead bacterial cells into the host tissue
- C. poisons released by virus into the host tissues

D. excessive immune response by the host's body

Answer: A



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17. The disease in which thick matter stops the passage of throat and forms a layer of mucous membrane is called:

A. tetanus

B. pertussis

C. diphtheria

D. tuberculosis

Answer: C



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18. There is a patient having a disease in which a semisolid material oozes out and forms a tough membrane over it in air passage. The disease is:

- A. TB
- B. Tetanus
- C. Pertussis
- D. Diphtheria

Answer: D



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19. The disease diphtheria affects:

- A. skin
- B. brain
- C. throat
- D. kidney

Answer: C



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20. Symptom of diphtheria is:

- A. suffocation
- B. fear of water
- C. gum bleeding
- D. stomach ache

Answer: A



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21. Immunity of diphtheria is determined by:

- A. Mantoux test

B. Schick test

C. Wassermann test

D. Rose-Waaler test

Answer: B



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22. DTP vaccine, a combination vaccine, is effective in humans against:

A. diabetes, polio and tetanus

B. diphtheria, plague and tetanus

C. diphtheria, pertussis and tetanus

D. diphtheria, pertussis and tyhoid

Answer: C



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23. The organism that causes pertussis is a:

A. virus

B. fungus

C. gram-positive Bacillus

D. gram-negative Bacillus

Answer: D



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24. DPT vaccine is used for the immunization of:

A. cholera

B. typhoid fever

C. bubonic plague

D. whooping cough

Answer: D



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25. A common childhood disease is:

- A. Dengue fever
- B. Plague
- C. Whooping cough
- D. Botulism

Answer: C



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26. Which of the following is a disease of CNS?

- A. Anthrax

B. Meningitis

C. Scarlet fever

D. Gonorrhoea

Answer: B



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27. Meningitis, a disease which is responsible for damage of the membrane of the brain, is caused by:

A. Bacillus

B. Yersinia

C. Neisseria

D. Bordetella

Answer: C



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28. All of the following organisms are capable of causing meningitis except:

- A. Haemophilus influenzae
- B. Streptococcus pneumoniae
- C. Staphylococcus aureus
- D. Mycobacterium leprae

Answer: D



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29. Which of the following is a bacterial disease?

- A. Rabies
- B. Measles
- C. Smallpox

D. Tuberculosis

Answer: D



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30. All of the following human diseases are due to members of the genus *Clostridium* except:

A. tetanus

B. botulism

C. gangrene

D. tuberculosis

Answer: D



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31. Lung tuberculosis is caused by

- A. Escherichia coli
- B. Pseudomonas aeruginosa
- C. Mycobacterium tuberculosis
- D. Streptococcus pneumoniae

Answer: C



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32. All of the following are true of tuberculosis except:

- A. penicillin is used in therapy
- B. the Mantoux test is used as a rapid screening test
- C. normal resistance is centred in the actions of T-lymphocytes
- D. the lesions of the lung are called tubercles

Answer: a



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33. BCG vaccine is a preventive measure against:

A. Tuberculosis

B. Typhoid

C. AIDS

D. Cholera

Answer: A



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34. BCG stands for:

A. Bacterio-chemical gangrene

B. Bacteria culture growth

C. Bacille Calmette Guerin

D. Bacterial cell genome

Answer: C



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35. Mantoux test is for:

A. scarlet fever

B. diphtheria

C. rheumatoid fever

D. tuberculosis

Answer: D



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36. TB is cured by:

- A. Eucitol
- B. Rifampin
- C. Ubiquinone
- D. Griseofulvin

Answer: B



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37. Among the currently used drugs for treating tuberculosis are:

- A. Isoniazid
- B. Vancomycin
- C. Erythromycin
- D. Chloramphenicol

Answer: A



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38. A very much publicized treatment method "DOTS" is being adopted for the cure of:

- A. tetanus
- B. dementia
- C. tuberculosis
- D. sexually transmitted disease

Answer: C



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39. Which of the following diseases is not caused by virus?

A. AIDS

B. Rabies

C. Mumps

D. Tuberculosis

Answer: D



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40. Which of the following diseases is not spread by contaminated food and water?

A. Typhoid

B. Dysentery

C. Cholera

D. Pneumonia

Answer: D

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41. The disease pneumonia is caused by:

- A. virus
- B. bacterium
- C. protozoa
- D. cyanobacterium

Answer: B

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42. Food poisoning is caused by:

- A. Escherichia coli
- B. Entamoeba histolytica
- C. Clostridium botulinum

D. *Corynebacterium diphtheriae*

Answer: C



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43. Food poisoning is caused by:

A. *Azotobacter*

B. *Clostridium*

C. *Lactobacillus*

D. *Rhizobium*

Answer: B



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44. The bacterium (*Clostridium botulinum*) that causes botulism is

- A. an obligate aerobe
- B. a facultative aerobe
- C. an obligate anaerobe
- D. a facultative anaerobe

Answer: C

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45. Substances which are released by pathogenic bacteria and cause harm to the host are:

- A. exotoxins
- B. antigens
- C. antitoxins
- D. antibiotics

Answer: A

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46. Bacterial toxins when excreted into the surrounding medium are known as:

- A. toxins
- B. endotoxins
- C. exotoxins
- D. both (b) and (c)

Answer: C

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47. Swollen tongue, double vision, vomiting, diarrhoea, etc., are the main symptoms of:

- A. cholera

B. botulism

C. typhoid

D. jaundice

Answer: B



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48. The effects of the botulism toxin are observed in the:

A. GI tract

B. Nervous system

C. Respiratory system

D. Urinogenital system

Answer: B



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49. Botulism caused by *Clostridium botulinum* affects the:

- A. spleen
- B. intestine
- C. lymph glands
- D. neuromuscular junctions

Answer: D



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50. The treatment available for patients of botulism consists of:

- A. toxoids
- B. penicillin
- C. antitoxins
- D. tetracycline antibiotics

Answer: C



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51. An effective way of preventing the transmission of botulism is:

- A. avoiding arthropods
- B. treating animal bites promptly
- C. heating foods well before consuming them
- D. avoiding contact with one who has the disease

Answer: C



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52. All of the following are possible causes of bacterial food poisoning except:

- A. Bacillus cereus
- B. Corynebacteria xerosis
- C. Clostridium perfringens
- D. Clostridium botulinum

Answer: B

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53. Typhoid fever in human beings is caused by

- A. Salmonella
- B. Yersinia
- C. Treponema
- D. Streptococcus

Answer: A

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54. Widal test is used for susceptibility of

- A. Malaria
- B. HIV/AIDS
- C. Typhoid fever
- D. Diabetes mellitus

Answer: C



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55. Fever, delirium, slow pulse, abdominal tenderness and a rosecoloured rash are the symptoms of:

- A. measles
- B. tetanus
- C. typhoid

D. chickenpox

Answer: C



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56. Which of the following is not immunized by triple antigen?

A. Typhoid

B. Tetanus

C. Diphtheria

D. Whooping cough

Answer: A



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57. Common intestinal bacterium of humans is:

- A. Salmonella
- B. Clostridium
- C. Entamoeba coli
- D. Escherichia coli

Answer: D

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58. Bacteria found in colon of human are:

- A. Mycobacterium tuberculosis
- B. Clostridium botulinum
- C. Escherichia coli
- D. All of the above

Answer: C

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59. Which is a symbiont inside human intestine?

- A. Escherichia coli
- B. Treponema pallidum
- C. Neisseria meningitidis
- D. Streptococcus pneumoniae

Answer: A



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60. Assertion (A) : Escherichia coli, Shigella sp. and Salmonella sp. are all responsible for diarrhoeal diseases.

Reason (R): Dehydration is common to all types of diarrhoeal diseases and adequate supply of fluids and electrolytes should be ensured.

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)

B. Both (A) and (R) are true but (R) is not the correct explanation of

(A)

C. (A) is true but (R) is false

D. Both (A) and (R) are false

Answer: B



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61. Feeding jaggery with limewater is on the first aid measure for

A. anthrax

B. cowpox

C. diarrhoea

D. milk fever

Answer: C



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62. Bacillary dysentery is due to:

- A. Shigella
- B. Entamoeba
- C. Salmonella
- D. Staphyococcus

Answer: A



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63. Diarrhoea causes:

- A. whooping cough
- B. dehydration
- C. typhoid

D. all of these

Answer: B



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64. If you keep the sanitary system around yourself sound then the disease which will not most probably break out is:

A. cholera

B. malaria

C. beri-beri

D. scurvy

Answer: A



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65. A water-borne disease is:

- A. malaria
- B. cholera
- C. small pox
- D. tuberculosis

Answer: B



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66. Cholera is caused by:

- A. virus
- B. fungus
- C. bacterium
- D. protozoan

Answer: C



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67. Which is not a water-borne disease?

A. Typhoid

B. Cholera

C. Asthma

D. Amoebiasis

Answer: C



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68. Select a diarrhoeal disease from the following:

A. cholera

B. Tetanus

C. anthrax

D. whooping cough

Answer: A



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69. Cholera is accompanied by:

A. rapid loss of fluid from the intestine

B. infection of heart muscles

C. peptic ulcers

D. rose spots

Answer: A



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70. Patients suffering from cholera are given a saline drip because:

- A. Na^+ ions help in stopping nerve impulses and hence, sensation of pain
- B. Na^+ ions help in the retention of water in the body tissues
- C. NaCl is an important component of energy supply
- D. NaCl furnishes most of the fuel required for cellular activity

Answer: B



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71. A common disease of domesticated animals is:

- A. Anthrax
- B. syphilis
- C. cholera

D. diphtheria

Answer: A



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72. Anthrax is caused by:

A. virus

B. fungus

C. bacterium

D. chemical compounds

Answer: C



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73. Anthrax spores are extremely resistant to environmental changes and therefore may be used in:

- A. viral research
- B. biological warfare
- C. industrial processes
- D. biochemical mutations

Answer: B



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74. The animals most frequently infected with anthrax are:

- A. sheep
- B. cattle
- C. goats
- D. all of these

Answer: D



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75. Some common diseases caused by bacteria are:

- A. measles, mumps and malaria
- B. tetanus, typhoid and tuberculosis
- C. syphilis, smallpox and sleeping sickness
- D. pneumonia, poliomyelitis and psittacosis

Answer: B



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76. Tetanus disease is caused by

- A. virus

B. fungus

C. bacterium

D. mycoplasma

Answer: C



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77. Both tetanus and botulism are caused by:

A. Prions

B. Protozoa

C. A species of Clostridium

D. Cryptococcus neoformans

Answer: C



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78. Tetanus disease is caused by:

- A. Diplococcus pneumoniae
- B. Mycobacterium leprae
- C. Salmonella typhi
- D. Clostridium tetani

Answer: D



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79. Which of the following diseases is contracted through wounds?

- A. Plague
- B. Tetanus
- C. Cholera
- D. Tuberculosis

Answer: B



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80. ATS inoculation protects our body from:

- A. tetanus
- B. cholera
- C. leprosy
- D. typhoid

Answer: A



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81. The disease, tetanus is also known as:

- A. Shingles

B. Gangrene

C. Lockjaw

D. Whooping cough

Answer: C



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82. Disease associated with secretion of toxin is:

A. TB

B. AIDS

C. Tetanus

D. Typhoid

Answer: C



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83. Toxin produced by tetanus affects:

- A. jaw bones
- B. voluntary muscles
- C. involuntary muscles
- D. both voluntary and involuntary muscles

Answer: B



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84. Gas gangrene is caused by:

- A. Clostridium difficile
- B. Clostridium perfringens
- C. Clostridium botulinum
- D. Streptococcus pyogenes

Answer: B



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85. Which one of the following is a causative agent of plague?

- A. *Yersinia pestis*
- B. *Shigella flexneri*
- C. *Bordetella pertussis*
- D. *Staphylococcus aureus*

Answer: A



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86. Bubonic plague is transmitted by:

- A. *Aedes*

B. Rat flea

C. Cockroach

D. Anopheles

Answer: B



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87. The two means for spreading plague are:

A. contaminated food and water

B. rat fleas and airborne droplets

C. sexual contact and animal bites

D. airborne droplets and a mosquito bite

Answer: B



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88. Black death' is another name for:

- A. plague
- B. botulism
- C. Tetanus
- D. kala-azar

Answer: A



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89. Wayson stain test is used for susceptibility of:

- A. cholera
- B. tetanus
- C. typhoid
- D. plague

Answer: D



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90. A disease caused by a bacterium is:

- A. Plague
- B. mumps
- C. dengue
- D. sleeping sickness

Answer: A



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91. The disease whose vector is flea and pathogen bacteria is:

- A. cholera

B. typhoid

C. plague

D. leprosy

Answer: C



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92. Match the following bacteria with the diseases and choose the correct option:

Column-I

A *Treponema pallidum*

B *Yersinia pestis*

C *Bacillus anthracis*

D *Vibrio*

Column-II

1 Plague

2 Anthrax

3 Syphilis

4 Cholera

A. A=1, B=3, C=2, D=4

B. A=3, B=1, C=2, D=4

C. A=2, B=3, C=1, D=4

D. A=4, B=3, C=1, D=2

Answer: B



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93. Rickettsia is a group of:

- A. fungi
- B. bacteria
- C. viruses
- D. protozoans

Answer: B



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94. All of the following are diseases caused by rickettsiae except:

- A. Tularemia

B. Trench fever

C. Scrub typhus

D. Rocky Mountain Spotted Fever

Answer: A



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95. Rocky Mountain Spotted Fever is transmitted by:

A. virus

B. gungi

C. algae

D. ticks

Answer: D



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96. Rickettsiae cause:

- A. Q fever
- B. Trench fever
- C. Both of these
- D. None of these

Answer: b



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97. Which of the following diseases are not caused by viruses?

- A. Rabies and polio
- B. AIDS and hepatitis
- C. Smallpox and measles
- D. Trench and typhus fever

Answer: D



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98. Typhus fever is transmitted by:

- A. bedbug
- B. mosquito
- C. housefly
- D. body louse

Answer: D



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99. Which of the following pairs is not correctly matched?

- A. Dengue fever - Arbovirus

B. Plague - *Yersinia pestis*

C. Syphilis - *Trichuris trichura*

D. Sleeping sickness - *Trypanosoma gambiense*

Answer: C



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100. Which one of the following diseases is a sexually transmitted disease?

A. Cancer

B. Syphilis

C. Diphtheria

D. Myocarditis

Answer: B



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101. Which one of the following sexually transmitted diseases is correctly matched with its pathogen?

- A. Soft sore - *Bacillus brevis*
- B. Urethritis - *Bacillus anthracis*
- C. Syphilis - *Treponema pallidum*
- D. Gonorrhoea - *Entamoeba histolytica*

Answer: C



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102. Syphilis is caused by:

- A. *Plasmodium vivax*
- B. *Neisseria gonorrhoea*
- C. *Entamoeba histolytica*

D. *Treponema pallidum*

Answer: D



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103. Most cases of syphilis can be treated with the antibiotic:

A. Penicillin

B. Gentamicin

C. Chlotrimazole

D. Chloramphenicol

Answer: A



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104. Wassermann test is used to detect:

A. typhoid

B. syphilis

C. tuberculosis

D. scarlet fever

Answer: B



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105. Hutchinson's teeth are found in the patients of:

A. leprosy

B. syphilis

C. trachoma

D. tuberculosis

Answer: B



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106. Pathogen for 'French pox' is:

- A. Variola
- B. Rubeola
- C. Varicella
- D. Treponema

Answer: D



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107. Which of the following is not a serological test for early diagnosis of syphilis?

- A. TPI
- B. VDRL
- C. Widal test

D. Wassermann test

Answer: C



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108. Which of the following is a sexually transmitted disease?

A. Q fever

B. Leprosy

C. Gonorrhoea

D. Whooping cough

Answer: C



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109. Gonorrhoea is caused by:

- A. *Treponema pallidum*
- B. *Entamoeba gingivalis*
- C. *Mycobacterium leprae*
- D. *Neisseria gonorrhoea*

Answer: D

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110. Chancroid is a sexually transmitted disease caused by:

- A. *Neisseria*
- B. *Chlamydia*
- C. *Treponema*
- D. *Haemophilus*

Answer: D

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111. Which of the following is a bacterial disease?

- A. Polio
- B. AIDS
- C. Leprosy
- D. Ascariasis

Answer: C



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112. Leprosy is caused by:

- A. Vibrio
- B. Bacillus
- C. Salmonella

D. Mycobacterium

Answer: D



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113. Leprosy spreads by:

A. blood

B. contact

C. droplet

D. mosquitoes

Answer: B



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114. Hansen's disease is another name for:

A. plague

B. leprosy

C. tetanus

D. none of these

Answer: B



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115. Koch's postulates are not applicable to

A. cholera

B. diphtheria

C. leprosy

D. tuberculosis

Answer: C



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116. The only mammal, other than man, which suffers from leprosy is:

- A. Mus
- B. Dasypus
- C. Desmodus
- D. Rhinolopus

Answer: B



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117. Which of the following is a disease infecting eyes ?

- A. Q fever
- B. Trachoma
- C. Anthrax

D. Diphtheria

Answer: B



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118. Many cases of conjunctivitis, also known as pink eye, are caused by:

- A. gram-positive rod
- B. gram-negative rod
- C. gram-positive Staphylococcus
- D. gram-negative Staphylococcus

Answer: B



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119. Match the disease in Column I with the appropriate items (pathogen/prevention/treatment) in Column II:

Column-I	Column-II
<i>A</i> Amoebiasis	1 <i>Treponema pallidum</i>
<i>B</i> Diphtheria	2 Use only sterilized food and water
<i>C</i> Cholera	3 DPT vaccine
<i>D</i> Syphilis	4 Use oral rehydration therapy

A. A=2, B=3, C=4, D=1

B. A=1, B=2, C=3, D=4

C. A=2, B=4, C=1, D=3

D. A=2, B=1, C=3, D=4

Answer: A



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120. Which of the following causes abortion in ladies?

A. Viruses

- B. Bacteria
- C. Mycoplasma
- D. None of these

Answer: C



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121. Which of the following is a viral disease?

- A. Rabies
- B. Measles
- C. Smallpox
- D. All of these

Answer: D



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122. Which is a viral disease?

- A. tetanus
- B. Dysentery
- C. Typhoid
- D. None of these

Answer: D



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123. The jaundice is a physiological liver disease. It is caused by a

- A. virus
- B. helminth
- C. protozoan
- D. bacterium

Answer: A



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124. Jaundice is disease of:

- A. liver
- B. kidney
- C. pancreas
- D. duodenum

Answer: A



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125. Jaundica is caused by:

- A. pork

B. excessive suger

C. contaminated water

D. excessive eating of Curcuma

Answer: C



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126. Flu' is caused by:

A. virus

B. bacteria

C. protozoa

D. all of these

Answer: A



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127. Influenza is caused by:

- A. fungus
- B. virus
- C. lichen
- D. bacteria

Answer: B



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128. What genetic material is found in influenza virus?

- A. Single stranded RNA
- B. Without nucleic acid
- C. Double stranded DNA
- D. Single stranded DNA

Answer: A



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129. Common cold is caused by:

- A. virus
- B. bacteria
- C. fungi
- D. protozoa

Answer: A



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130. Assertion (A) : Severe Acute Respiratory Syndrome (SARS) originated in China.

Reason (R): China is the most populated country of the world.

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)
- B. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- C. (A) is true but (R) is false
- D. Both (A) and (R) are false

Answer: B



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131. The viruses of the following diseases are known to remain in the body tissues for long periods of time:

- A. herpes simplex and chickenpox
- B. trachoma and ringworm
- C. scarlet fever and warts
- D. smallpox and boils

Answer: A



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132. Transmission of herpes simplex viruses can occur to the newborn:

- A. from infected toys
- B. during the birth process
- C. from contaminated formula
- D. in airborne droplets from the mother

Answer: B



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133. Varicella virus causes:

- A. smallpox

B. influenza

C. chickenpox

D. respiratory infection

Answer: C



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134. The painful skin condition known as shingles is associated is associated with:

A. polio

B. rabies

C. influenza

D. chickenpox

Answer: D



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135. The disease caused caused by virus is:

- A. smallpox
- B. typhoid
- C. pneumonia
- D. tuberculosis

Answer: A



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136. Which of the following diseases is now considered eradicated from India?

- A. Plague
- B. Smallpox
- C. Kala-azar

D. Poliomyelitis

Answer: B



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137. In India, smallpox was eradicated in:

A. 1973

B. 1974

C. 1975

D. 1977

Answer: C



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138. Edward Jenner introduced:

- A. immunization against polio
- B. vaccination against smallpox
- C. immunization against malaria
- D. vaccination against chickenpox

Answer: B

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139. Smallpox and rabies are caused by:

- A. virus
- B. protozoan
- C. bacterium
- D. nematode

Answer: A

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140. Which one is a viral disease?

- A. Measles
- B. Rickets
- C. Syphilis
- D. Congenital night blindness

Answer: A



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141. Which of the following is a viral disease?

- A. Polio
- B. Measles
- C. Hydrophobia

D. All of these

Answer: D

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142. Swartz vaccine induces immunity against:

A. AIDS

B. Rabies

C. Mumps

D. Measles

Answer: D

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143. Select a common childhood viral disease:

A. measles

B. diphtheria

C. dengue fever

D. whooping cough

Answer: A



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144. Which of the following occurs only in humans?

A. Rabies

B. Malaria

C. Anthrax

D. Mumps

Answer: D



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145. Which pair of diseases is viral?

- A. Cholera and TB
- B. AIDS and Syphilis
- C. Mumps and Rabies
- D. Tetanus and Typhoid

Answer: C



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146. Mumps is a:

- A. viral disease
- B. fungal disease
- C. bacterial diseases

D. protozoal disease

Answer: A



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147. Virus causing mumps is:

A. retrovirus

B. orthovirus

C. paramyxovirus

D. none of these

Answer: C



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148. Mumps is a viral disease caused by the inflammation of:

- A. parotid gland
- B. sublingual gland
- C. infraorbital gland
- D. submaxillary gland

Answer: A

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149. A viral disease is:

- A. cancer
- B. typhoid
- C. yellow fever
- D. leukaemia

Answer: C

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150. Which of the following diseases is not transmitted by houseflies ?

- A. Cholera
- B. Typhoid
- C. Dysentery
- D. Yellow fever

Answer: D



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151. Who got Nobel Prize in 1951 for the development of vaccine for yellow fever ?

- A. Max Theiler
- B. Ronald Ross
- C. Max Delbruck

D. Francis Peyton Rous

Answer: A



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152. Symptoms of yellow fever are:

A. headache

B. vomiting

C. rupture of veins

D. all of these

Answer: D



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153. The carrier of virus causing human yellow fever is

A. bug

B. louse

C. beetle

D. mosquito

Answer: D



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154. Which of the following is different from others?

A. Scarlet fever

B. Dengue fever

C. Typhus fever

D. Trench fever

Answer: B



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155. Dengue fever is caused by:

- A. Virus
- B. Bacteria
- C. Entamoeba
- D. Plasmodium

Answer: A



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156. Dengue fever is similar to yellow fever in that both:

- A. affect the lungs
- B. are transmitted by ticks
- C. occur in Arctic regions

D. are caused by RNA viruses

Answer: D



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157. Breakbone fever is an alternate name for:

A. malaria

B. yellow fever

C. dengue fever

D. none of these

Answer: C



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158. The vector of 'breakbone fever' is:

A. Culex

B. Aedes

C. Anopheles

D. None of these

Answer: B



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159. Aedes aegypti is a vector for:

A. Dengue fever

B. yellow fever

C. Both dengue and yellow fever

D. Japanese encephalitis

Answer: C



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160. Which of the following is the most infectious diseases?

- A. AIDS
- B. Malaria
- C. Amoebiasis
- D. Hepatitis B

Answer: D



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161. Which of the following is transmitted through the serum in man?

- A. Cirrhosis
- B. Hepatitis A
- C. Hepatitis B

D. Tuberculosis

Answer: C



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162. Which one of the following pairs of disease can spread through blood transfusion

- A. Hepatitis and AIDS
- B. Hay fever and AIDS
- C. Cholera and Hepatitis
- D. Diabetes mellitua and Malaria

Answer: A



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163. Heating food to $100^{\circ}C$ will prevent all but following diseases:

- A. Cholera
- B. Botulism
- C. Hepatitis B
- D. Salmonella infection

Answer: C



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164. Which of the following is sexually transmitted disorder?

- A. Hepatitis E
- B. Hepatitis B
- C. Hepatitis C
- D. Hepatitis D

Answer: B



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165. In recent years which disease of digestive system in India has received great attention and against that active vaccination is being done even in schools?

- A. Jaundice
- B. Hepatitis
- C. Enterocolitis
- D. Poliomyelitis

Answer: B



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166. Hepatitis B is caused by:

A. Rickettsia

B. RNA virus

C. DNA virus

D. Mycoplasma

Answer: C



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167. The disease caused caused by vrus which is 42 nm in size and contains double stranded DNA is :

A. AIDS

B. Leprosy

C. Hepatitis A

D. Hepatitis B

Answer: D

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168. AIDS is a:

- A. cancer
- B. bacterial disease
- C. Deficiency diseases
- D. virus-borne disease

Answer: D

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169. What is the full form of AIDS?

- A. Acquired Immuno Deficient Syndrome
- B. Acquired Immunity Deficient Syndrome
- C. Acquired Immunity Deficiency Syndrome

D. Acquired Immuno Deficiency Syndrome

Answer: D



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170. AIDS is caused by:

A. TMV

B. Bacterium

C. Blood cancer

D. Human immunodeficiency virus

Answer: D



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171. AIDS is caused by a:

A. retrovirus

B. DNA virus

C. viroid

D. protein

Answer: A



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172. The human immunodeficiency virus is a/an:

A. Adenovirus

B. DNA retrovirus

C. RNA retrovirus

D. Adeno adenovirus

Answer: C



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173. HIV responsible for AIDS in human is a:

- A. ssDNA virus
- B. ssRNA virus
- C. ds RNA virus
- D. dsDNA virus

Answer: B



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174. Which of the glands is often referred in relation with AIDS

or

T-cells are lymphocytes which produced the cellular immunity, These are developed from

- A. Thyroid

B. Adrenal

C. Thymus

D. Pancreas

Answer: C



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175. AIDS was first discovered in :

A. 1981 in Asia

B. 1984 in France

C. 1981 in America

D. 1984 in America

Answer: C



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176. Who got Nobel prize of Physiology or Medicine of 2008 for the discovery of HIV ?

- A. Françoise Barré-Sinoussi and Luc Montagnier
- B. Françoise Peyton Rous and David Baltimore
- C. Oliver Smithies and Mario R. Capecchi
- D. Richard Axel and Linda Buck

Answer: A



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177. The AIDS virus spreads through:

- A. killer T-cells
- B. helper T-cells
- C. carrier T-cells
- D. suppressor T-cells

Answer: B



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178. AIDS is characterized by a reduction in:

- A. killer T-cells
- B. helper T-cells
- C. B-lymphocytes
- D. suppressor T-cells

Answer: B



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179. AIDS related complex or ARC is:

- A. A milder form of AIDS

B. Severe form of AIDS

C. Not linked to AIDS

D. None of these

Answer: A



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180. AIDS spreads through:

A. infected needles and syringes

B. immoral way of life

C. homosexuality

D. all of the above

Answer: D



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181. Immuno deficiency syndrome could develop due to:

- A. AIDS virus
- B. Defective liver
- C. Defective thymus
- D. Weak immune system

Answer: A



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182. AIDS from India was first reported in:

- A. 1981
- B. 1984
- C. 1986
- D. 1990

Answer: C



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183. No vaccine is available to prevent:

- A. Polio
- B. AIDS
- C. Tetanus
- D. tuberculosis

Answer: B



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184. An example of a virus that dwells within the nucleus of a host cell is the virus that causes:

A. AIDS

B. Malaria

C. Measles

D. Strep throat

Answer: A



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185. Who discovered HIV , the causative agent of AIDS?

A. W.M. Stanley

B. Luc Montagnier

C. Stanley Prusiner

D. Lwoff and Gutman

Answer: B



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186. AIDS can be transmitted by

- A. embracing
- B. shaking hands
- C. courtship
- D. all of these

Answer: C



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187. AIDS is caused by:

- A. sexual intercourse
- B. blood transfusion
- C. placental transfusion

D. all of these

Answer: D



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188. The cell in the human body invaded by the Human Immunodeficiency Virus (HIV) is:

A. B-cell

B. Macrophage

C. Erythrocyte

D. T-helper cell

Answer: D



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189. AIDS is due to:

- A. autoimmunity
- B. lack of interferons
- C. destruction of killer T-cells
- D. destruction of helper T-cells

Answer: D



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190. HIV decreases natural immunity of the body by:

- A. destroying antibodies
- B. destroying erythrocytes
- C. attacking T-lymphocytes
- D. attacking B-lymphocytes

Answer: C



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191. AIDS is transmitted:

- A. sexually
- B. vertically
- C. parentally
- D. all of these

Answer: D



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192. HIV in AIDS affects:

- A. B-cell

B. Thyroid gland

C. T_4 -lymphocytes

D. Cytotoxic T-cells

Answer: C



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193. 'Western Blot' test is conducted to detect:

A. Typhoid

B. AIDS

C. Malaria

D. TB (tuberculosis)

Answer: B



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194. The confirmatory test used to diagnose AIDS is:

- A. ESR
- B. PCR
- C. ELISA
- D. Western Blot

Answer: D



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195. Western Blot test the assay detects:

- A. WBCs
- B. RBCs
- C. Antigens
- D. Antibodies

Answer: D



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196. The AIDS test is known as:

- A. ELISA
- B. Australian antigen
- C. HIV test
- D. None of the above

Answer: A



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197. Expand ELISA

- A. Enzyme Linked Immuno Sorbent Assay

B. Enzyme Linked Ion Sorbent Assay

C. Enzyme Linked Inductive Assay

D. None of the above

Answer: A



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198. ELISA test is done for the diagnosis of:

A. HIV

B. Malaria

C. Anthrax

D. Hepatitis

Answer: A



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

- A. Rnase
- B. Catalase
- C. DNA probe
- D. Alkaline phosphatase

Answer: D



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200. ELISA is used to detect viruses, where

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

Answer: D



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201. 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



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202. AIDS is caused by HIV that principally infects

- A. Leucosytes

B. Thrombocytes

C. B-lymphocytes

D. Helper T-lymphocytes

Answer: D



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203. In AIDS which of these cells are most affected ?

A. B-cells

B. T-cells

C. Mosocytes

D. Neutrophils

Answer: B



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204. 'AIDS day" is celebrated on:

- A. 5th June
- B. 1st October
- C. 11th July
- D. 1st December

Answer: D



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205. Hydrophobia (rabies) is a disease caused by:

- A. nematode
- B. virus
- C. protozoan
- D. helminth

Answer: B



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206. Which of the following diseases in man causes 'fear of water' ?

A. Rabies

B. Mumps

C. Influenza

D. Trachoma

Answer: A



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207. Which of the following is an example of zoonotic disease of animals that is transmitted to man?

- A. Rabies
- B. Leprosy
- C. Measles
- D. Trachoma

Answer: A

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208. Reservoir of rabies is:

- A. cats
- B. pigs
- C. dogs
- D. horses

Answer: C

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209. A disease caused by one of the smallest virus is:

- A. trachoma
- B. poliomyelitis
- C. mumps
- D. measles

Answer: B



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210. Polio' is caused by

- A. virus with single stranded DNA
- B. virus with single stranded RNA
- C. virus with double stranded DNA

D. virus with double stranded RNA

Answer: B



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211. Polio virus enters through:

- A. food and water
- B. respiratory tract
- C. urinogenital tract
- D. inoculation by mosquito

Answer: A



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212. The region in the body where the polio virus multiplies:

- A. muscle cells
- B. nerve cells
- C. intestinal cells
- D. none of these

Answer: C

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213. In polio, the legs get paralyzed and atrophied due to:

- A. shrinkage of muscles
- B. obstruction of muscles
- C. death of some muscles
- D. degeneration fo bones

Answer: C

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

A. Polio

B. Leprosy

C. Arthritis

D. Horner's syndrome

Answer: A



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215. Polio causes:

A. malaria

B. mumps

C. measles

D. paralysis

Answer: D



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216. Polio immunizing vaccine was developed by:

A. St. Hale

B. Jonas Salk

C. Landsteiner

D. Edward Jenner

Answer: B



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217. Salk vaccine is used to protect from:

- A. polio
- B. mumps
- C. typhoid
- D. tuberculosis

Answer: A

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218. Pulse-Polio programme is organised in our country

- A. Curing polio
- B. Spreading polio
- C. Eradicating polio
- D. None of these

Answer: C

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219. Which of the following pair is correctly matched?

A. Kala-azar - Trypanosoma

B. Filariasis - Leishmania

C. Sleeping sickness - Plasmodium

D. Creutzfeldt Jakob disease - Bovine Spongiform Virus

Answer: D



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220. One of the following diseases is a communicable:

A. cancer

B. rickets

C. diabetes

D. amoebiasis

Answer: D



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221. Amoebiasis is caused by:

- A. Plasmodium vivax
- B. Entamoeba gingivalis
- C. Entamoeba histolytica
- D. Trypanosoma gambiense

Answer: C



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222. Entamoeba histolytica causes:

A. cholera

B. malaria

C. sleeping sickness

D. amoebic dysentery

Answer: D

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223. Entamoeba histolytica infection occurs through:

A. sweat

B. mosquito bite

C. bird droppings

D. contaminated food and water

Answer: D

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224. Infective stage of *Entamoeba histolytica* is

- A. Minuta form
- B. Binucleate cyst
- C. Sporozoite stage
- D. Tetranucleate cyst

Answer: D



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225. Trypanosomiasis is transmitted by:

- A. louse
- B. may fly
- C. tsetse fly

D. sand fly

Answer: C



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226. Trypanosoma brucei produces

A. trich

B. malaria

C. Kala-azar

D. sleeping sickness

Answer: D



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227. The carrier of Trypanosoma in man is:

A. house fly

B. tsetse fly

C. mosquito

D. honeybee

Answer: B



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228. Kala-azar is caused by:

A. Leishmania tropica

B. Trypanosoma cruzi

C. Leishmania donovani

D. Trypanosoma gambiense

Answer: C



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229. Vector for kala-azar is:

- A. louse
- B. sand fly
- C. bedbug
- D. house fly

Answer: B



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230. Sand fly (Phlebotomus) transmits the disease:

- A. malaria
- B. kala-azar
- C. typhoid

D. sleeping sickness

Answer: B



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231. Reservoir of kala-azar in India is:

A. dogs

B. rodents

C. monkeys

D. none of these

Answer: D



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232. Just as *Xenopsylla* is to *Yersinia pestis*, so is:

- A. Homo sapiens to Taenia solium
- B. Culex to plasmodium falciparum
- C. Phlebotomus to Leishmania donovani
- D. Glossina palpalis to Wuchereria bancrofti

Answer: C

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233. Which one of the following is not correctly matched?

- A. Culex pipiens - Filariasis
- B. Aedes aegypti - Yellow fever
- C. Anopheles culicifacies - Leishmaniasis
- D. Glossina palpalis - Sleeping sickness

Answer: C

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234. Which of the following is communicable disease?

- A. Malaria
- B. Diabetes
- C. Kwashiorkor
- D. Hypertension

Answer: A



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235. The disease which can arise again after one attack is:

- A. cholera
- B. tetanus
- C. malaria

D. none of these

Answer: C



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236. Malaria is transmitted by:

A. Female Culex

B. Female Aedes

C. Male Anopheles

D. Female Anopheles

Answer: D



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237. Select the incorrect pair:

A. Xenopsylla - Plague

B. Culex - Malaria

C. Pediculus - Typhus fever

D. Aedes - Yellow fever

Answer: B

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238. Malaria is a common disease caused by:

A. virion

B. helminth

C. bacterium

D. sporozoan

Answer: D

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239. Black water fever is caused by:

- A. Plasmodium vivax
- B. Plasmodium malariae
- C. Plasmodium ovale
- D. Plasmodium falciparum

Answer: D



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240. Cerebral malaria is caused by Plasmodium:

- A. ovale
- B. vivax
- C. falciparum

D. all of these

Answer: C



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241. When children play bare footed in pooted in pools of dirty water and flood water, they may suffer from disease like:

A. leptospirosis and bilharzia

B. bilharzia, infective hepatitis and diarrhoea

C. malaria, amoebic dysentery and leptospirosis

D. guinea worm infection, elephantiasis and amoebic dysentery

Answer: A



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242. Secondary host of *Taenia solium* is:

A. pig

B. cow

C. sheep

D. human

Answer: A



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243. *Taenia saginata* spreads by:

A. pig

B. cat

C. cow

D. dog

Answer: C



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244. Hydatid cyst is caused by:

- A. Trichinella
- B. Taenia solium
- C. Echinococcus
- D. Taenia saginata

Answer: C



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245. Infection of Ascaris usually occurs by

- A. tsetse fly

- B. mosquito bite
- C. imperfectly cooked pork
- D. contaminated food and water

Answer: D



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246. Which one is a vector for hookworm disease?

- A. Bugs
- B. Loa loa
- C. Rickettsia
- D. None of these

Answer: D



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247. A disease caused by nematode parasite:

- A. leprosy
- B. filariasis
- C. amoebiasis
- D. poliomyelitis

Answer: B



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248. Which one of the following is a correct match

- A. Encephalitis - *Culex vishnui*
- B. Filariasis - *Taenia solium*
- C. Malaria - *Phlebotomus* sp.
- D. Kala-azar - *Anopheles stephensi*

Answer: A



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249. Culex causes the disease:

- A. malaria
- B. filariasis
- C. yellow fever
- D. sleeping sickness

Answer: B



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250. The disease elephantiasis is caused by:

- A. House fly

B. Tsetse fly

C. Culex mosquito

D. Anopheles mosquito

Answer: C



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251. Microfilaria occurs in peripheral blood of human beings during

A. day time

B. night time

C. day and night time

D. none of these

Answer: B



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252. Filaria, malaria, dengue fever, sleeping sickness, yellow fever, etc., are transmitted by:

- A. insects
- B. bacteria
- C. houseflies
- D. mosquitoes

Answer: A



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253. Definite host for guineaworm is:

- A. Man
- B. Snail
- C. Cyclops
- D. Cyclops and man

Answer: A



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254. Pinworm is zoologically known as:

- A. *Taenia solium*
- B. *Ascaris lumbricoides*
- C. *Wuchereria bancrofti*
- D. *Enterobius vermicularis*

Answer: D



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255. Infection of *Enterobius* to man is by:

- A. piercing

B. inoculation

C. contamination

D. none of these

Answer: C



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256. Enterobiasis' disease is caused by

A. pinworm

B. hookworm

C. filaria worm

D. roundworm

Answer: A



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257. Diabetes is characterized by:

- A. hypoglycemia
- B. hyperglycemia
- C. hypercalcemia
- D. all of these

Answer: B



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258. Diabetes mellitus is due to lack of:

- A. ADH
- B. Insulin
- C. Glucagon
- D. Vasopressin

Answer: B



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259. Which of the following is correct?

- A. Diabetes - Sugar free
- B. Leukaemia - Skin cancer
- C. Heart attack - Radiation therapy
- D. Rheumatic fever - Defective pacemaker

Answer: A



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260. Which of the following is a non-communicable disease?

- A. Polio

B. Arthritis

C. Cholera

D. Chickenpox

Answer: B



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261. Still's disease affects:

A. joints

B. brain

C. spleen

D. spinal cord

Answer: A



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262. Arthritis is the disease of the inflammation of :

- A. liver
- B. bone
- C. joints
- D. brain

Answer: C



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263. Juvenile rheumatoid arthritis is also called:

- A. Still's disease
- B. Grave's disease
- C. Bright's disease
- D. Parkinson's disease

Answer: A



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264. Arthritis is characterized by:

- A. pain
- B. swelling
- C. stiffness
- D. all of these

Answer: D



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265. Rheumatoid arthritis is due to:

- A. inflammation of synovial membrane

B. accumulation of uric acid in joints

C. erosion of articular cartilage

D. all of the above

Answer: A



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266. The disease associated with an inborn error of uric acid metabolism is:

A. gout

B. rheumatoid arthritis

C. seronegative arthritis

D. ankylosing spondylitis

Answer: A



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267. Deposition of uric acid at the joints is:

- A. soteo-arthritis
- B. gout
- C. rheumatoid arthritis
- D. none of these

Answer: B



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268. Which of the following is not a disease of circulatory system?

- A. Diphtheria
- B. Atherosclerosis
- C. Angina pectoris
- D. Coronary thrombosis

Answer: A



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269. Which of the following leads to the risk of permanent heart damage?

- A. Scarlet fever
- B. Typhoid fever
- C. Malarial fever
- D. Rheumatic fever

Answer: D



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270. Pain in the chest due to insufficient oxygen being carried to the heart muscle is called:

A. hypertensive heart disease

B. rheumatic heart disease

C. angina pectoris

D. None of the above

Answer: C



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271. Coronary heart disease is due to

A. Streptococci bacteria

B. Inflammation of pericardium

C. Weakening of the heart valves

D. Insufficient blood supply to the heart muscles

Answer: D



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272. Myocardial infarction is the damage of:

- A. brain
- B. heart
- C. lungs
- D. kidneys

Answer: B



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273. What is the medical term for 'heart attack'?

- A. Myopia
- B. Myocarditis
- C. Angina pectoris

D. Myocardial infarction

Answer: D



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274. Myocardial infarction is common among the patients of:

A. hypertension

B. hyperlipidaemiasis

C. diabetes mellitus

D. all of these

Answer: D



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275. Hardening of the arteries due to deposition of cholesterol on arterial wall is termed as:

- A. cardiac arrest
- B. blood pressure
- C. arteriosclerosis
- D. rheumatic heart

Answer: C



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276. Atherosclerosis refers to the ailment of:

- A. liver
- B. lungs
- C. kidney
- D. blood vessel

Answer: D



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277. CAD stands for:

- A. Coronary Artery Disease
- B. Calcium Activated Disease
- C. Carotid Arteriall Dysfunction
- D. Cerebral Artery Dysfunction

Answer: A



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278. Cyanosis results in:

- A. a bluish colouration of the skin and mucous membranes

B. yellow colouration of blood and urine

C. reddish colouration of the body

D. None of the above

Answer: A



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279. Cyanosis can be commonly noticed in:

A. lips

B. toe nails

C. finfer nails

D. all of these

Answer: D



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280. Which of the following is usually caused by a motor vehicle accident, sports accident, fall or gunshot wounds?

- A. Gout
- B. Cancer
- C. Paraplegia
- D. Arthritis

Answer: C



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281. Paraplegia is paralysis of:

- A. body
- B. one limb
- C. upper limb
- D. lower limb

Answer: D



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282. Irrational fear of disease is called:

- A. myophobia
- B. pathophobia
- C. algophobia
- D. haematophobia

Answer: B



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283. Lathyrism which is caused by consumption of kesri dal is a disease characterized by:

- A. gross skeletal deformation, stiffness and paralysis of legs
- B. mental retardation, delay in the onset of puberty and cardiovascular abnormalities
- C. reproductive failure, susceptibility to diabetes mellitus and skeletal abnormalities
- D. retardation of body growth, precocious puberty and renal dysfunction

Answer: A

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284. Cancer is:

- A. unrestrained division of cells
- B. controlled division of cells
- C. non-malignant tumour

D. microbial infection

Answer: A



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285. Cancer can be defined as:

A. hyperplastic growth infiltration and destruction of tissues

B. non-malignant epithelial outgrowth

C. repair of damaged parts

D. metabolic disorder

Answer: A



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286. Cancer is caused by:

- A. rupturing of cells
- B. uncontrolled meiosis
- C. uncontrolled mitosis
- D. loss of immunity of the cells

Answer: C

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287. Cell division or mitosis is normal process in a living cell, but sudden and abnormal mitosis in an will frequently result in:

- A. zygote
- B. cancer
- C. new organ
- D. gastrula

Answer: B

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288. Which of the industrial processes identified by World Health Organization (WHO) can cause cancer in humans?

- A. Isopropyl alcohol manufacturing
- B. Rubber and furniture industry
- C. Haematite mining
- D. All of the above

Answer: D

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289. Which type of cancer is found in lymph nodes and spleen

- A. Sarcoma
- B. Carcinoma

C. Adenoma

D. Leukaemia

Answer: A



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290. Sarcoma is the cancer of:

A. blood

B. epithelial tissue

C. connective tissue

D. endodermal tissue

Answer: C



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291. Breast cancer is an example of:

- A. sarcoma
- B. adenoma
- C. carcinoma
- D. lymphoma

Answer: C



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292. Carcinoma is a cancer of:

- A. lymphocytes
- B. erythrocytes
- C. connective tissue
- D. ectoderm and endoderm

Answer: D



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293. Carcinoma refers to:

- A. malignant tumours of the colon
- B. benign tumours of the connective tissue
- C. malignant tumours of the connective tissue
- D. malignant tumours of the skin or mucous membrane

Answer: D



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294. Which of the following is an example of carcinoma?

- A. Cancer of blood

B. Cancer of muscle

C. Cancer of lymph gland

D. Melanoma cancer of skin

Answer: D



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295. Adenoma refers to the cancer of:

A. glands

B. blood

C. muscles

D. lymph nodes

Answer: A



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296. Blood cancer is called:

- A. thrombosis
- B. leukaemia
- C. haemolysis
- D. haemophilia

Answer: B



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297. Which of the following is a type of cancer?

- A. Leukaemia
- B. Emphysema
- C. Thrombosis
- D. Angina pectoris

Answer: A



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298. Leukaemia is due to:

- A. excess of RBC
- B. excess of WBC
- C. platelets
- D. all of these

Answer: B



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299. The cells affected by leukaemia are:

- A. leucocytes

B. plasma cells

C. erythrocytes

D. thrombocytes

Answer: A



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300. An example of liquid tumour is:

A. Glioblastoma

B. Chondrosarcoma

C. Adenocarcinoma

D. Myelocytic leukaemia

Answer: D



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301. The genes concerned with the production of cancer are called

- A. oncogenes
- B. cancer genes
- C. tumour genes
- D. regulator genes

Answer: A



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302. Oncology is the study of:

- A. dead cells
- B. living cells
- C. cancer cells
- D. dividing cells

Answer: C



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303. Lung cancer is caused by:

- A. asbestos
- B. cement factory
- C. bauxite mining
- D. calcium fluoride

Answer: A



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304. Cancer treatment includes:

- A. surgery

B. radiotherapy

C. treatment with anticancer drugs

D. all of the above

Answer: D



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305. The most common type of cancer in man is:

A. skin cancer

B. lung cancer

C. cancer of prostate

D. cancer of bladder

Answer: B



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306. Which of the following is a cancer causing agent?

- A. Tobacco
- B. Smoking
- C. Radiation
- D. All of these

Answer: D



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307. The process of spreading the cancerous cells to distant site is known as

- A. metastasis
- B. metachrosis
- C. metagenesis
- D. metamorphosis

Answer: A



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308. Metastasis is associated with:

- A. benign tumours
- B. grown gall tumour
- C. malignant tumours
- D. both malignant and benign tumours

Answer: C



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309. Which one of the following is an anticancer drug?

- A. Flagyl

B. Aspirin

C. Vincristine

D. Streptomycin

Answer: C



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310. Burkitt's lymphoma, a cancer of lymph tissue common in tropical regions of Africa and New Guinea, is caused by:

A. Herpes Simplex II

B. Epstein-Barr Virus

C. Rous Sarcoma Virus

D. Murine Sarcoma Virus

Answer: B



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311. Alteration of which genes leads to cancer

- A. Cell proliferation gene (proto-oncogenes)
- B. Tumour suppressor gene
- C. Tumour virus gene
- D. all of the above

Answer: A



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312. Oncogenes were discovered by

- A. F.P. Rous
- B. A. Fleming
- C. S.B. Prusiner
- D. J.M. Bishop and H.E. Varmus

Answer: D



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313. All are oncogenic viruses except:

- A. EB Virus
- B. Reo Virus
- C. Retro Virus
- D. Human Papilloma Virus

Answer: B



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314. Which of the following is an oncogenic virus?

- A. Papilloma

B. Epstein-Barr

C. Herpes Simplex II

D. All of these

Answer: D



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315. Neoplasm is a medical term for:

A. malignant tumour

B. benign tumour

C. both of these

D. none of these

Answer: C



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316. The diagnosis of cancer is usually done by:

- A. X-ray
- B. Biopsy
- C. Microscopic examination of body fluids
- D. Any of the above

Answer: D



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317. Which of the following plants is the source of anticancer drugs?

- A. *Catharanthus roseus*
- B. *Cinchona officinalis*
- C. *Cinnamomum camphora*
- D. *Chrysanthemum cinerarifolium*

Answer: A



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318. Neoplasm is:

- A. cytoplasm
- B. protoplasm
- C. sarcoplasm
- D. none of these

Answer: D



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319. Which disease is caused by activation of oncogenes?

- A. Cancer

B. Cholera

C. Virus flu

D. Tuberculosis

Answer: A



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320. One of the faster and less expensive procedures for preliminary screening of potential carcinogens include.....test.

A. Biuret

B. Dick

C. Ames

D. ELISA

Answer: C



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321. Oncogene is another name for:

- A. inducer gene
- B. jumping gene
- C. structural gene
- D. cancer causing gene

Answer: D



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322. The treatment of cancer with X-rays or γ -rays is called:

- A. radiation therapy
- B. chemotherapy
- C. immunotherapy
- D. hormone therapy

Answer: A



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323. Radiotherapy is used for:

- A. detecting bone fracture
- B. detecting cardiac trouble
- C. getting whole body's photograph
- D. treating cancer by controlled exposure of X-rays

Answer: D



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

- A. non-dividing
- B. starved of mutation
- C. different in structure
- D. undergoing rapid division

Answer: D

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

- A. I_{131}
- B. U_{258}
- C. Ra_{224}
- D. C_{14}

Answer: A

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326. Proliferation of cancer cells is not limited because of:

- A. aberrant chromosomal complement
- B. differing surface proteins
- C. differing cholesterol level
- D. None of the above

Answer: D



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327. Hodgkin's disease is an example of:

- A. osteoma
- B. carcinoma
- C. lymphoma

D. leukaemia

Answer: C



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328. Continued exposure to Vinyl Chloride Molecule (VCM) may cause cancer of the :

A. liver

B. spleen

C. vagina

D. prostate gland

Answer: A



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329. Which of the following is not an inherited disease?

- A. Skin cancer
- B. Thalassemia
- C. Cystic fibrosis
- D. Haemophilia

Answer: A



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330. Cancer cells are characterized by

- A. spreading to other body parts
- B. invading of local tissue
- C. uncontrolled growth
- D. all of the above

Answer: D



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331. Co^{30} is used for the treatment of:

A. Cancer

B. Thyroid

C. AIDS

D. Hepatitis

Answer: A



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332. Benign tumour is the one which

A. shows metastasis

- B. differentiated and capsulated
- C. differentiated and non-capsulated
- D. undifferentiated and non-capsulated

Answer: B



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333. Assertion (A) : Cancer cells are virtually immortal until the body in which they reside dies.

Reason (R): Cancer is caused by damage to genes regulating the cell they division cycle.

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)
- B. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- C. (A) is true but (R) is false
- D. Both (A) and (R) are false

Answer: B



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334. Cancer cells are:

- A. HeLa cells
- B. CD_4 cell
- C. Plasma cell
- D. Memory cell

Answer: A



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335. HeLa cells used in cell biology are:

- A. cancerous cells grown in cancer research laboratory

B. cervical cancer cell derivatives

C. both (a) and (b)

D. None of the above

Answer: C



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336. Cells obtained from cancerous tumours are known as:

A. myelomas

B. hybridomas

C. polyclonal cells

D. monoclonal cells

Answer: A



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337. Identify the wrong statements

A. The tumor of haematopoetic cells is called leukemia

B. Cancer arising from the epithelial tissues of internal organs and glands is referred as melanoma

C. Sarcoma is a type of cancer where bone and cartilages are involved

D. Only benign tumors are called as true cancer or neoplasm

A. 1 and 2 only

B. 2 and 3 only

C. 3 and 4 only

D. 1 and 3 only

Answer: C



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338. It causes cancer of vagina

- A. Aflatoxin
- B. Vinyl chloride
- C. Cadmium oxide
- D. Diethylstilbestrol

Answer: D

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339. Cancer of cervix is caused by:

- A. Pep pills
- B. Fatty diet
- C. Epstein-Barr Virus
- D. Human Papilloma Virus

Answer: D

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340. Pancoat's syndrome is associated with:

- A. neophobia
- B. neophrenia
- C. neoplasm
- D. neophelium

Answer: C



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341. Assertion (A) : The phenomenon where tumour cells detach and migrate to other parts of the body where they give rise to secondary tumours is called metastasis.

Reason(R): A bnormal antigens on the surface of cell and unusual member of chromosomes cause metastasis.

The correct answer is:

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)
- B. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- C. (A) is true but (R) is false
- D. Both (A) and (R) are false

Answer: A

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342. Match List I (inheritable disease) with List II (symptoms) and select correct answer using the codes given ahead:

List-I
(Inheritable disease)

List-II
(Symptoms)

A Achondroplasia

1 Blood coagulation delayed due to absence of factor X

B Cystinuria

2 Dwarfness due to short limb bones, head is normal

C Epilepsy

3 Periodic convulsions and unconsciousness

D Christmas disease

4 Renal stone formation due to excessive excretion of calcium

A. A=1, B=2, C=3, D=4

B. A=2, B=4, C=3, D=1

C. A=4, B=3, C=2, D=1

D. A=3, B=4, C=1, D=2

Answer: B



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343. Match the abnormalities given under Column I with the symptoms listed under Column II. Choose the answer which gives the correct combination of alphabets of the two columns.

Column-I
(Abnormalities)

A Hemiplegia

B Cerebral thrombosis

C Epilepsy

D Aphasia

Column-II
(Symptoms)

P Formation of internal blood clot

q Sudden insensibility accompanies by seizures

r Speech defect

s Loss of function of one half of body

t Inability to recognize objects

A. A=t, B=s, C=q, D=p

B. A=q, B=r, C=s, D=t

C. A=t, B=s, C=p, D=q

D. A=s, B=p, C=q, D=r

Answer: D

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344. Match the names of diseases listed under Column I with the meaning given under Column II. Choose the answer which gives the correct combination of alphabets of the two column:

Column-I (Names of disease)	Column-II (Meaning)
<i>A</i> Jaundice	<i>p</i> Allergic inflammation of nose
<i>B</i> Stenosis	<i>q</i> Loss of moter functions
<i>C</i> Rhinitis	<i>r</i> Heart valve defect
<i>D</i> Paralysis	<i>s</i> Increase in bile pigments in the blood
	<i>t</i> Septal defect in heart

A. A=q, B=t, C=r, D=p

B. A=s, B=p, C=q, D=r

C. A=s, B=r, C=p, D=q

D. A=s, B=t, C=p, D=q

Answer: C



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345. A flatoxin is produced by a:

- A. virus
- B. fungus
- C. bacterium
- D. nematode

Answer: B



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346. Black lung disease is common in:

- A. coal miners

B. refinery workers

C. petrochemical industry

D. farmers

Answer: A



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347. Melanuria is caused by the abnormal catabolism of:

A. proline

B. alanine

C. tyrosine

D. tryptophan

Answer: C



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348. Column A represent diseases and Column B represent their symptoms, which of the following pairs are correct match for them?

Column-A

Column-B

A Asthma

p Recurring of bronchitis

B Emphysema

q Accumulation of WBCs in alveolus

C Pneumonia

r Allergy

A. A-r, B=p, C=q

B. A=q, B=p, C=r

C. A=r, B=q, C=p

D. A=q, B=r, C=p

Answer: A



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349. Column I some disorders associated with brain. Column II the causes for these disorders. Match the two column and identify the correct

option from those given:

Column-I

A Epilepsy

B Alzheimer's disease

C Parkinson's disease

D Huntington's chorea

Column-II

p Degeneration of neurons in the cerebral cortex

q Irregular electrical discharge in the neurons

r Decreased production of acetylcholine

s Regeneration of dopamine releasing neurons

t Formation of blood dots in the brain

A. A=t, B=s, C=r, D=p

B. A=q, B=r, C=p, D=s

C. A=q, B=r, C=s, D=p

D. A=q, B=s, C=r, D=p

Answer: C



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350. Out of the given following disease, which disease results due to disorder in lysosomes?

A. Arthriti joints

B. Hurler's syndrome

C. Tay Sach's disease

D. All of these

Answer: C



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351. Bacterium, which is concerned with pertussis is:

A. Bacillus

B. Bordetella

C. Diplococcus

D. Mycobacterium

Answer: B



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352. A sexually transmitted disease symptomised by the development of chancre on the genitals is caused by the infection of

- A. Hepatitis B virus
- B. *Treponema pallidum*
- C. *Neisseria gonorrhoea*
- D. Human immunodeficiency virus

Answer: B



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353. Hepatitis B is also called:

- A. serum jaundice
- B. epidemic jaundice
- C. catarrhal jaundice
- D. none of these

Answer: A



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354. People recovering from long illness are often advised to include the alga Spiruline in their diet because it:

- A. is rich in proteins
- B. has antibiotic properties
- C. makes the food easy to digest
- D. restore the intestinal microflora

Answer: A



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355. To which category multiple sclerosis belong?

A. immunodeficiency diseases

B. auto-immune diseases

C. hypersensitivity

D. all of the above

Answer: B



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356. Choose the wrong statement

A. HIV virus has RNA as its genetic material

B. HIV virus replicates in T - lymphocytes

C. Anti-retroviral drugs are only partially effective for AIDS treatment

D. The time-lag between the infection and appearance of AIDS symptom may vary from few hours to a week

Answer: D



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357. To confirm ELISA for AIDS we used

- A. Western blotting
- B. Eastern blotting
- C. Northern blotting
- D. Southern blotting

Answer: A



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358. AZT is the treatment of:

- A. TB
- B. AIDS
- C. Malaria

D. Kala-azar

Answer: B



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359. Study of the following:

- A. The cells of malignant tumours divide erratically.
- B. They are malignant tumours of epithelial cells.
- C. They are malignant tumours of organs that originate from mesoderm.
- D. These tumours are found in organs such as spleen and lymph nodes.

Which of the above are true for angiosarcoma?

- A. A and B
- B. B and D
- C. A and C
- D. B and C

Answer: C



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360. The cancer of the epithelial cells is called:

- A. lipoma
- B. sarcoma
- C. leukaemia
- D. carcinoma

Answer: D



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361. The secondary metabolite vinblastine is obtained from:

- A. *Allium cepa*
- B. *Riccia fluitans*
- C. *Catharanthus roseus*

D. Hibiscus rosa-sinensis

Answer: C



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362. The tests that are used in the diagnosis of AIDS are:

- A. ELISA and immuno blot
- B. Northern blot and ELISA
- C. ELISA and southern blot
- D. Western blot and ELISA

Answer: D



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363. Choose the wrong statement regarding AIDS:

A. AIDS is an immunodeficiency disease

B. It is caused by a retrovirus, HIV

C. HIV selectively infects and kills B-lymphocytes

D. Retroviruses have RNA genomes that replicate via DNA intermediate

Answer: C



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364. The athlete's foot disease in humans is caused due to:

A. bacteria

B. fungi

C. virus

D. none of these

Answer: B



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365. The most commonly used marker enzyme in clinical diagnosis of prostate cancer is:

- A. amylase
- B. alkaline phosphatase
- C. γ -GTP ase
- D. acid phosphatase

Answer: D



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366. Which of the following causes prostate cancer?

- A. Chromium
- B. Cadmium oxide

C. Vinyl chloride

D. Aflatoxins

Answer: B



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367. A person is suffering from frequent episodes of nasal discharge, nasal congestion, reddening of eyes and watery eyes. These are the symptoms of

A. rhinitis

B. bronchial carcinoma

C. cyanosis

D. bronchitis

Answer: A



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368. Which one of these diseases in animals is caused by *Babesia bigemina*

- A. Canker
- B. Anthrax
- C. Diarrhoea
- D. Tick fever

Answer: D



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369. Match column I with column II and choose the correct answer:

Column-I

A Neoplasm

B Benign tumour

C Carcinomas

D Sarcomas

E Lymphomas

Column-II

1. Haematopoietic cell tumours

2. Bone, cartilage tissue cancers

3. Malignant tumour

4. Cancer of epithelial tissues

5. Non-cancerous tumour

6. Initiation of new tumours

A. $A=3, B=5, C=4, D=2, E=1$

B. $A=3, B=5, C=4, D=1, E=2$

C. $A=6, B=3, C=4, D=2, E=1$

D. $A=6, B=4, C=3, D=2, E=1$

Answer: A

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370. Which one of the following statements is correct ?

A. Heroin accelerates body functions

B. Malignant tumours may exhibit metastasis

C. Benign tumours show the property of metastasis

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

Answer: B



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

- A. Ringworm, AIDS
- B. Common cold, AIDS
- C. Typhoid, Tuberculosis
- D. Dysentery, Common cold

Answer: B



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372. Ringworm in humans is caused by:

- A. Fungi
- B. Viruses
- C. Bacteria

D. Nematodes

Answer: A



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373. 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. Drug addicts are least susceptible to HIV infection
- C. AIDS patients are being fully cured cent per cent with proper care and nutrition
- D. The causative HIV retrovirus enters helper-T-lymphocytes thus reducing their numbers

Answer: D



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374. The process by which a new structure is formed in the tissue of the host during parasitic infection:

- A. hyperplasia
- B. neoplasin
- C. hypertrophy
- D. gigantism

Answer: B



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375. Japanese encephalitis is transmitted by

- A. house fly
- B. Tsetse fly

C. sand fly

D. mosquito

Answer: D



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376. Sometimes parasites themselves are parasitised by other organism such parasites known as

A. parasitoids

B. hyperparasitism

C. monoxenous parasitism

D. poyxenous parasitism

Answer: B



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377. Which one of the following pairs of diseases is viral as well as transmitted by mosquitoes ?

- A. Yellow fever and dengue
- B. Elephantiasis and dengue
- C. Yellow fever and sleeping sickness
- D. Encephalitis and sleeping sickness

Answer: A



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378. Progressive degeneration of skeletal muscle mostly due to genetic disorder occurs in:

- A. tetany
- B. arthritis
- C. osteoporosis

D. muscular dystrophy

Answer: D



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379. Identify the wrongly matched pair:

A. Typhoid - Widal test

B. Plague - Viral disease

C. Common cold - Rhinovirus

D. Trychophyton - Ringworm

Answer: B



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380. The inner core of HIV is made of the protein:

- A. GP 120
- B. GP 41
- C. P 24
- D. All of these

Answer: C

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381. Which of the following is a non-communicable disease

- A. Influenza
- B. Filariasis
- C. Cholera
- D. Diabetes mellitus

Answer: D

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

- A. MRI
- B. ELISA
- C. WIDAL
- D. Ultrasound

Answer: B



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383. ELISA assay:

- A. Requires red blood cells
- B. Uses complement mediated cell lysis

C. Uses a radio labelled second antibody

D. Involves addition of substrate which is converted into coloured end product

Answer: D



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

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

Answer: D

385. Match the causative organisms with their diseases:

Column-I

A Haemophilus influenzae

B Entamoeba histolytica

C Plasmodium falciparum

D Wuchereria bancrofti

E Salmonella typhi

Column-II

1. Malignant malaria

2. Elephantiasis

3. Pneumonia

4. Typhoid

5. Amoebiasis

A. A=3, B=1, C=4, D=5, E=3

B. A=3, B=5, C=1, D=2, E=4

C. A=5, B=1, C=3, D=2, E=4

D. A=3, B=4, C=1, D=5, E=2

Answer: B

386. Flemming, Chain and Florey were awarded the Nobel Prize in 1945 for the discovery of

- A. HIV
- B. CT scan
- C. Staphylococcus
- D. Antibodies

Answer: C



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387. Koch's postulates are not applicable for:

- A. Fungi
- B. Viruses
- C. Protozoans
- D. All of these

Answer: B



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388. Sickly-cell anaemia is the result of.....mutation in the haemoglobin gene:

- A. point
- B. deletion
- C. frameshift
- D. none of these

Answer: A



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389. A cancer causing agent is known as:

- A. sarcoma
- B. carcinoma
- C. carcinogen
- D. metastasis

Answer: C

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390. Cancer is generally caused due to activation oftoand/or inactivation of

- A. oncogene, tumour suppressor gene, protooncogene
- B. tumour suppressor gene, oncogene, protooncogene
- C. oncogene, protooncogene, tumour suppressor gene
- D. proto oncogene, oncogene, tumour suppressor gene

Answer: D

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391. Read the following statement having two blanks (A) and (B): "A drug used for (A) patients is obtained from a species of the organism (B)."

The correct option for the two blanks is:

- A. Blank-A Blank-B
 AIDS Pseudomonas
- B. Blank-A Blank-B
 Heart Penicillium
- C. Blank-A Blank-B
 Organ-transplant Trichoderma
- D. Blank-A Blank-B
 Swine flu Monascus

Answer: C

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392. Common cold is not cured by antibiotics because it is:

- A. caused by a virus

- B. not an infectious disease
- C. caused by a Gram-positive bacterium
- D. caused by a Gram-negative bacterium

Answer: A

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393. Which one of the following options gives the correct matching of a disease with its causative organism and mode of infection?

- A. Malaria-Plasmodium vivax-Bite of male Anopheles mosquito
- B. Typhoid-Salmonella typhi-With inspired air
- C. Pneumonia-Streptococcus pneumoniae-Droplet infection
- D. Elephantiasis-Wuchereria bancrofti-With infected water and food

Answer: C

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394. The pathogen *Microsporum* responsible for ringworm disease in humans belongs to the same Kingdom of organisms as that of

- A. *Taenia*, a tapeworm
- B. *Rhizopus*, a mould
- C. *Ascaris*, a round worm
- D. *Wuchereria*, a filarial worm

Answer: B



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395. Increase in blood pressure is termed:

- A. hypertension
- B. hypotension
- C. hyperglycemia

D. hypochromia

Answer: A



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396. Asthma is characterised by

A. pain in lungs

B. damage in diaphragm

C. alveolar wall degradation

D. spasm in bronchial muscle

Answer: D



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397. Which of the following is a commonest bacterial disease?

A. T.B.

B. Rabies

C. Small pox

D. Influenza

Answer: A



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398. Black foot disease occurs due to:

A. Copper

B. Arsenic

C. Cadmium

D. Mercury

Answer: B



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399. Metastasis is:

- A. Spread of cancer cells to new sites
- B. Rapid division in cancer cells
- C. Regeneration of cancer cells
- D. All of the above

Answer: A



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400. Cancer cells are easily destroyed by radiation because they are:

- A. Starved
- B. Immature
- C. Rapidly dividing

D. Both (b) and (c)

Answer: D



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401. From which of the following plants vincristin and vinblastin, the compounds used in cancer therapy, are obtained?

A. *Catharanthus roseus*

B. *Withania somnifera*

C. *Rauwolfia serpentina*

D. *Atropa belladonna*

Answer: A



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402. People, who are at the high risk of getting HIV infection

- A. Individuals who require repeated blood transfusions
- B. Individuals who have multiple sexual partners
- C. Drug addicts who take drugs intravenously
- D. all of the above

Answer: D



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403. HIV progressively reduces the number of:

- A. Helper-T-lymphocytes
- B. T-lymphocytes
- C. B-lymphocytes
- D. None of these

Answer: A



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404. Ringworm, one of the most common infectious diseases in man, is caused by:

- A. Aedes
- B. Ascaris
- C. Trichophyton
- D. Wuchereria

Answer: C



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405. Common cold differs from pneumonia in, that

- A. Pneumonia is a communicable disease whereas the common cold is a nutritional deficiency disease
- B. Pneumonia can be prevented by a live attenuated bacterial vaccine whereas the common cold has no effective vaccine
- C. Pneumonia is caused by a virus while the common cold is caused by the bacterium *Haemophilus influenzae*
- D. Pneumonia pathogen infects alveoli whereas the common cold affects nose and respiratory passage but not the lungs

Answer: D

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406. 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 compete with normal cells for vital nutrients
- C. They divide in an uncontrolled manner
- D. They show contact inhibition

Answer: D



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407. Which of the following is not used for the treatment of cancer

- A. I^{131}
- B. Co^{60}
- C. Streptokinase
- D. Taxol

Answer: C



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408. The cancer arising in C cells of thyroid gland is called

- A. follicular cancer
- B. papillary cancer
- C. anaplastic cancer
- D. medullary cancer

Answer: D



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409. The sexually transmitted infection, that can affect both the male and female genitals and may damage the eyes of babies born of infected mothers is

- A. AIDS
- B. Syphilis
- C. Gonorrhoea

D. Hepatitis

Answer: C



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410. Following are few characters of a disorder in human body:

1. Inflammation of the mucous membrane of nasal passage.
2. Watery secretions by mucous glands.
3. Rise in body temperature.
4. Continuous sneezing.
5. Eye watering

Identify the disorder from the choices given below.

A. Rhinitis

B. Emphysema

C. Bronchial asthma

D. Bronchial carcinoma

Answer: A



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411. The appearance of chancre, rashes all over the body are the symptoms of:

A. Gonorrhoea

B. AIDS

C. Syphilis

D. Codon

Answer: C



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412. HIV is a retrovirus that attacks

- A. T-helper cells
- B. B-memory cells
- C. B-effector cells
- D. T-cytotoxic cells

Answer: A

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413. Disease which is always present at a low level in a given population or a region is termed as:

- A. pandemic
- B. endemic
- C. epidemic
- D. notifiable disease

Answer: B

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

- A. When the infected retro virus enters host cells
- B. Within 15 days of sexual contact with an infected person
- C. When the viral DNA is produced by reverse transcriptase
- D. When HIV damages large number of helper T-lymphocytes

Answer: D

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415. Which one of the following is incorrect about cancer cells?

- A. They are metastatic.
- B. They exhibit mass proliferation.

C. They exhibit the property of contact inhibition.

D. They are produced when cellular oncogenes of normal cells are activated.

Answer: C



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416. The pathogen *Haemophilus influenzae* is responsible for the disease:

A. plague

B. influenza

C. pneumonia

D. diphtheria

Answer: C



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

- A. Ebola virus
- B. Chikungunya
- C. Hepatitis B virus
- D. Human immunodeficiency virus

Answer: B



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418. Which of the following is not one of the prime health risks associated with greater UV radiation through the atmosphere due to depletion of stratospheric ozone?

- A. Damage to eyes
- B. Increased liver cancer

C. Increased skin cancer

D. Reduced Immune system

Answer: B



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419. Ringworms are caused by:

A. I. Wuchereria

B. II. Microsporum

C. III. Haemophilus

D. IV. Epidermophyton

Answer: C



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420. All of the following symptoms are found in jaundice except:

- A. abnormal secretion of pancreatic and gastric juices
- B. disorders of hepato-biliary system
- C. bile duct obstruction
- D. anaemia

Answer: A



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421. Match the pairs of diseases and pathogens:

Column-I

1. Malaria
2. Filariasis
3. Typhoid
4. Schistosomiasis

Column-II

- a. *Wuchereria bancrofti*
- b. Helminth
- c. *Plasmodium falciparum*
- d. *Salmonella typhi*

A. 1-c, 2-b, 3-a, 4-d

B. 1-d, 2-a, 3-b, 4-c

C. 1-a, 2-b, 3-c, 4-d

D. 1-c, 2-a, 3-d, 4-b

Answer: D



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

A. Syphilis

B. Influenza

C. Babesiosis

D. Blastomycosis

Answer: C



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423. Which of the following statements is not true for cancer cells in relation to mutations

- A. Mutations inactivate the cell control.
- B. Mutations destroy telomerase inhibitor.
- C. Mutations inhibit production of telomerase.
- D. Mutations in proto-oncogenes accelerate the cell cycle.

Answer: C



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

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

Answer: B



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425. Which of the following is correct regarding AIDS causative agent HIV

- A. HIV is unenveloped retrovirus.
- B. HIV does not escape but attacks the aquired immune response.
- C. HIV is enveloped virus containig one molecule of single-stranded RNA and one molecule of reverse transcriptase.
- D. HIV is enveloped virus that contains two identical molecules of single-stranded RNA and two molecules of reverse transcriptase.

Answer: D



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