



BIOLOGY

BOOKS - UNIVERSAL BOOK DEPOT 1960

BIOLOGY (HINGLISH)

COMMON HUMAN DISEASES

Common Human Diseases

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

- A. Human immunodeficiency virus
- B. Chikungunya virus

C. Ebola virus

D. Hepatitis B virus

Answer: B

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2. Which of the following is a communicable disease

A. Phenylketoneuria

B. Cancer

C. Rabies

D. Alkaptonuria

Answer: C



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3. Which of the following is a carrier of 'dengue fever'?

or

Dengue is transmitted by

A. Anopheles

B. Culex

C. Aedes

D. Musca

Answer: C



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4. Small pox' (Variola) disease is caused by

- A. Virus
- B. Bacterium
- C. Protozoan
- D. Mosquito

Answer: A



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5. Polio' is caused by

- A. A bacteriophage
- B. A virus with single strand RNA

C. A virus with single strand DNA

D. A virus with double strand DNA

Answer: B

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

A. Elephantiasis and Dengue

B. Yellow fever and sleeping sickness

C. Encephalitis and sleeping sickness

D. Yellow fever and Dengue

Answer: D



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7. Polio immunizing vaccine was developed by

A. E. Jenner

B. Dr. Salk

C. St. Hale

D. Landsteiner

Answer: B



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

- A. Bacterium
- B. Virus
- C. Protozoan
- D. Helminth

Answer: B

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9. following flow chart shows the mode of action of AIDS virus. Identify the labelled sequences A, B, C and D



A. A - Viral DNA introduced into cell, B - Viral RNA, C -
Viral RNA incorporates into host DNA, D - New viral
DNA produced

B. A - Viral RNA introduced into cell, B - Viral DNA, C -
Viral DNA incorporates into host DNA, D - New viral
RNA produced

C. A - Viral RNA Introduced into cell, B - Viral RNA, C -
Viral DNA incorporates into host DNA, D - New viral
DNA produced

D. A - Viral DNA introduced into cell, B - Viral DNA, C -
Viral DNA incorporates into host RNA, D - New viral
RNA produced

Answer: B



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

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

Answer: B



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11. T.O. Diener discovered a

- A. Free infectious RNA
- B. Free infectious DNA
- C. Infectious protein
- D. Bacteriophage

Answer: A



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12. Hepatitis B virus is a

- A. Hepadnavirus
- B. Variolavirus

C. Retrovirus

D. Picornavirus

Answer: A



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13. Chicken pox' is caused by

A. Adeno virus

B. Varicella virus

C. SV-40 virus

D. Bacteriophage T-2

Answer: B



14. 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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15. Dengue fever' is caused by

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

Answer: C



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16. Encephalitis' in man is a viral disease and is transmitted by

- A. Anopheles
- B. Culex
- C. Aedes
- D. Culex and Aedes

Answer: B



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17. Which of the following disease is now considered nearly eradicated from India

- A. Plague
- B. Kala azar
- C. Small pox
- D. Poliomyelitis

Answer: C

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18. Common cold is not cured by antibiotics because it is

- A. Caused by a Gram-negative bacterium

B. Not an infectious disease

C. Caused by a virus

D. Caused by a Gram-positive bacterium

Answer: C



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

or

Which one of the disease is not transmitted by house flies

A. Yellow fever

B. Typhoid

C. Syphilis

D. Tetanus

Answer: A



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20. Which virus, for the first time, was synthesised in the form of non-living crystals

A. Bacteriophage

B. Flu virus

C. Pox virus

D. Tobacco mosaic virus

Answer: D



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21. Choose the wrong statement

A. HIV virus has RNA as its genetic material

B. HIV virus replicates in T_H 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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22. *Aedes aegypti* is a vector of

- A. Both dengue and yellow fever
- B. Dengue fever
- C. Yellow fever
- D. Japanese encephalitis

Answer: A



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23. The carrier of virus causing human yellow fever is

A. Mosquito

B. Bug

C. Louse

D. Beetle

Answer: A



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24. Which of these is most infectious disease

A. Hepatitis-B

B. AIDS

C. Cough and cold

D. Malaria

Answer: A



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

The disease due to which maximum death in children occur
is

A. Typhoid

B. Measles/ influenza

C. Tetanus

D. Malaria

Answer: B

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26. Variola virus is called

A. Oncogenic virus

B. Small pox virus

C. Rabies virus

D. All

Answer: B

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27. The pathogen of bubonic plague is transmitted through the bite of

- A. *Pediculus humanis*
- B. *Glossina palpalis*
- C. *Aedes*
- D. *Xenopsylla cheopis*

Answer: D



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28. A kind of allergy is

A. Asthma

B. Yellow eyes

C. Typhoid

D. Mumps

Answer: A



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29. Mumps is a

A. Viral disease

B. Fungal disease

C. Bacterial disease

D. Protozoan disease

Answer: A



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30. A cell-coded protein that is formed in response to infection with most animal viruses is called

A. Antigen

B. Interferon

C. Histone

D. Antibody

Answer: B

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31. Pulse-Polio programme is organised in our country

- A. To cure polio
- B. To eradicate polio
- C. To spread polio
- D. None of these

Answer: B

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32. Which one of the following is a pair of viral disease

A. Tetanus and typhoid

B. Syphilis and AIDS

C. Whooping cough and sleeping sickness

D. Measles and rabies

Answer: D



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33. In human being retrovirus is considered as a cause of cancer because

A. In their genome oncogene is present

B. Their hereditary material made up of single standard

RNA

C. They have a gene for reverse transcriptase

D. In their genome there may be cellular proto
oncogene

Answer: D



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34. AIDS day is

A. June 1

B. May 1

C. December 1

D. December 20

Answer: C

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35. Leprosy' is caused by

A. Mycobatetium

B. Salmonella

C. Monocystis

D. TMV

Answer: A



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36. Cholera patient is administrated by 'saline drip' because

A. Na^+ ions are essential for the transport of substances across the membrane

B. Na^+ ions are helpful to conserving water in the body

C. Cl^- ions are helpful in the formation HCl for digestion

D. Cl^- ions is significant component of blood plasma

Answer: B



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37. Widal test is used for susceptibility of

A. Malaria

B. Cholera

C. Yellow fever

D. Typhoid

Answer: D



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38. Tuberculosis' is caused by

A. Bacterium

B. Virus

C. Protozoan

D. Malnutrition

Answer: A



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

A. A facultative aerobe

B. An obligate aerobe

C. A facultative anaerobe

D. An obligate anaerobe

Answer: D

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40. Symptoms of diphtheria is

A. Suffocation

B. Hydrophobia

C. Excessive watering

D. Gum bleeding

Answer: A

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

- A. Diarrhoea
- B. Milk fever
- C. Cow pox
- D. Anthrax

Answer: A

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42. *Vibrio cholerae* is a motile bacteria belonging to the group of

A. Monotrichous

B. Lophotrichous

C. Amphitrichous

D. Peritrichous

Answer: A



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43. The disease due to inflammation of vermiform appendix of the digestive system is known as

A. Amoebic dysentery

B. Appendicitis

C. Intestinal cancer

D. Appendectomy

Answer: B



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44. Plague is transmitted by

A. House fly

B. Tse-tse fly

C. Rat flea

D. Mosquito

Answer: C



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45. Tetanus disease is caused by

A. Virus

B. Bacteria


C. Fungi

D. Mycoplasma

Answer: B



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46. Match the following bacteria with the diseases and choose the correct option 

A. $A - 1, B - 3, C - 2, D - 4$

B. $A - 3, B - 1, C - 2, D - 4$

C. $A - 1, B - 3, C - 1, D - 4$

D. $A - 4, B - 3, C - 1, D - 2$

Answer: B

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47. Which is a water-borne disease

A. Small pox

B. Malaria

C. Tuberculosis

D. Cholera

Answer: D

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48. Which one of the following option gives the correct matching of a disease with its causative organism and mode of infection

A.

	Disease	Causative Organisms	Mode of infection
(a)	Elephantiasis	Wuchereria bancrofti	With infected water and food

	Disease	Causative	Mode of
		Organisms	Infection
B.	(b) malaria	Plasmodium	Bite of male
		vivax	Anopheles mosquito
	Disease	Causative	Mode of
		Organisms	Infection
C.	(c) Typhoid	Salmonella	With inspired air
		typhi	
	Disease	Causative	Mode of
		Organisms	Infection
D.	(c) Typhoid	Salmonella	With inspired air
		typhi	

Answer: D



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49. Pathogenicity of bacteria causing tuberculosis and leprosy is due to

A. Cholesterol

B. Ergosterol

C. Glycerol

D. Wax-D

Answer: D



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50. Lung tuberculosis is caused by

A. *Pseudomonas aeruginosa*

B. *Mycobacterium tuberculosis*

C. *Streptococcus pneumoniae*

D. *Escherichia coli*

Answer: B

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51. Which of the following contains bacterial diseases

- A. Cholera, typhoid, pneumonia, Diphtheria, leprosy,
- B. Malaria, AIDS, cholera, mumps
- C. Typhoid, tuberculosis, influenza, mumps
- D. Diabetes, malaria, syphilis, mumps

Answer: A

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52. 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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53. Diphtheria is caused by

A. Bacteria

B. Virus

C. Nematodes

D. None of these

Answer: A



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54. Biological name of insect (vector) carrying the plague

A. *Xenopsylla cheopis*

B. *Anopheles mosquito*

C. *Bacillus pestis*

D. Pediculus humanus

Answer: A

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55. Chancroid is a sexually transmitted disease caused by

A. Treponema

B. Haemophilus

C. Nisseria

D. Chlamydia

Answer: B

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56. Which of the following pairs is not correctly matched

A. Dengue fever- Arbovirus

B. Plague- Yersinia pestis

C. Syphilis- Trichuris trichiura

D. Sleeping sickness - Trypanosoma gambiense

Answer: C



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57. Black death' is related with

A. Plague

B. Cancer

C. Tuberculosis

D. Measles

Answer: A



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58. The main reason why antibiotics could not always treat the bacteria-mediated diseases is

A. Insensitivity of the individual following prolonged

Exposure to antibiotics

B. Inactivation of antibiotics with bacterial enzymes

C. Decreased efficiency of the immune system

D. The development of mutant strains resistant to antibiotics

Answer: D



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

A. Herpes and influenza

B. Cholera and tetanus

C. Typhoid and smallpox

D. Tetanus and mumps

Answer: B



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60. Which option is correct for the disease caused by protozoans

- A. Herpes simplex - itching in the genital or anal area
- B. Treponema pallidum - white patches on the tongue or roof of the buccal cavity
- C. Neisseria gonorrhoeae - pain during passing urine
- D. Trichomonas vaginalis - pain during passing urine

Answer: D



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61. Japanese encephalitis is transmitted by

A. House fly

B. Tse Tse fly

C. Sand fly

D. Mosquito

Answer: D



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62. Entamoeba gingivalis lives in the

- A. Instestine
- B. Colon
- C. Pus pockets of pyorrhoea
- D. Intestines and colon

Answer: C



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63. In amoebiasis, which of the following conditions occurs

- A. Mild diarrhoea with alternative constipation
- B. Stool with mucus

C. Stool with blood

D. All of these

Answer: D



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64. Mapacrine, chloroquine and pelludrine are used to cure which disease

A. Plague

B. Malaria

C. T.B.

D. Pneumonia

Answer: B

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

- A. Flies
- B. Kissing
- C. Using the same bowl
- D. Kissing and using the same bowl

Answer: D

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66. *Glossina palpalis*' is a vector of

A. Dengue

B. Filariasis

C. Gambian fever

D. Plague

Answer: C



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67. All the diseases are spread by housefly except

A. Leprosy

B. Dysentery

C. Typhoid

D. Sleeping sickness

Answer: D



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68. Haemozoin is a toxic substance formed in case of malaria. It is produced by

A. Globin protein of RBC

B. Colour pigment of RBC

C. Dead WBC

D. Cryptozoites

Answer: B



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69. Amoebiasis' (amoebic dysentery) is caused by

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

Answer: C



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70. Which of the following is the infective stage of the malarial parasite (Plasmodium)

or

The stage of plasmodium that contains rhoptries is

A. Gametocyte

B. Merozoite

C. Sporozoite

D. Trophozoite

Answer: C

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71. Which of the following set is of vectore host

A. Sand fly, deer fly, tse-tse fly, house fly

B. Frog, lizard, snake, rabbit

C. Leishmania, sand fly, Trypanosoma, tse-tse fly

D. Sand fly, frog, house fly

Answer: A

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72. Tse-tse fly is a vector for sleeping sickness which transmits the infective stage of which of the following parasite

A. *Leishmania donovani*

B. *Plasmodium falciparum*

C. Trypanosoma gambiense

D. Wuchereria bancrofti

Answer: C



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73. One of the following is an intracellular parasite of man

A. Ancylostoma

B. Plasmodium

C. Mosquito

D. Entamoeba

Answer: B



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74. Malaria' a common disease world wide is caused by a

A. Bacterium

B. Virion

C. Protozoa

D. Helminths

Answer: C



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75. Malaria is spread by

A. Male Culex

B. Female Culex

C. Male Anopheles

D. Female Anopheles

Answer: D



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76. Schuffener's dots are related to

A. R.B.C. of man

B. Leucocytes of frog

C. Epithelium of stomach of mosquito

D. *Entamoeba histolytica*

Answer: A

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77. Black water fever' is a very serious complication of

A. *P. ovale*

B. *P. falciparum*

C. *P. malariae*

D. *P. vivax*

Answer: B

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78. The secondary host of malaria parasite is

or

Plasmodium is inoculated in human by

- A. Male Culex
- B. Male anopheles
- C. Female culex
- D. Female anopheles

Answer: D



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79. Enteritis, a widespread disease in India and its infection occur by

- A. Viruses
- B. Mosquito bite
- C. Ingesting cysts with food and drinks
- D. None of the above

Answer: C

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80. Kala azar is caused and transmitted respectively by

- A. Leishmania and Phlebotomus

B. Trypanosoma and sand fly

C. Leishmania and tse-tse fly

D. Trypanosoma and Glossina palpalis

Answer: A



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81. Which of the following is not correctly matched

A. (a) *Aedes aegypti* – Yellow fever

B. (b) *Anopheles culifacies* – Leishmaniasis

C. (c) *Glossina palpalis* – Sleeping sickness

D. (d) *Culex pipiens* – Filariasis

Answer: B



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

- A. Salivary glands of freshly moulted female Anopheles mosquito
- B. Saliva of infected female Anopheles mosquito
- C. Red blood corpuscles of humans suffering from malaria
- D. Spleen of infected humans

Answer: B



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83. The fish used for control of malaria is

- A. Gambusia
- B. Rohu
- C. Both (a) and (b)
- D. None of these

Answer: A



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84. On which day, we celebrate 'Malaria Day'

A. 5th June

B. 15th August

C. 25th april

D. 20th September

Answer: C



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85. Incubation period in case of malarial parasite is

A. 10-11 days

B. 20 days

C. 5 days

D. 2 days

Answer: A



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86. Infection of *Entamoeba histolytica* can be checked by

A. Bathing before taking meals

B. Covering the food articles

C. Washing hands before taking meals

D. Washing the vegetables before their consumption

Answer: C



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87. Which of the following is a helminth namatods disease

A. Filaria

B. Filariasis

C. Polio

D. Diphtheria

Answer: B



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88. Filariasis is also called elephantiasis because

- A. Body part swell
- B. It is caused by elephant
- C. It is caused by Ascaris
- D. It is caused by Entamoeba

Answer: A

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89. Enterobiasis' disease is caused by

- A. Filaria worm
- B. Hook worm
- C. Pin worm

D. Round worm

Answer: C



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90. Which of the following insects transmits relapsing fever

A. Drosophila

B. Apis

C. Cimex

D. Gryllus

Answer: C



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91. Louse is ectoparasite of

A. Fish

B. Snake

C. Man

D. Whale

Answer: C



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92. Parasite which is vector host also is

A. House fly

B. Fasciola

C. Ascaris

D. Bug

Answer: D



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93. Rocky mountain fever is caused by

A. Virus

B. Fungi

C. Algae

D. Tick

Answer: D



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94. Filarial larva can be collected from man's

- A. Smears of intestinal contents
- B. Peripheral blood at midnight
- C. Smears of spleen
- D. Biopsy of liver

Answer: B



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95. filariasis is caused by

- A. Dead adult filariae
- B. Microfilariae
- C. Biting of filarial worm
- D. Presence of bacteria in filarial wall

Answer: B



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96. Infection of Ascaris usually occurs by

- A. Imperfectly cooked pork
- B. Tse-tse fly

C. Mosquito bite

D. Contaminated water and vegetables

Answer: D



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97. Filaria germ is a kind of

A. Bacteria

B. Helminthes

C. Mosquito

D. Protozoa

Answer: B



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98. Athlete's foot' disease is caused by

- A. *Taenia pedis*
- B. *Taenia capitata*
- C. *Candida albicans*
- D. *Rickettsia*

Answer: A



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99. Which of the following is a matching pair of the vector and the disease

- A. Culex-Filariasis
- B. Housefly-Yellow fever
- C. Body louse-Typhoid
- D. Sandfly-Plague

Answer: A



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100. Wuchereria bancrofti is transmitted by

- A. Sand fly

B. Tse-tse fly

C. Anopheles mosquito

D. Culex

Answer: D



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101. Filaria is transmitted by

A. Male anopheles

B. Male culex mosquito

C. Female anopheles

D. Female culex mosquito

Answer: D



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102. The study of worms which cause parasitic infestations in man is called

A. Helminthology

B. Herpetology

C. Ichthyology

D. Malacology

Answer: A



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103. Elephantiasis (Filariasis) in man is caused by

- A. *Ancylostoma duodenale*
- B. *Ascaris lumbricoides*
- C. *Dracunculus medinensis*
- D. *Wuchereria bancrofti*

Answer: D



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104. Which one of the following life cycle stage of *Wuchereria bancrofti* is infective to man

- A. *Microfilaria*

B. 1st stage larva

C. 2nd stage larva

D. 3rd stage larva

Answer: D



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105. In which disease does mosquito transmitted pathogen cause chronic inflammation of lymphatic vessels

A. Elephantiasis

B. Ascariasis

C. Ringworm disease

D. Amoebiasis

Answer: A



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106. Diabetes mellitus takes place only when

- A. α -cells of pancreas are in excess
- B. β -cells of pancreas are in excess
- C. α -cells of pancreas are in hypo
- D. β -cells of pancreas are in hypo

Answer: D



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107. Which one of the following can help in the diagnosis of genetical basis of a disorder

A. ELISA

B. ABO Blood group

C. PCR

D. NMR

Answer: C



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

A. Penicillin

B. Streptokinase

C. Cyclosporin-A

D. Statins

Answer: B



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109. The disease characterised by extreme muscular weakness and brownish pigmentation of buccal cavity and skin is

A. Cushing's syndrome

B. Addison's disease

C. Grave's disease

D. Myxoedema

Answer: B



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110. Nuerons of people suffering from diabetes insipidus do not secrete

A. Enzyme

B. Steroid

C. Fatty acid

D. ADH

Answer: D



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111. Alloxan treatment destroys

- A. STH cells
- B. Beta-cells of islets of Langerhans
- C. Cells of Sertoli
- D. Cells of Leydig

Answer: B



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112. Cause of 'Erythroblastosis foetlis' may be

A. Adjoining of RBC

B. Bleeding

C. Diapedesis

D. Haemophilia

Answer: 3



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113. A non-infectious unnatural and unusual reaction of a person to any substance or condition for which he is hypersensitive is termed as

A. Infection

B. Immunity

C. Allergy

D. Toxin

Answer: C



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114. Congenital diseases are those which

A. Occure during life time

B. Are deficiency diseases

C. Are present from time of birth

D. Are spread from man to man

Answer: C



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115. The disease as a result of prolonged clotting time is due to the lack of plasma thromboplastin component (PTC) necessary to the formation of thromboplastin, is

- A. Christmas disease
- B. Hypoprothrombinemia
- C. Hemophilia
- D. Stuart disease

Answer: A



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116. Examples of congenital disease are

- A. Alkaptonuria, albinism
- B. Albinism, sickle cell anaemia
- C. Haemophilia
- D. All the above

Answer: D



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117. Sickle cell anaemia is due to

- A. Deficiency of vitamin B

B. Deficiency of iron in the blood

C. A genetically determined defect of haemoglobin synthesis

D. Increase in the number of leucocytes in the blood

Answer: C



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118. The disease Erythroblastosis foetalis in human embryo is caused due to

A. Disadjustment of blood groups

B. Disadjustment of Rh factor

C. Both of these

D. None of these

Answer: B



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

A. Cholera, typhoid, pneumonia, Diphtheria, leprosy,

B. Diabetes mellitus

C. Influenza

D. Filariasis

Answer: B



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120. Heredity disease condition in which the blood fails to coagulate

- A. Sickle cell anemia
- B. Leukemia
- C. Haemophilia
- D. Alkaptonuria

Answer: C



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121. Coronary heart disease is due to

- A. Streptococci bacteria
- B. Inflammation of pericardium
- C. Weaking of the heart valves
- D. Insufficient blood supply to the heart muscles

Answer: D



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122. Blood cancer is excess production of leucocytes . It is

Or

Blood cancer is also known as

A. Leucopenia

B. Leucodermia

C. Leucocytosis

D. Leukemia

Answer: D



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

A. Hyperstasis

B. Metastasis

C. Parastasis

D. Parasitosis

Answer: B



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124. Which of the following is one of the direct cause of cancer

A. Obesity

B. Inadequate O_2 supply

C. Atherosclerosis

D. Hypertension

Answer: B

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125. Match column I with column II and choose the correction answer



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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126. Bones becomes fragile in

A. Gout

B. Osteoporosis

C. Arthritis

D. None of these

Answer: B



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127. Benign tumour is the one which

- A. Shows metastasis
- B. Differentiated and capsulated
- C. Undifferentiated and noncapsulated
- D. Differentiated and noncapsulated

Answer: B



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128. Cervical cancer can be caused by

A. Chlamydia sp.

B. Human papilloma virus

C. Herpes simplex virus

D. Neisseria gonorrhoeae

Answer: B



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

A. I^{131}

B. Co^{60}

C. Taxol

D. Streptokinase

Answer: D



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

A. Cancer genes

B. Carcino genes

C. Carcinomas

D. Oncogenes

Answer: D

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131. Cancer cells are characterized by

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

Answer: D

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132. Oncogenes were discovered by

A. S.B Prussiner

B. F.P Rous

C. A. Fleming

D. J.M. Bishop and H.E Verms

Answer: D



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133. Which is not cancer

A. Leukaemia

B. Glaucoma

C. Carcinoma

D. Sarcoma

Answer: B



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134. A metastatic cancerous tumour is termed 'sarcoma' if the disorder is in

A. Immune system

B. Epithelial cells

C. Fibroblasts

D. Circulatory system

Answer: C



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135. Which of the following will be curable in next two decades

- A. Cancer
- B. Poliomyelitis
- C. Tuberculosis
- D. None of these

Answer: A



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

A. Carcinoma

B. Sarcoma

C. Leukaemia

D. Lymphoma

Answer: D



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137. Alteration of which genes leads to cancer

A. Cell proliferation gene (proto-oncogenes)

B. Tumor suppressor gene

C. Tumor virus gene

D. All of these

Answer: A



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

A. Papillary cancer

B. Medullary cancer

C. Anaplastic cancer

D. Follicular cancer

Answer: B



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139. It causes cancer of vagina

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

Answer: B



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140. Identify the wrong statements

A. The tumor of haematopoietic 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. A and B only

B. B and C only

C. B and D only

D. A and C only

Answer: C



141. It is normally a rare cancer but became a marker for AIDS/HIV patients

- A. Squamous cell carcinoma
- B. Retinoblastoma
- C. Kaposi's sarcoma
- D. Leukaemia

Answer: C



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

- A. They compete with normal cells for vital nutrients
- B. They do not remain confined in the area of formation
- C. They divide in an uncontrolled manner
- D. They show contact inhibition

Answer: D



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143. Which one of the following is an oncogenic virus

- A. Human immunodeficiency virus type2

B. Vesicular stomatitis Indiana virus

C. Human herpesvirus 3

D. Epstein-Barr virus

Answer: D



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144. A person with sickle cell anaemia is

A. More prone to malaria

B. More prone to typhoid

C. Less prone to malaria

D. Less prone to typhoid

Answer: C



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145. Diseases are broadly grouped into infectious and non-infectious diseases. In the list given below, identify the infectious diseases

- A. (i) and (ii)
- B. (ii) and (iii)
- C. (iii) and (iv)
- D. (ii) and (iv)

Answer: D



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146. The sporozoites that cause infection, when a female Anopheles mosquito bites a person, are formed in

- A. Liver of the person
- B. RBCs of mosquito
- C. Salivary glands of mosquito
- D. Gut of mosquito

Answer: D



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147. The disease chikunguniya is transmitted by

- A. House fly
- B. Aedes mosquito
- C. Cockroach
- D. Female Anopheles

Answer: B

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148. Many diseases can be diagnosed by observing the symptoms in the patient. Which group of symptoms are indicative of pneumonia ?

- A. Difficulty In respiration, fever, chills, cough, headache
- B. Constipation, abdominal pain, cramps, blood clots

C. Nasal congestion and discharge, cough, constipation,
headache

D. High fever, weakness, stomach pain, loss of appetite
and constipation

Answer: A

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149. In malignant tumors, the cells proliferate, grow rapidly and move to other part of the body to form new tumors. Grow rapidly and move to other parts of the body to form new tumors. This stage of disease is called

A. Metagenesis

B. Metastasis

C. Teratogenesis

D. Mitosis

Answer: B



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150. Which of the following are the reason (s) for Rheumatoid arthritis ? Choose the correct option.

(i) The ability to differentiate pathogens or foreign molecules from self cells increases.

(ii) Body attacks self cells.

(iii) More antibodies are produced in the body.

(iv) The ability to differentiate pathogens or foreign molecules from self cells is lost.

- A. (i) and (ii)
- B. (ii) and (iv)
- C. (iii) and (iv)
- D. (i) and (iii)

Answer: B



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151. Haemozoin is a

- A. Precursor of haemoglobin

B. Toxin released from Streptococcus cells

C. Toxin released from Plasmodium infected cells

D. Toxin released from Haemophilus infected cells

Answer: C



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152. One of the following is not the causal organism for ringworm.

A. Microsporum

B. Trichophyton

C. Epidermophyton

D. Macrosporum

Answer: D

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153. Degenerative diseases are those which develop due to

- A. Malfunction of hormones
- B. Degeneration of tissues
- C. Malfunction of certain body organs
- D. Degeneration of the infected organs

Answer:

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154. Sickle cell anaemia is more common in South Africa.

This is due to

- A. Change in beta-chain of haemoglobin
- B. More population of house flies
- C. Change in alpha-chain of haemoglobin
- D. Change in gamma-chain of haemoglobin

Answer: A

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155. Match the column I, II and III 

A. (P - iv - y) (Q - iii - z) (R - ii - x) (S - I - w)

B. (P - iv - y) (Q - i - z) (R - ii - x) (S - iii - w)


C. (P - iv - x) (Q - i - w) (R - ii - y) (S - iii - z)

D. (P - i - z) (Q - ii - y) (R - iv - w) (S - iii - x)

Answer:



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156. The following diagram shows the human lymphatic system. Identify the labelled sequences A, B, C and D 

A. A - Lymph nodes (primary lymphoid organ), B - thymus (secondary lymphoid organ), C - spleen

(secondary lymphoid organ), D - bone marrow

(secondary lymphoid organ)

B. A - Lymph nodes (secondary lymphoid organ), B -

thymus (primary lymphoid organ), C - spleen

(secondary lymphoid organ), D - bone marrow

(primary lymphoid organ)

C. A - Lymph nodes (primary lymphoid organ), B -

thymus (secondary lymphoid organ), C - spleen

(primary lymphoid organ), D - bone marrow (primary

lymphoid organ)

D. A - Lymph nodes (primary lymphoid organ), B -

thymus (primary lymphoid organ), C - spleen

(secondary lymphoid organ), D - bone marrow

(secondary lymphoid organ)

Answer:



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157. Which one of the following is a correct match

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

Answer: B



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158. Asthama' is due to

- A. Infection of trachea
- B. Infection of lungs
- C. Bleeding into pleural cavity
- D. Spasm in bronchial muscles

Answer:



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159. Symptoms of oedema is

A. Swelling of body part especially the legs

B. Pain in the chest

C. Cold

D. Pain in the right leg

Answer:



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

A. Mutations in proto-oncogenes accelerate the cell cycle

B. Mutations destroy telomerase inhibitor

C. Mutations inactive the cell control

D. Mutations inhibit production of telomerase

Answer:



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161. Study the following lists  The correct match is

A. $A \quad B \quad C \quad D$
 $IV \quad I \quad II \quad III$

B. $A \quad B \quad C \quad D$
 $II \quad III \quad IV \quad V$

C. $A \quad B \quad C \quad D$
 $V \quad IV \quad III \quad II$

D. $A \quad B \quad C \quad D$
 $III \quad II \quad I \quad IV$

Answer:



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162. In sickle cell anaemia, the death is caused when the lethal genes are present in

- A. Heterozygous condition
- B. Homozygous dominant condition
- C. Homozygous recessive condition
- D. Co-dominant condition

Answer:



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163. If the IIIrd nerve is damaged, it will lead to

- A. Loss of accomodation
- B. Dilation of pupil
- C. Loss of ocular movements
- D. All of these

Answer:

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

A. Cyanosis

B. Bronchitis

C. Rhinitis

D. Bronchial carcinoma

Answer:



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165. Albino condition is found in which human race

A. All races

B. White race

C. Black race

D. Mongols

Answer:



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166. Which of the following statements is correct

- A. Tse-Tse fly spreads kala-azar
- B. Sand fly spreads sleeping sickness
- C. Trichonympha a symbiotic protozoan is found in the gut of termite
- D. Pediculus humanus corporis is an endoparasite

Answer:



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167. Which of the following organisms is known to form abscesses in human liver, lungs, brain etc.

- A. Entamoeba histolytica
- B. Monocystis
- C. Plasmodium
- D. Fasciola hepatica

Answer:



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168. Dreaming occurs in

- A. α - sleep
- B. REM sleep
- C. Deep sleep
- D. Slow wave sleep

Answer:

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169. Match the names of disease listed under column I when meaning given under column II, choose the answer

which gives the correct combination of the alphabets of the columns 

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:

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170. Identify the wrongly matched pair

A. (Typhoid – Widal test)

B. (Plague – Viral Disease)

C. (Malignant malaria – Plasmodium falciparum)

D. (Common Cold – Rhinovirus)

Answer:



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171. Which disease in children is caused by intensive use of nitrate fertilizer

A. Jaundice

B. Methemoglobinemia

C. Mumps

D. Septicemia

Answer:



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

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

Answer:



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173. Assertion : *Escherichia coli*, *Shigella* sp. And *salmonella* sp. Are all responsible for diarrhoeal diseases.

Reason : Dehydration is common to all types of diarrhoeal disease and adequate supply of fluids and electrolytes should be ensured.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: B

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174. Assertion: Cancer is contagious and cells can spread from one person to other.

Reason : Cancerous cells are highly differentiated cells.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: D



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175. Assertion : Surgery has been found highly effective in lung cancer.

Reason : Resection is possible after the thoracotomy.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: D



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176. Assertion: Intake of potato chips and french fries may induce cancer development.

Reason: On heating, their carbohydrate changes into a carcinogenic chemical called acrylamide.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: A



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

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

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: D

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178. Assertion: Adenoma is a sarcoma.

Reason: Adenoma is located in the adipose tissue.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: D

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179. Assertion: Epstein - Barr virus is an oncovirus.

Reason: It stimulates the growth of cancer.

A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion

B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.

C. If the assertion is true but the reason is false

D. If both the assertion and reason are false

Answer: A



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180. Assertion: Pork should be properly cooked to avoid Taenia infection.

Reason Pork of pig contains Hexacanth and cysticerci larvae.

- A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion
- B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.
- C. If the assertion is true but the reason is false
- D. If both the assertion and reason are false

Answer: C

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181. Assertion: Dye workers generally suffer from bladder cancer.

Reason: These are more exposed to a carcinogenic chemical benzpyrene.

- A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion
- B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.
- C. If the assertion is true but the reason is false
- D. If both the assertion and reason are false

Answer: C



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182. Assertion: There is no chance of transmission of malaria to a man on the bite of a male Anopheles mosquito.

Reason: It carries a non virulent strain of Plasmodium.

- A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion
- B. If both the assertion and reason are true but the reason is not correct explanation of the assertion.
- C. If the assertion is true but the reason is false
- D. If both the assertion and reason are false

Answer: B



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