



BIOLOGY

BOOKS - SHARAM PUBLICATION

BIOLOGY AND HUMAN WELFARE

Exercise

1. Which one is the milk sugar?

A. Lactose

B. galactose

C. glucose

D. sucrose

Answer:



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2. Which one is the milk protein?

A. Renin

B. tanin

C. easein

D. albumin

Answer:



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3. Pencillium notatium produces antibiotic

A. streptomyces

B. chloromycetin

C. nystatin

D. penicillum

Answer:



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4. *Saccharomyces cerevisiae* are capable for _____

A. Lactic acid fermentation

B. alcoholic fermentation

C. Pasteurization

D. Sterilization

Answer:



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5. Vinegar is _____ acid

A. Lactic

B. Acetic

C. Citric

D. Formic

Answer:



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6. In the vinegar production, _____ is produced in the first step.

A. Ethanol

B. methanol

C. Lactate

D. Acetate

Answer:



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7. Which enzyme is used in clarifying fruit juices?

A. amylase

B. protease

C. pectinase

D. lipases

Answer:



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8. Which is utilized as meat tenderizer?

A. pectinase

B. protease

C. Lipase

D. amylase

Answer:



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9. Which is the enzyme not used in digestive syrup?

A. amylase

B. Pectinase

C. Protease

D. lipases

Answer:



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10. Write a short note on secondary treatment of sewage.



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11. Which type of bioreactor is used in places receiving high annual hours of day light.

A. percolating filter

B. trickling filter

C. deep-shaft

D. algae-bacterial

Answer:



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12. Which one is a biogas?

A. Oxygen

B. Carbondioxide

C. Methane

D. Hydrogen oxide

Answer:



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13. In which process is biogas not used?

A. cooking

B. lighting

C. biofertilizer

D. Internal combustion

Answer:



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14. Bt gene has ____ property



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15. Rhizobium is _____ bacterium.



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16. Which one is not heterotrophic nitrogen fixer

A. Rhizobium

B. Anabaena

C. Azospirillum

D. Acetobacter

Answer:



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17. Which nitrogen fixing bacteria does association with root system of legumes?



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18. Removal of large pieces of floating debris .
oily substances , etc , during sewage
treatment called

A. Primary treatment

B. Secondary treatment

C. Final treatment

D. Amplification

Answer:



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19. Most commonly used substance for industrial production of beer is

A. Barley

B. Wheat

C. Corn

D. Sugarcane molasses

Answer:



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20. The vitamin whose content increases following the conversion of milk into curd by lactic acid bacteria is

A. Vitamin C

B. Vitamin D

C. Vitamin B_{12}

D. Vitamin E

Answer:



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21. BOD of waste water is estimated by measuring the amount of :

A. total organic matter

B. biodegradable organic matter

C. Oxygen evolution

D. Oxygen consumption

Answer:



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22. Correct the statements by changing

underlined words only :

Majority of algae, funig, bacteria,

Cyanobacteria and infectious agents like insects are included among microbes.



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23. Correct the statements by changing bracketed words only :

(Lactobacillus) causes alcoholic fermentation



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24. Correct the statements by changing bracketed words only :

Production lactic acid causes (solubilization) of milk protein casein.



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25. Correct the statements by changing bracketed words only :

(Sterilization) is process in which microorganisms are inactivated.





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26. Correct the statements by changing bracketed words only :

First antibiotic penicillin was extracted from a (bacterium).



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27. Correct the statements by changing underlined words only :

CO_2 is used in brewery.



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28. Correct the statements by changing underlined words only :

CO_2 provides rigidity to dough.



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29. Correct the statements by changing underlined words only :

Methyl alcohol is a preservative.



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30. Correct the statements by changing underlined words only :

Pectinase is used as a digestive agent.



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31. Correct the statements by changing underlined words only :

In primary treatment of sewage, sludge is generated.



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32. Correct the statements by changing underlined words only :

Biomass obtained by treatment of sewage is used in production biopesticides.



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33. Correct the statements by changing underlined words only :

Pectinase is used as a digestive agent.



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34. Correct the statements by changing underlined words only :

In biogas, the amount of CO_2 is nearly 60-70%.



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35. Correct the statements by changing underlined words only :

Methanogenic bacteria can act on organic acid, lactate to form biogas.



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36. Correct the statements by changing underlined words only :

Bt cotton is a hybrid plant.



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37. Correct the statements by changing underlined words only :

Pesticides obtain for living organisms are known as Chemical pesticides.



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38. Correct the statements by changing underlined words only :

Bacillus thuringiensis is a Gram Positive, circula soil bacteria.



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39. Nitrogen fixing bacteria are called phototropic.



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40. Correct the statements by changing underlined words only :

Rhizobium remains symbiotically with root system of cereals.



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41. Correct the statements :

Azotobacter is a symbiotic living nitrogen fixer.



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42. Correct the statements :

Association between fungi and root systems of plants is called mycozoontic association.



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43. Correct the statements :

Anabaena is parasitic nitrogen fixer.



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44. Express in one word only:

What type of nitrogen fixer is Rhizobium?



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45. Express in one word only:

Biologically active products used to boost crop production are called.



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46. Express in one word only:

Nucleic acid component of baculovirus is.



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47. Express in one word only:

What type of genes *Bacillus thuringiensis* has



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48. Express in one word only:

What is the predominant component of biogas?



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49. Express in one word only:

Which gas called to biogas in India?



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50. Express in one word only:

In what type of containers are secondary treatment of sewage water done?



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51. Express in one word only:

Accumulated biomass due to secondary treatment of sewage water is called.



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52. Express in one word only:

Lactic acid fermentation is done by.



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53. Express in one word only:

What is the substrate for alcohol fermentation
?



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54. Express in one word only:

The industry of alcoholic beverage making.



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55. Express in one word only:

The industry of bread making.



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56. Fill in the blanks:

Unicellular fungus, _____ is used in alcoholic beverage production.



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57. Express in one word only:

Secretions of organisms which are selectively toxic called.



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58. Express in one word only:

Milk sugar is called.



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59. Express in one word only:

The process of inactivation of microorganisms.



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60. Express in one word only:

Nitrogen fixing autotrophic bacteria are called.



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61. Express in one word only:

The first bacterial antibiotics is.



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62. Express in one word only:

Which bacteria is known as baker's yeast?



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63. Expand BOD :



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64. Express in one word only:

A free living bacteria that can fix nitrogen in the soil.



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65. Fill in the blanks:

Plants, animals and _____ make the living world.





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66. Fill in the blanks:

Monera and _____ kingdoms belong to microbes.



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67. Fill in the blanks:

Lactic acid fermentation is done by _____.



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68. Fill in the blanks:

The antibiotic, _____ is obtained from *Penicillium notatum*.



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69. Express in one word only:

Secretions of organisms which are selectively toxic called.



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70. Fill in the blanks:

Unicellular fungus, _____ is used in alcoholic beverage production.



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71. Fill in the blanks:

In _____ production, grapes juice is used.



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72. Fill in the blanks:

Enzyme _____ is used as clarifying agent.



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73. Fill in the blanks:-

The internal factors responsible for morphological expression is called _____.



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74. Which type of bioreactor is used in places receiving high annual hours of day light.



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75. Fill in the blanks:

Predominant component of biogas is _____.



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76. Fill in the blanks:

Methanogenic bacteria can degrade _____ to methane or biogas.



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77. Fill in the blanks:

In India, biogas is otherwise called as _____ gas.



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78. Fill in the blanks:

Use of chemical pesticides ins uccessive years leads to its _____ as these are destroyed easily.



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79. Fill in the blanks:

Bacillus thuringiensis genome is used in production of _____ crop Bt cotton.



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80. Fill in the blanks:

Baculovirus is a double stranded _____.



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81. Fill in the blanks:

Rhizobium are found _____ in the root systems of legumes.



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82. Fill in the blanks:

Biologically active products are called
_____.



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83. Fill in the blanks:

Acetobacter is _____ living nitrogenfixers.



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84. Fill in the blanks:

Phosphobacteria are capable of solubilizing
_____ compounds.



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85. Fill in the blanks:

BGA are photo synthetic _____ fixer.



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86. A free-living nitrogen-fixer is



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87. Write note on :

Microbes in food processing.



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88. Microbes in antibiotics production.



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89. Write notes: Alcoholic beverages



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90. Write note on :

Acetic acid fermentation.



Watch Video Solution

91. Write note on :

Microbes in sewage treatment.



Watch Video Solution

92. Write note on :

Biogas Production.



Watch Video Solution

93. Write note on :

Biopesticides.



Watch Video Solution

94. Write note on:

Biofertilizers.



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95. Differentiate between Alcoholic fermentation and Lactic acid fermentation.



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96. Differentiate between Sterilization and Pasteurization.



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97. Synthetic pesticides and Biopesticides



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98. Differentiate between Chemical Fertilizers and Biofertilizers.



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99. Nitrogen fixation is



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100. Which of the following viruses causes common cold?

A. Rhino virus

B. T_4 virus

C. MSZ virus

D. Simian virus 40

Answer:



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101. Common cold symptoms

- A. Runny nose
- B. Sneezing/ coughing
- C. congestion
- D. All

Answer:



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102. Treatment of common cold include

A. Antihistamines

B. Anti-inflammatory drugs

C. Anti-cholinergics

D. All

Answer:



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103. A ring-shaped rash that is caused by a fungus on the skin, hair, or nails is

A. ring worm

B. circle rash

C. scabies

D. impetigo

Answer:



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104. Which of the following statement is correct?

A. *Ascaris lumbricoides* is one of the largest nematode

B. *Ascaris lumbricoides* can cause pneumonia.

C. Both dogs and cats are intermediate host of *A. lumbricoides*.

D. *A. lumbricoides* is transmitted by ingestion of eggs.

Answer:



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105. Name the parasite with its stage that causes the disease, elephantiasis in man

A. *Plasmodium vivax*

B. *Entamoeba histolytica*

C. *P. ovale*

D. *Wuchereria bancrofti*

Answer:



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106. The primary host of plasmodium is.....

A. Men

B. Sheep

C. Male culex

D. FemalAnophels

Answer:



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107. Which of the following correct?

A. Leumakemia-skin cancer

B. Diabetes- sugar free diet

C. Rheumatic fever- defective pacemaker

D. Heart attack - radiation therapy

Answer:



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108. Filariasis / elephantiasis is caused by:

- A. *Taenia solium*
- B. *Ascaris lumbricoides*
- C. *Entamoeba histolytica*
- D. *Wuchereria bancrofti*

Answer:



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109. The vector of filaria worm is the mosquito genus:

A. Anopheles

B. Aedes

C. Culex

D. Stegomyia

Answer:



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110. Amoebiasis is caused by

- A. Amoeba
- B. Entamoeba
- C. Plasmodium
- D. Leishmania

Answer:



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111. Exflagellation occurs in.....

A. Flagellate protozoan

B. Coelenteron of hydra

C. Spermatozoa

D. Microgametocyte of Plasmodium

Answer:



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112. Man in the lifecycle of plasmodium is :

A. Body cavity of male Anopheles

B. Body cavity of female Anopheles

C. Salivary glands of male Anopheles

mosquito

D. Salivary glands of female Anopheles

mosquito.

Answer:



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113. human lymphatic disease caused by nematode *Wuchereria bancrofti* is:

A. Diabetes

B. Elephantiasis

C.

D. Malaria.

Answer:



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114. *Entamoeba ginggivalis* is a oparasite found in:

- A. Liver of sheep
- B. Intestine of man
- C. Stomach of frog
- D. Human gums

Answer:



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115. Mepacrine and Paludrine are two drugs which are quite effective in the treatment of:

- A. Amoebic dysentery
- B. tapeworm infestation
- C. Round worm infestation
- D. Malaria

Answer:



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116. Which of the following is the infective stage of the malaria parasite(Plasmodium):

A. Gametocyte

B. Merozoite

C. Sporozoite

D. Trophozoite

Answer:



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117. Elephantiasis is carried by:

A. Culex

B. Anopheles

C. Housefly

D. Tse-tse-fly

Answer:



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118. Malignant tertian malaria is caused by_____.

A. Plasmodium falciparum

B. Plasmodium vivax

C. Plasmodium malariae

D. Plasmodium ovale.

Answer:



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119. A vector host is:

- A. Disease transmitting
- B. Natural reservoir
- C. Human Parasite
- D. Pathogenic protozoan.

Answer:



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120. Malaria fever is caused by a toxic substance formed due to proteolysis of haemoglobin in RBCs of man. This substance is:

A. Haemocyanin

B. Haemocrinin

C. Haematin

D. Haemozoin

Answer:



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121. Wuchereria bancrofti is.....



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122. The unbearable pain in the chest caused due to deficiency in the O_2 supply to the heart is called_____.

A. Angiography

B. Myocardial infraction

C. Angina

D. Stroke

Answer:



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123. E.histolytica is a _____ parasite.

A. Digenetic

B. Monogenetic

C. Trigenetic

D. Tetragenetic

Answer:



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124. In which of the following diseases, the man has an extra X-chromosome?

- A. Bleeder's disease
- B. Down's syndrome
- C. Tumer's sundrome

D. Klinefelter's syndrome

Answer:



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125. The exo-erythrocytic life cycle of plasmodium occurs where?

A. Hepatic cells

B. RBC

C. Stomach of Anopheles.

D. Salivary glands of female Anopheles .

Answer:



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126. Which one of the following is the secondary host of Plasmodium vivax ?

A. Anopheles female

B. Anopheles male

C. Culex female

D. Culex male

Answer:



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127. Which cells of immune system cause pore formation at the surface of the plasma membrane ?

A. Killer T-cells

B. Helper T-cells

C. B-cells

D. Supressor T-cells

Answer:



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128. Which of the following is an autoimmune disease ?

A. Asthma

B. cancer

C. Erythroblastosis foetalis

D. Systemic lupus erthematosis

Answer:



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129. Which is a Pathogen?

A. Vitamins

B. Colour blindness

C. Hypertension

D. Mycoplasma

Answer:



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130. Anthrax is caused by

A. E. coli

B. A. proteus

C. E. histolytica

D. P.vivax

Answer:



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131. Which is a deficiency disease?

A. Cancer

B. Beri Beri

C. Neurosis

D. Malaria

Answer:



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132. HIV virus affects which of the following cells of AIDS patients?

- A. Helper T-cells
- B. Cyto toxic T-cells
- C. M-N cells
- D. Supressive cells

Answer:



133. Humoral immunity is mediated by ____ .

- A. B-cells
- B. T-cells
- C. NK cells
- D. Plasma cells

Answer:



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134. Active immunity can be produced by

A. contracting a disease

B. receiving a vaccine

C. receiving gamma globulin injection

D. Both A and B

Answer:



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135. B-lymphocytes combat bacterial and viral infections by secreting antibodies into the blood and lymph, providing what type of immunity?

- A. humoral
- B. non specific
- C. antigenic
- D. cell- mediated

Answer:



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136. A new born infant who receives IgA from its mother's milk develops

- A. naturally acquired active immunity
- B. artificially acquired active immunity
- C. naturally acquired passive immunity
- D. artificially acquired passive immunity

Answer:



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137. Nonspecific immunity includes all of the following except.

A. immunoglobulin

B. lysozyme

C. interferons

D. neutrophils

Answer:



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138. Which of the following organs is most essential for proper immune maturation and functioning

A. spleen

B. liver

C. thyroid

D. thymus

Answer:



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139. Vaccinations are an example of

- A. naturally acquired active immunity
- B. artificially acquired active immunity
- C. naturally acquired passive immunity
- D. artificially acquired passive immunity

Answer:



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140. The immunity system which works against self is -----

A. self immune system

B. Autoimmunity

C. specific immunity

D. None

Answer:



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141. In which disease, transplacental transmission take place?

A. Tetanus

B. Syphilis

C. Ringworm

D. Thyroid

Answer:



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142. During allergic reactions destructive substances produced are

A. antibodies

B. Allergins

C. Histamines

D. Immunoglobulins

Answer:



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143. Edward Jenner discovered

- A. Immunization against small pox
- B. Vaccination against small pox
- C. Immunization against chicken pox
- D. vaccination against chicken

Answer:



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144. Which one of the following is not a component of innate immunity?

A. antibodies

B. interferons

C. complement proteins

D. phagocytes

Answer:



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145. Immunodeficiency can result from which of the following?

A. gene mutation

B. infection

C. malnutrition

D. All

Answer:



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146. Immunoglobulins are

A. antigen

B. antibodies

C. antiseptics

D. antibiotics

Answer:



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147. Which of the following disease is due to allergic reactions ?

A. Hay fever

B. skin cancer

C. Enteric fever

D. Malaria

Answer:



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148. Graft between genetically identical individual of the same species is called:

A. syngenic

B. allogenic

C. isogenic

D. xenogenic

Answer:



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149. Which one is carcinogenic in tobacco

A. Caffeine

B. Benzopyrene

C. CO

D. Nicotine

Answer:



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150. Organ most affected by alcohol is :

A. Kidney

B. Liver

C. Heart

D. Lung

Answer:



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151. The stimulant present in tea, cocoa and cola drinks is ____ .

A. Caffeine

B. Astringent

C. tannin

D. Cocaine

Answer:



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152. Salmonella typhi is the pathogen of ____ .

A. Diphtheria

B. Pneumonia

C. Plague

D. Typhoid

Answer:



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153. The drug which is used for reducing pain is

A. Opium

B. Hashish

C. Bhang

D. Marijuana

Answer:



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154. Ethanol is industrially prepared from

- A. Acetobacter
- B. Penicillium
- C. Saccharomyces
- D. Streptomyces

Answer:



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155. A drunk person has the earliest effect on which part of the brain ?

A. Cerebrum

B. Pons varoli

C. medulla

D. Cerebellum

Answer:



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156. Narcotics are obtained from

A. *Solanum tuberosum*

B. *Digitalis purpurea*

C. *Papaver somniferum*

D. *Foeniculum vulgare*

Answer:



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157. The factor responsible for cirrhosis of liver is

A. Alcoholism

B. Sugar

C. fats and oils

D. Vitamins

Answer:



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158. THC is associated with

A. Papaver

B. Cannabis

C. Erythroxyton

D. Therobroma

Answer:



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159. Opium, Bhang and tobacco are obtained from

- A. Papaver, Cannabis and Nicotiana
- B. Connabis, Papaver and Nicotiana
- C. Nicotiana, cannabis and Papaver
- D. Papaver, Nictotiana and cannabis

Answer:



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160. Steroid which is used in Microbiological transformation

A. Progesterone

B. Cortisol

C. Cholesterol

D. Testosterone

Answer:



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161. Non- sedative drug thalidomide causes phocomelia characterized by the symptoms

A. Vomiting of female during delivery

B. Malformed limbs of foetus

C. Malformed bones of Foetus

D. All

Answer:



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162. Every year _____ is recalled as the world AIDS day.

A. 44317

B. 44348

C. 44531

D. December 20

Answer:



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Example

1. Write short notes on : communicable diseases



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2. Bacillary dysentery is caused by?



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3. BCG vaccine is used against:



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4. Write note on antigen ?



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5. What is antibody ?



[Watch Video Solution](#)

6. What is an interferon ?



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7. Which organism do cause AIDS?



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8. What is the role of histamine in inflammatory response?



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9. What is the primary host for plasmodium ?



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10. What is the duration of the erthrocytic cycle in p. Vivax?



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11. AIDS is caused by



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12. What is the genetic material of AIDS virus?



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13. How small pox can be prevented?



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14. Which are the main cells of immune system?



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15. Which cells are responsible for cell mediated immunity?



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16. Which T-cell is hampered by HIV virus?



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17. Whether plasmodium is a monogenetic or digenetic parasite?



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18. What is the incubation period of p-malariae?



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19. What is the incubation period of p-ovale?



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20. What is the full form of ATS?



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21. Which test is conducted to identify HIV ?



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22. What is physiotherapy?



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23. How vaccination Protects a person from disease?



[Watch Video Solution](#)

24. Which species of plasmodium causes quartan malaria ?





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25. What is the incubation period of P.falcifom?



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26. Which type of cells are attacked by HIV?



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27. Drugs which induce dreamy state of consciousness are called ----.



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28. Where are formed the oocysts of plasmodium?



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29. What is the secondary host of *Wuchereria bancrofti*?



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30. Where lives the adult filarial worm?



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31. How acute immunity can be obtained?



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32. Differentiate between: Innate immunity and Acquired immunity.



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33. Name any two diseases where no preventive vaccine is available?



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34. where does metastasis occur?



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35. Which day is celebrated as Malaria Day ?



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36. Who first discovered that malaria is transferred by mosquitoes?



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37. Fill up the blanks with correct answer :
Cirrhosis of liver is caused by the excess intake
of ____ .



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38. Which test is required to diagnose
Typhoid?



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39. Give an example of droplet infection .



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40. What is called to the cancer of epithelial cell?



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41. Fill in the blank

The confirmative test for AIDS is _____





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42. Which group of viruses cause common cold ?



[Watch Video Solution](#)

43. The parasite causing cerebral malaria is_____.



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44. Which type of mosquito causes malaria?



Watch Video Solution

45. Which parasite causes amoebic dysentery?



Watch Video Solution

46. Which disease is caused by Round Worm?



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47. What is mental health?



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48. What do you mean by alcoholism?



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49. What is Vodka?



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50. One gram of alcohol produce how much energy.



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51. Double vision is one symptom of _____.



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52. What do you mean by amnesia?



[Watch Video Solution](#)

53. What do you mean by psychosis?



Watch Video Solution

54. What is Neurosis?



Watch Video Solution

55. Deficiency of which minerals cause mental disorder?



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56. What is the other name of filariasis?



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57. What are analgesics?



Watch Video Solution

58. What is antibiotics?



Watch Video Solution

59. Give the name of the first antibiotic.



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60. Pencillin is extracted from. _____



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61. What do you mean by adolescence ?

Mention common problems of adolescence.



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62. Which period of girls is called adolescence period?



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63. Which main factor is responsible for adolescence?



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64. What do you mean by hypochondria?



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65. What do you mean by phobias?



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66. What is addiction



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67. What do you mean by psychotropic drug?



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68. What do you mean by psychedelic drug?



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69. Which is the first line of defense against infections?



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70. Which is the second line of defense?



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71. Which is the third line of defense?



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72. What do you mean by temptation?



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73. What happens to alcohol in liver?



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74. What is the effect of alcohol in heart beat.



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75. What do you mean by bronchitis?



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76. Which component of smoke reduce O_2 transport through blood.



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77. Who are called passive smokers?



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78. Why alcohol can affect the foetus?





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79. Who is known as the father of white revolution ?



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80. Which is the exotic type of honey bee?



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81. What is the place called where honey bees are reared?



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82. Fill up the blank.

The cells of human beings affected during malaria are _____



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83. Fill up the blank.

Factors which cause cancer are called _____.



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84. Fill up the blank.

The common medicine of malaria is _____



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85. Fill up the blank.

Filariasis is caused by_____.



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86. Typhoid is caused by :



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87. Amoebiasis is caused by



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88. Fill up the blank.

Cyst of Entamoeba is transmitted by _____



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89. Fill up the blank.

Plasmodium was discovered by _____



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90. Cholera is caused by :



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91. Fill up the blank.

Serum hepatitis is caused by _____



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92. Fill up the blank.

Full form of HIV is _____



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93. Fill up the blank.

Gamogony of Malarial parasite is found in



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94. Fill up the blank.

The parasite which completes its life cycle in

two host is called _____





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95. Fill in the blanks with the correct answer(s): The infective stage of malarial parasite is ____.



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96. Fill up the blank.

The period between the entry of the infective stage of malarial parasite and reappearance of Malaria symptom is called _____



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97. Fill up the blank.

The juvenile form of malarial parasite which enter into mosquito is _____



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98. What is the feeding stage of Plasmodium called ?



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99. Fill up the blank.

Diarrhoea is caused by _____



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100. Fill up the blank.

Poultry birds exclusively grown for meat are called _____



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101. Fill up the blank.

Malarial parasite is carried by _____



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102. Fill up the blank.

The toxic substance is released by plasmodium
in RBC and liver cells is _____



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103. Fill up the blank.

Protein released by the host cells in response to viral infection when they help to combat healthy cells against viral multiplication is called _____



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104. Fill up the blank.

The mating between close relatives is called _____





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105. Fill up the blank.

Honey bee belong to the family _____.



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106. Fill up the blank.

The excessive egg produced by immune cells to resist the antigen are _____



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107. Fill up the blank.

Defensive chemicals produced by immune cells to resist the antigen are _____



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108. Fill up the blank.

The first vaccine was discovered by _____



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109. Fill up the blank.

Livestock refers to _____ animals



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110. The cells which release the antibodies are



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111. Fill up the blank.

National Dairy Research Institution is situated

in _____



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112. Fill up the blank.

An organism capable of producing a disease is called _____.



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113. Correct the underlined portion

The prolonged use of drugs leads to the

dependence of the body on them is called anorexia nervosa.



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114. Correct the sentence if required

Opiate narcotics are called "sleeping pills"



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115. Correct the sentence if required

The effect of alcohol on CNS is a stimulant.



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116. Emphysema disease is caused by _____
addiction.



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117. In liver alcohol is converted in to _____.



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118. Correct the sentence if required

Loss of memory is known as neuritis.



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119. Correct the underlined portion

40% volume of ethyl alcohol is beer.



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120. Morphine, heroin etc. are known as sedative drugs .



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121. In 1928 Fleming discovered insulin.



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122. Give one word:

Name the stimulant present in tea, cocoa and

cola drinks.



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123. Explain how vaccine prevent future infections.



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124. What is the function of the immune system?



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125. What kind of diseases affect the body in smoking?



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126. What is meant by drug addiction?



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127. State the cause and symptoms of Asariasis?



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128. Explain different types of malaria.



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129. Differentiate between Communicable diseases and Non-communicable diseases.



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130. How AIDS can be prevented ?



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131. What are the agents that cause cancer termed as ?



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132. What is AIDS? Name its causative agent.



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133. Filariasis / elephantiasis is caused by:



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134. What are the causes of Diabetes Mellitus and Diabetes insipidus? State their Symptoms.



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135. Give a note on common cold / Rhinitis.



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136. Explain the terms carrier and vector with suitable examples?



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137. Draw a diagram of HIV. No description required.



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138. Which type of tumor leads to Cancer?



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139. What are the drugs against tissue rejection.



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140. What is acquired immunity ?



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141. Man in the lifecycle of plasmodium is :



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142. Explain the term attenuation?



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143. In how many methods, vaccination is carried out.



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144. Draw a labeled diagram of Induction of antibody synthesis by a microbe.



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145. What are steroids? Give examples?



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146. What are the causes of mental illness?



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147. What are the effects of smoking?



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148. What do you mean by adolescence ?

Mention common problems of adolescence.



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149. Write down any four symptoms of drug addict?



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150. Write down any four methods of prevention of drug addiction?



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151. Mention the risk of indiscriminate use of antibiotics.



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152. What is schizophrenia? What are its symptoms?



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153. Classify drugs according to mode of action with example.



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154. Mention the economic importance of honey.



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155. Mention the causes of drugs addiction?



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156. What is adolescence period of boys and girls? What is responsible for it?



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157. Write down four important reasons for drinking alcohol.



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158. What are the social implications of smoking ?



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159. What are the characters of mental health?



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160. What are the social implications of alcoholism ?



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161. Differentiate between : B-lymphocytes and T-lymphocytes





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162. Differentiate between Communicable diseases and Non-communicable diseases.



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163. Mention the differences between "Carcinogens" and "Pathogens".



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164. Differentiate between with 3 to 4 important points:

Active immunity and passive immunity.



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165. Distinguish between humoral immunity and cell-mediated immunity.



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166. Difference between Depressants and stimulants:

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167. Difference between α – *alcoholism* and γ – *alcoholism*.

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168. Stimulants also called as superman drugs:



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169. Barbiturates and alcohol should not be used simultaneously:



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170. Hallucinogens are called psychedelic drugs



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171. Alcoholism is a social stigma:



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172. Tobacco is called intoxicant:



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173. alcohol produces energy but is not called food .



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174. Alcoholism and driving should not go together:



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