



BIOLOGY

BOOKS - KUMAR PRAKASHAN KENDRA

BIOLOGY (GUJRATI ENGLISH)

HUMAN HEALTH AND DISEASE

**Section A Exam Oriented Questions Answers
From Darpan**

1. What is health according to Hippocrates and Indian Ayurveda system of medicine?



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2. How was the "good humor" hypothesis of health disapproved ?



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3. Define : Health



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4. What are the benefits of Being Healthy ?



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5. How can a good health maintained ?



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6. Which factors are necessary in achieving good health ?



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7. Mention the factors affecting Health ?



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8. Define: Disease



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9. What are the further classifications of Disease ?



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10. Which is a an infections disease -



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11. What are pathogens ?



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12. Write a note on causative and symptoms of Typhoid disease.



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13. Why Mary Mallon is nicknamed as Typhoid Mary?



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14. What are causative and symptoms of Pneumonia ?



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15. What are the causative and symptoms of common cold?



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16. What causes Malaria?





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17. Below are some statements related to life cycle of plasmodium. Which of the following is correct ?



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18. What is Amoebic dysentery and give its symptoms ?



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19. What causes Ascariasis, mention its causative, symptoms and mode of transmission ?



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20. What is Elephantiasis or Filariasis, mention its causative, symptoms and mode of transmission ?



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21. What are the causes, symptoms and transmission of Ringworms or Tinea ?



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22. How can prevention and control of many infectious diseases be done?



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23. What are the causative and symptoms of common cold?



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24. What precautions are required for disease spreading through vectors ?



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25. What are the advancements of Biological science ?



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26. What is Immunity ?



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27. What plays an important role in primary and secondary response ?



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28. Draw and describe the structure of antibody?



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29. What is Active immunity?



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30. What is Passive immunity ?



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31. Assertion : Principle of vaccination is based on the property of 'memory' of the immune system.

Reason : In vaccination a preparation of antigenic protein of pathogens or inactivated/ weakened pathogen are introduced into the body.





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32. Mention the importance of Recombinant-DNA technology in terms of Vaccination ?



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33. Define : Allergy



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34. What are the common examples of allergens and mention the symptoms?



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35. Which chemicals causes allergy and how can the cause of Allergy be determined ?



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36. What are the two corollaries related to immune system?



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37. Define: Autoimmunity



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38. What constitutes the immune system and what role does it play in the Human body?



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39. Write a note on lymphoid organs.



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40. Write in details about Thymus.



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41. What is the role of spleen in Human body?



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42. What is AIDS ?



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43. Which individuals are at higher risk of getting HIV infection ?



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44. How does AIDS spread ?



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45. Mention the symptoms of AIDS ?



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46. How is HIV infection diagnosed ?



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47. How can AIDS be prevented ?



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48. What role should society play towards HIV infected people ?



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49. Is there a cure for AIDS ?



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

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



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51. cells obtained from cancerous tumours are known as the (A) Hybridoma (B) Lymphocytes

(C) Monoclonal cells (D) Myeloma



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52. Which of the following is one of the direct causes of cancer?

(A) Obesity

(B) Inadequate O_2 supply

(C) Atherosclerosis

(D) Hypertension



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53. Mention the detection and diagnosis of Cancer ?



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54. How molecular biology can be used for treatment and detection of cancer?



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55. Treatment of cancer is





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56. What is the main cause of concern for today's youth ?



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57. What are opioids and what is there source ?



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58. Write a note on Morphine and Codeine.



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59. Mention the function and source of Heroin?



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60. Write a note on a chemical which interacts with the cannabinoid receptors present in the brain ?



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61. What is obtained from the plant *Erythroxylum coca* and mention its effects on human body?



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62. Which are the drugs which are normally used as medicines to help patients cope up

with mental illness like depression and insomnia and are often abused ?



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63. What does drug abuse mean?



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64. Why is smoking cigarette injurious to health?



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65. What precautions should be taken to avoid smoking ?



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66. Explain Adolescence in detail?



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67. Why does a youngster start taking drugs or drinking alcohol ?



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68. Why does a youngster start taking drugs or drinking alcohol ?



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69. Why does a youngster start taking drugs or drinking alcohol ?



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70. What are the extreme effects of drug /alcohol abuse?



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71. What are the extreme effects of drug /alcohol abuse?



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72. How do drugs affect the lifestyle of sportspersons ?



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73. Justify the statement "Prevention is better than cure".



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74. What measures can be taken for prevention and control of alcohol and drugs abuse among adolescents ?



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1. Malignant tumor and Benign tumor



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2. Normal cell and cancerous cell



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3. Explain innate immunity.



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4. What is Active immunity?



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5. T-lymphocytes and B-lymphocytes



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Section B Give Scientific Reasons

1. Autoimmune diseases are different from immune deficiency diseases.



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2. Sportspeople often fall a victim to cocaine addiction.



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3. Virus infected cells provide innate immunity to other cells.



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4. Hepatitis B and Bird flu DNA vaccines are called Recombinant DNA vaccines.



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Section C Objective Question Answer

1. 



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2. 



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3. 



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4. 

 [View Text Solution](#)

5. 

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6. 

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Section C Definitions Explanation

1. Definition of PAP smear .



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2. Definition of Allergens .



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3. Definition of Allergy.



[Watch Video Solution](#)

4. Definition of Cell mediated immunity.



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5. What is Active immunity?



[Watch Video Solution](#)

6. What is Passive immunity ?



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7. Definition of Non-infectious disease.



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8. Definition of Infectious disease.



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9. Definition of Pathogen.



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10. Definition of Immunity.



[Watch Video Solution](#)

11. Definition of Innate immunity .



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12. Definition of Acquired immunity.



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13. Definition of B-lymphocytes .



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14. Which hormone stimulates the development and differentiation of T-lymphocytes?



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15. Definition of Antigen.



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16. Write a note on lymphoid organs.



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17. Definition of Retro virus.



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18. Definition of Antibody .



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19. Definition of Carcinogens.



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20. Definition of Tumor.



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21. Definition of Haemozoin .



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Section C Full Forms

1. Full forms of RBC.



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2. Full forms of CT



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3. Full forms of MRI



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4. Full forms of PMNL



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5. Full forms of CMI



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6. Full forms of MALT



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7. Full forms of AIDS



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8. Full forms of HIV



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9. Full forms of DNA



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10. Full forms of RNA



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11. Full forms of ELISA



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12. Full forms of PCR



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13. Full forms of NACO



[Watch Video Solution](#)

14. Full forms of WHO



[Watch Video Solution](#)

15. Full forms of NGO



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16. Full forms of LSD



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17. Full forms of CNS



[Watch Video Solution](#)

18. Full forms of CO



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19. Full forms of PID



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20. Full forms of ARC



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Section D Textual Exercise

1. What are the various public health measures, which you would suggest as safeguard against infectious diseases ?



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2. In which way has the study of biology helped us to control infectious diseases ?



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3. How does the transmission of Amoebiasis diseases take place ?



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4. How does the transmission of Malaria diseases take place ?



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5. How does the transmission of Ascariasis diseases take place ?



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6. How does the transmission of Pneumonia diseases take place ?



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7. What measure would you take to prevent waterborne diseases ?



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8. Discuss with your teacher what does a suitable gene. means, in the context of DNA vaccines.



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9. Name the primary and secondary lymphoid organs .



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10. The following are some well-known abbreviation which have been used in this chapter . Explain each one to its full form :

(a) MALT

(b) CMI

(c) AIDS

(d) NACO

(e) HIV



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11. Differentiate the following and give example

Innate and acquired immunity.



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12. Differentiate the following and give example

Active and passive immunity.



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13. What are the various routes by which transmission of human immunodeficiency virus takes place?



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14. What is the mechanism by which the AIDS virus causes deficiency of immune system of the infected person ?



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15. How is a cancerous cell different from a normal cell ?



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16. Explain what is meant by metastasis.



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17. What are the extreme effects of drug /alcohol abuse?



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18. Do you think that friends can influence one to take alcohol/drugs? If yes, how may one

protect himself/herself from such an influence

?



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19. Why is that once a person starts taking alcohol or drugs, it is difficult to get rid of this habit ? Discuss it with your teacher.



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20. What measures can be taken for prevention and control of alcohol and drugs abuse among adolescents ?



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Section E Solution Of Ncert Exemplar Multiple Choice Questions Mcqs

1. The term .Health. is defined in many ways. The most accurate definition of the health would be

A. Health is the state of body and mind in a balanced condition

B. Health is the reflection of a smiling face

C. Health is a state of complete physical, mental and social well-being

D. Health is the symbol of economic prosperity.

Answer:



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2. The organisms which cause diseases in plants and animals are called

A. Pathogens

B. Vectors

C. Insects

D. Worms

Answer:



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3. The clinical test that is used for diagnosis of typhoid is

(A) ELISA

(B) ESR

(C) PCR

(D) Widal

A. ELISA

B. ESR

C. PCR

D. Widal

Answer:



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

(i) Cancer

(ii) Influenza

(iii) Allergy

(iv) Small pox

(A) I and ii

(B) ii and iii

(C) iii and iv

(D) ii and iv

A. I and ii

B. ii and iii

C. iii and iv

D. ii and iv

Answer:



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5. 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

A. liver of the person

B. RBCs of mosquito

C. salivary glands of mosquito

D. gut of mosquito

Answer:



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6. The disease chikunguniya is transmitted by

A. house fly

B. Aedes mosquito

C. cockroach

D. female Anopheles

Answer:



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7. What are causative and symptoms 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:



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8. Cancer causing genes are called

(A) structural genes

(B) expressor genes

(C) oncogenes

(D) regulatory genes

A. structural genes

B. expressor genes

C. oncogenes

D. regulatory genes

Answer:



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9. In malignant tumors, the cells proliferate, 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:



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10. When an apparently healthy person is diagnosed as unhealthy by a psychiatrist, the reason could be that

- A. the patient was not efficient at his work
- B. the patient was not economically prosperous
- C. the patient shows behavioural and social maladjustment
- D. he does not take interest in sports

Answer:



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11. 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:



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12. AIDS is caused by HIV. Among the following, which one is not a mode of transmission of HIV?

- A. Transfusion of contaminated blood
- B. Sharing the infected needles
- C. Shaking hands with infected persons
- D. Sexual contact with infected persons

Answer:



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13. Smack is a drug obtained from the

(A) latex of *Papaver somniferum*

(B) leaves of *Cannabis sativa*

(C) flowers of *Datura*

(D) fruits of *Erythroxylum coca*

A. latex of *Papaver somniferum*

B. leaves of *Cannabis sativa*

C. flowers of *Datura*

D. fruits of *Erythroxylum coca*

Answer:



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14. The substance produced by a cell in viral infection that can protect other cells from further infection is

- (A) serotonin
- (B) colostrum
- (C) interferon
- (D) histamine

A. serotonin

B. colostrum

C. interferon

D. histamine

Answer:



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15. Transplantation of tissues/organs to save certain patients often fails due to rejection of such tissues/organs by the patient. Which type of immune response is responsible for such rejections ?

- A. auto-immune response
- B. humoral immune response
- C. physiological immune response
- D. cell-mediated immune response

Answer:



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16. Antibodies present in colostrum which protect the new born from certain diseases is of

A. IgG type

B. IgA type

C. IgD type

D. IgE type

Answer:



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17. Tobacco consumption is known to stimulate secretion of adrenaline and nor-

adrenaline. The component causing this could be

A. Nicotine

B. Tannic acid

C. Curamin

D. Catechin

Answer:



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18. Anti-venom against snake poison contains

A. Antigens

B. Antigen-antibody complexes

C. Antibodies

D. Enzymes

Answer:



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19. Which of the following is not a lymphoid tissue?

A. Spleen

B. Tonsils

C. Pancreas

D. Thymus

Answer:



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20. Which of the following glands is large sized at birth but reduces in size with ageing ?

A. Pineal

B. Pituitary

C. Thymus

D. Thyroid

Answer:



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21. Definition of Haemozoin .

A. precursor of hemoglobin

B. toxin released from Streptococcus
infected cells

C. toxin released from Plasmodium infected
cells

D. toxin released from Haemophilus
infected cells

Answer:



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22. Which of the following is not the causal organism for ringworm?

- A. Microsporum
- B. Trichophyton
- C. Epidermophyton
- D. Macrosporum

Answer:



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23. A person with sickle cell anemia is

A. more prone to malaria

B. more prone to typhoid

C. less prone to malaria

D. less prone to typhoid

Answer:



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Section E Solution Of Ncert Exemplar Very Short Answer Type Questions Vsqs

1. Certain pathogens are tissue/organ specific. Justify the statement with suitable examples.



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2. The immune system of a person is suppressed. In the ELISA test, he was found positive to a pathogen.

Name the disease the patient is suffering from.



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3. The immune system of a person is suppressed. In the ELISA test, he was found positive to a pathogen.

What is the causative organism ?



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4. The immune system of a person is suppressed. In the ELISA test, he was found positive to a pathogen.

Which cells of body are affected by the pathogen ?



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5. Where are B-cells and T-cells formed ? How do they differ from each other ?



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6. Given below are the pairs of pathogens and the diseases caused by them. Which out of these is not a matching pair and why ?

(A) Virus - common cold

(B) Salmonella - typhoid

(C) Microsporium - filariasis

(D) Plasmodium - malaria

A. Virus common - cold

B. Salmonella - typhoid

C. Microsporium - filariasis

D. Plasmodium - malaria

Answer: C



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7. What would happen to immune system, if thymus gland is removed from the body of a person?



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8. Many microbial pathogens enter the gut of humans along with food. What are the preventive barriers to protect the body from such pathogens ? What type of immunity do you observe in this case ?



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9. Why is mother's milk considered the most appropriate food for a new born infant ?



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10. What are interferons ? How do interferons check infection of new cells?

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11. In the figure, structure of an antibody molecule is shown. Name the parts A, B and C. Show A, B and C in the diagram.



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12. If a regular dose of drug or alcohol is not provided to an addicted person, he shows some withdrawal symptoms. List any four such withdrawal symptoms.



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13. Why is it that during changing weather, one is advised to avoid closed, crowded and airconditioned places like cinema halls etc.?



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14. Sickle cell anemia has not been eliminated from the African population because-



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15. Name the primary and secondary lymphoid organs .



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16. Why is an antibody molecule represented as H_2L_2 ?



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17. What does the term memory of the Immune system mean?



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18. If a patient is advised Anti Retroviral Therapy, which infection is he suffering from ?
Name the causative organism.



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Section E Solution Of Ncert Exemplar Short Answer Type Questions

1. Differentiate the following and give example
Active and passive immunity.



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2. Malignant tumor and Benign tumor



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3. Do you consider passive smoking is more dangerous than active smoking ? Why?



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4. Justify the statement "Prevention is better than cure".



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5. Explain any three preventive measures to control microbial infections.



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6. In the given flow diagram, the replication of retrovirus in a host is shown. Observe and answer the following questions.

(a) Fill in (A) and (B)

(b) Why is the virus called retrovirus?

(c) Can the infected cell survive while viruses are being replicated and released ?



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7. "Maintenance of personal and public hygiene is necessary for prevention and control of many infectious diseases". Justify the statement giving suitable examples.



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8. The following table shows certain diseases, their causative organisms and symptoms. Fill the gaps.





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9. The outline structure of a drug is given below.



Which group of drugs does this represent ?



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10. The outline structure of a drug is given below.



What are the modes of consumption of these drugs ?



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11. The outline structure of a drug is given below.



Name the organ of the body which is affected by consumption of these drugs.



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12. Give the full form of CT and MRI. How are they different from each other ? Where are they used ?



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13. Many secondary metabolites of plants have medicinal properties. It is their misuse that creates problems. Justify the statement with an example.



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14. Why cannabinoids are banned in sports and games?



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15. What is secondary metabolism?



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16. Drugs and alcohol give short-term 'high' and long term 'damages', Discuss.



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17. Diseases like dysentery, cholera, typhoid etc., are more common in over crowded human settlements. Why?



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18. From which plant cannabinoids are obtained ? Name any two cannabinoids. Which

part of the body is effected by consuming these substances ?



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19. In the metropolitan cities of India, many children are suffering from allergy/asthma. What are the main causes of this problem. Give some symptoms of allergic reactions.



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20. What is the basic principle of vaccination ?

How do vaccines prevent microbial infections ?

Name the organism from which hepatitis B

Vaccine is produced.



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21. What is cancer? How is a cancer cell

different from the normal cell? How do normal

cells attain cancerous nature ?



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22. A person shows strong unusual hypersensitive reactions when exposed to certain substances present in the air. Identify the condition. Name the cells responsible for such reactions. What precaution should be taken to avoid such reactions.



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23. For an organ transplant, it is an advantage to have an identical twin. Why?



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24. What are lifestyle diseases ? How are they caused ? Name any two such diseases.



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25. If there are two pathogenic viruses, one with DNA and other with RNA, which would mutate faster ? And Why?



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Section E Solution Of Ncert Exemplar Long Answer Type Questions

1. Represent schematically the life cell cycle of a malarial parasite .



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2. Compare the life style of people living in the urban areas with those of rural areas and

briefly describe how the life style affects their health.



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3. Why does a youngster start taking drugs or drinking alcohol ?



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4. Why is that once a person starts taking alcohol or drugs, it is difficult to get rid of this

habit ? Discuss it with your teacher.



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5. Treatment of cancer is



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6. Which are the drugs which are normally used as medicines to help patients cope up with mental illness like depression and insomnia and are often abused ?



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7. What is Pulse Polio Programme of Government of India ? What is OPV? Why is it that India is yet to eradicate Polio ?



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8. Hepatitis B and Bird flu DNA vaccines are called Recombinant DNA vaccines.



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Section F Multiple Choice Question Mcqs From Darpan Based On Textbook

1. In which diagnostic method, intensive magnetic field is used ?

(A) Western blot

(B) ELISA

(C) MRI

(D) CT scan

A. Western blot

B. ELISA

C. MRI

D. CT scan

Answer: C



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2. How does AIDS spread ?

A. Destruction of helper T-lymphocytes

B. Destruction of killer T-cells

C. Auto immunity

D. Decrease in interferon.

Answer: A



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3. What are interferons ? How do interferons check infection of new cells?

A. mitochondria

B. viral cell

C. bacteria

D. protozoa

Answer: B



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4. Which disease does not occur due to smoking ?

A. malaria

B. lung cancer

C. throat inflammation

D. blisters in stomach

Answer: B



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5. Which substance present in tobacco stimulates adrenal gland ?

(A) codeine

(B) morphine

(C) nicotine

(D) barbiturates

A. codeine

B. morphin

C. nicotine

D. barbiturates

Answer: C



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6. Which is known as the sleeping pill?

A. morphine

B. barbiturates

C. codeine

D. cocaine

Answer: B



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7. Which substance is used to relieve stress in stomach and intestine ?

A. codeine

B. cocain

C. LSD

D. morphin

Answer: A



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8. In CT scan which rays are produced ?

A. alfa rays

B. beta rays

C. gamma rays

D. X-rays

Answer: D



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9. Due to uncontrolled cell division in body which disease occurs ?

A. AIDS

B. cancer

C. pneumonia

D. malaria

Answer: B



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10. Where was NACO established ?

(A) USA

(B) Brazil

(C) India

(D) Japan

A. USA

B. Brazil

C. India

D. Japan

Answer: C





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11. With the help of which enzyme the viral RNA is duplicated in host cell

- A. Transcriptase
- B. Reverse polymerase
- C. Polymerase
- D. Reverse transcriptase

Answer: D



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12. In which year AIDS was documented first time?

(A) 1991

(B) 1971

(C) 1981

(D) 1961

A. 1991

B. 1971

C. 1981

D. 1961

Answer: C



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13. In which year AIDS was documented in INDIA ?

(A) 1986

(B) 1981

(C) 1976

(D) 1971

A. 1986

B. 1981

C. 1976

D. 1971

Answer: A



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14. How many peptide strands are there in every antibody molecule ?

(A) 5

(B) 4

(C) 2

(D) 3

A. 5

B. 4

C. 2

D. 3

Answer: B



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15. By which cell present in the blood primary and secondary immunity response is given ?

- A. lymphatic cells
- B. phagocytes
- C. PMNL neutral cells
- D. killer cells

Answer: A



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16. Which vaccine is made from yeast by recombination of DNA technology ?

(A) hepatitis B vaccine

(B) polio vaccine

(C) triplet vaccine

(D) snake venom vaccine

A. hepatitis B vaccine

B. polio vaccine

C. triplet vaccine

D. snake venom vaccine

Answer: A



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17. Which protein protects against the viral infection to non infected cells ?

A. Immunoglobulin

B. Interferons

C. Myosine

D. Actin

Answer: B



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18. In which disease blisters occur on the skin, nail and head of the body?

(A) elephantiasis

(B) pneumonia

(C) malaria

(D) ringworm

A. elephantiasis

B. pneumonia

C. malaria

D. ringworm

Answer: D



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19. What is called the zygote formed due to fertilization of microgamete and megagamete ?

A. gametocyte

B. haemozine

C. sporozoite

D. ookinate

Answer: D



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20. During the whole life cycle of plasmodium how many hosts are there?

(A) 1

(B) 3

(C) 4

(D) 2

A. 1

B. 3

C. 4

D. 2

Answer: D



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21. Which protozoan is responsible for malaria?

(A) Euglena

(B) Amoeba

(C) Paramecium

(D) Plasmodium

A. Euglena

B. Amoeba

C. Paramecium

D. Plasmodium

Answer: D



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22. Which disease spreads by sputum of the patients ?

(A) Pneumonia

(B) Typhoid

(C) AIDS

(D) Malaria

A. Pneumonia

B. Typhoid

C. AIDS

D. Malaria

Answer: A



Watch Video Solution

23. In which disease liquid accumulates in alveoli and bronchiole tubes ?

(A) Typhoid

(B) AIDS

(C) Pneumonia

(D) Malaria

A. Typhoid

B. AIDS

C. Pneumonia

D. Malaria

Answer: C



Watch Video Solution

24. Whose number increase during allergy ?

(A) IgA

(B) IgE

(C) IgG

(D) IgM

A. IgA

B. IgE

C. IgG

D. IgM

Answer: B



Watch Video Solution

25. The spreading of cancer cell in the body is known as ?

(A) Mutation

(B) Metastasis

(C) Uncurable tumor

(D) carcinogen

A. Mutation

B. Metastasis

C. Uncurable tumor

D. carcinogen

Answer: B



Watch Video Solution

26. The molecule, which stimulates immune response is

- (A) Antibody
- (B) Antigen
- (C) Mutant
- (D) Carcinogen

A. Antibody

B. Antigen

C. Mutant

D. Carcinogen

Answer: B



Watch Video Solution

27. By whom ring worm infection occurs ?

A. Fungus

B. Algae

C. Bacteria

D. Virus

Answer: A



Watch Video Solution

28. During infection, with whom T-cells do internal reactions ?

A. Macrophage

B. B-cells

C. Infected cell

D. RBC

Answer: A



Watch Video Solution

29. Which hormone is produced during allergy

?

A. Nor adrenaline

B. Adrenaline

C. Antihistamine

D. Glucocorticoids

Answer: B



Watch Video Solution

30. Response against allergic inflammation is given by which substance which is produced by mast cells?

A. Histamine

B. Antibody

C. Antigen

D. None

Answer: A



Watch Video Solution

31. What is Elephantiasis or Filariasis, mention its causative, symptoms and mode of transmission ?

A. Tsetse fly

B. Sand fly

C. Anopheles

D. Culex fatigon

Answer: D



Watch Video Solution

32. The infectious phase of plasmodium means

A. Sporozoite

B. Trophozoite

C. Merozoite

D. None

Answer: A



Watch Video Solution

33. Which is the autoimmune disease ?

(A) Cancer

(B) Asthma

(C) Arthritis

(D) Hepatitis

A. Cancer

B. Asthama

C. Arthritis

D. Hepatitis

Answer: C



Watch Video Solution

34. What is the called the organ transplantation of the organs of two different species ?

A. Autograft

B. Homograft

C. Heterograft

D. Allograft

Answer: C



Watch Video Solution

35. Where is the antigen binding site ?

(A) Variable region of light chain

(B) Variable region of heavy chain

(C) Variable region of both-heavy and light chain

(D) Contact region of both-heavy and light chain

A. Variable region of light chain

B. Variable region of heavy chain

C. Variable region of both-heavy and light chain

D. Contact region of both-heavy and light chain

Answer: C



Watch Video Solution

36. Antibodies produced in a body is made up of

A. Steroid

B. Prostaglandins

C. Glycoprotein

D. Lipoprotein

Answer: C



Watch Video Solution

37. Which gland is associated with lymphocytes and antibody?

A. Thyroid

B. Adrenal

C. Thymus

D. Ovary

Answer: C



Watch Video Solution

38. Which cells engulf the parasitic molecules

?

(A) Macrophage

(B) Blood cells

(C) Mast cells

(D) Lymph cells

A. Macrophage

B. Blood cells

C. Mast cells

D. Lymph cells

Answer: A



Watch Video Solution

39. Which cancer is carcinoma types ?

- A. Epithelial tissue
- B. Connective tissue
- C. Blood
- D. Lymph

Answer: A



Watch Video Solution

40. By whose formation the foreign particles are destroyed ?

(A) IgM

(B) IgA

(C) IgM & IgG

(D) Macrophages

A. IgM

B. IgA

C. IgM & IgG

D. Macrophages

Answer: D



Watch Video Solution

41. Which one is unrelated ?

(A) Cholera

(B) Malaria

(C) Typhoid

(D) Pneumonia

A. Cholera

B. Malaria

C. Thypoid

D. Pneumonia

Answer: B



Watch Video Solution

42. Which effect is having long time and extreme?

A. Innate immunity

B. Secondary immunity

C. Primary immunity

D. Primary effect

Answer: D



Watch Video Solution

43. Through which part of the body, Typhoid bacteria enter ?

A. Nose

B. Mouth

C. Anus

D. ears

Answer: B



Watch Video Solution

44. What is the length of the adult filarial female worm.

A. 60 mm

B. 40 mm

C. 120 mm

D. 80 mm

Answer: D



Watch Video Solution

45. 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

A. to release sporozoites

B. to cause irritation

C. to prevent blood clotting

D. None of these

Answer: A



Watch Video Solution

46. Colour of colostrum fluid is

A. white

B. red

C. yellow

D. colourless

Answer: C



Watch Video Solution

47. In macrophages, RNA genome of virus replicates with the help of enzyme.

- A. RNA polymerase
- B. DNA polymerase-III
- C. Reverse transcriptase
- D. Polymerase transcriptase

Answer: C



Watch Video Solution

48. Due to uncontrolled cell division in body which disease occurs ?

A. AIDS

B. Cancer

C. Pneumonia

D. Malaria

Answer: B



Watch Video Solution

49. What is PMNL ?

- A. Physical barrier
- B. Physiological barrier
- C. Cellular barrier
- D. Cytokine barrier

Answer: C



Watch Video Solution

50. Blood cancer is -

A. Chloremia

B. Leukemia

C. Uremia

D. Protemia

Answer: B



Watch Video Solution

51. Statement P: In HIV, genetic material is DNA.

Statement Q : AIDS damages immune system and it is a fatal disease.

A. Statement P and statement Q both are true

B. Statement P and statement Q both are false

C. Statement P is true and statement Q is false

D. Statement P is false statement Q is true

Answer: D



Watch Video Solution

52. The tears falling from eyes and saliva in the mouth are which kinds of barrier of Innate immunity?

A. Physical Barrier

B. Physiological barrier

C. Cellular barrier

D. Cytokine barrier

Answer: B



Watch Video Solution

53. Match the followings:



A. (p - i) (q- ii) (r - iii) (s - iv)

B. (p - ii) (q- iii) (r - i) (s - iv)

C. (p - iii) (q- iv) (r - i) (s - ii)

D. (p - iv) (q- iii) (r - ii) (s - i)

Answer: D



View Text Solution

54. The infective state of malaria parasite plasmodium that enters human body is

A. Merozoite

B. Sporozoite

C. Trophozoite

D. Minuta form

Answer: B



Watch Video Solution

55. How is AIDS Transmitted ?

A. Heterosexual or homosexual physical contact with AIDS patient.

B. HIV infected blood transfusion

C. By reusing the needle or syringe used by an AIDS patient.

D. All of the above

Answer: D



Watch Video Solution

56. Active immunity develops from.....

A. antibodies

B. weakened germs in injection

C. live germs in injection

D. blood transfusion

Answer: A



Watch Video Solution

57. AIDS is due to

A. reduction in number of helper T-cells

B. reduction in number of killer cell T-cells.

C. autoimmunity

D. non-production of interferon

Answer: A



Watch Video Solution

58. Which lymph organ is situated near the heart and below the sternum?

A. Thymus

B. Spleen

C. Tonsil

D. Adenoids

Answer: A



Watch Video Solution

59. Infectious disease are carried by which type of organisms?

A. Virus

B. Bacteria

C. Fungi

D. All of the above

Answer: D



Watch Video Solution

60. Antibody is represented as

(A) H_4L_4

(B) H_2L_2

(C) H_2L_3

(D) H_3L_2

A. H_4L_4

B. H_2L_2

C. H_2L_3

D. H_3L_2

Answer: B



Watch Video Solution

61. What is present in the saliva of Anopheles mosquito ?

(A) Sporozoites

(B) Cryptomerozoites

(C) Metacryptoschizont

(D) Trophozoite

A. Sporozoites

B. Cryotomerozoites

C. Metacryptoschizont

D. Trophozoite

Answer: A



Watch Video Solution

62. In which disease liquid accumulates in alveoli and bronchiole tubes ?

(A) Typhoid

(B) AIDS

(C) Pneumonia

(D) Malaria

A. Pneumonia

B. Typhoid

C. AIDS

D. Malaria

Answer: A



Watch Video Solution

63. Treatment of cancer is

A. surgery

B. radiation therapy

C. immunotherapy

D. all the above

Answer: D



Watch Video Solution

64. Which substance is used in cough syrup?

A. Cocaine

B. LSD

C. Morphine

D. Codeine

Answer: D



Watch Video Solution

65. Every year approximately how many people suffer from typhoid ?

A. 1.5 million

B. 1.3 million

C. 2.3 million

D. 2.5 million

Answer: D



Watch Video Solution

66. The use of cannabis products bhang, ganja, charas, marijuana are hashish causes

A. Depression of brain activity and feeling of calmness.

B. Alters thoughts, perception

C. Suppresses brain function and relieves pain

D. Stimulates the nervous system and increases alertness and activity.

Answer: B



Watch Video Solution

67. Simple cells converted into cancer cells by the process of

- A. Physical factors
- B. Chemical factors
- C. Biological factors
- D. All the above

Answer: D



Watch Video Solution

68. Whose main active element is Delta - 9-Tetra-hydrocannabinol ?

A. Codeine

B. Marijuana

C. Morphine

D. Heroin

Answer: B



Watch Video Solution

69. It is used by people to keep awake at night.

- A. Barbiturates
- B. Amphetamine
- C. LSD
- D. THC

Answer: B



[Watch Video Solution](#)

70. In French .des. means

A. rest

B. away

C. ease

D. near

Answer: B



[View Text Solution](#)

71. The bad performance of body or body's part with some particular symptoms is called

.....

(A) Vaccination

(B) Disease

(C) Immunity

(D) Infection

A. Vaccination

B. Disease

C. Immunity

D. Infection

Answer: B



Watch Video Solution

72. Which part of the opium has medicinal property?

A. Leaves

B. Mature seeds

C. Immature seeds

D. Flowers

Answer: C



Watch Video Solution

73. Which cancer can be diagnosed by 'PAP smear' test?

A. Prostate gland

B. Uterus

C. Ulcer

D. Kidney

Answer: B



Watch Video Solution

74. Discriminate unrelated pair.

A. Endoerythrocytic cycle - Trophozoite.

B. Exoerythrocytic cycle - Merozoite.

C. Preerythrocytic cycle - Cryptoschizont

D. Female Anopheles - Ookinete.

Answer: B



View Text Solution

75. Opioids is obtained from .

A. flower

B. unripened fruit

C. ripened fruit

D. leaves

Answer: B



[View Text Solution](#)

76. Through blood larva of filariasis are transferred to

(A) Lymphatic vessels

(B)) Lymphatic gland

(C) Blood vessels

(D) Both (A) and (B)

A. Lymphatic vessels

B. Lymphatic gland

C. Blood vessels

D. Both (A) and (B)

Answer: D



Watch Video Solution

77. Generally Pneumonia occurs in which age group of human ?

(A) Infants

(B) Children

(C) Young

(D) Old

A. Infants

B. Children

C. Young

D. Old

Answer: D



View Text Solution

78. Which stage is common in mosquito and human during the life cycle of mosquito ?

A. Gametocytes

B. Sporozoites

C. Trophozoite

D. Both (A) and (B)

Answer: D



Watch Video Solution

79. Which of the following statements is false ?

- A. From filarial infection, there is fever in acute condition.
- B. In chronic condition the worm blocks lymphatic vessels.
- C. The leg gets deformed and swells.
- D. Filariasis is a fatal disease.

Answer: D



View Text Solution

80. Morphine obtained from opium is

A. latex

B. pome

C. alkaloid

D. tannin

Answer: C



Watch Video Solution

81. Which is the primary lymph organ?

A. Bone marrow

B. Spleen

C. Tonsils

D. Lymph node

Answer: A



Watch Video Solution

82. S - Cytokine barrier protects the cells from viral infections.

R - Viral infected cells secrete inteferon proteins.

(A) S & R are True. R is an explanation of S.

(B) S&R are True. R is not the explanation of S.

(C) S is True & R is False.

(D) S is False & R is True.

A. S & R are True. R is an explanation of S.

B. S&R are True. R is not the explanation of

S.

C. S is True & R is False.

D. S is False & R is True.

Answer: A



Watch Video Solution

83. Which of the following is used by sports person to increase muscular strength?

A. Morphine

B. Anabolic steroid

C. Fatty acid

D. Methanol

Answer: B



Watch Video Solution

84. Assertion [A] : MRI is the best method to detect tumors.

Reason [R]: It does not involve radiation.

A. A is correct and R is explanation to A.

B. A is correct and R is not an explanation to A.

C. A is true and R is wrong.

D. A is wrong and R is true.

Answer: A



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85. The genome of retrovirus is

(A) single stranded DNA

(B) double stranded RNA

(C) double stranded DNA

(D) single stranded RNA

A. single stranded DNA

B. double stranded RNA

C. double stranded DNA

D. single stranded RNA

Answer: D



Watch Video Solution

86. S-Typhoid is diagnosed by widal test.

R - Pneumonia is diagnosed by WB test.

A. S & Rare True. R is an explanation of S.

B. S&R are True. R is not the explanation of

S.

C. S is True & R is False.

D. S is False & R is True.

Answer: C



Watch Video Solution

87. Match the followings :



A. (p - ii) (q - v) (r - iv) (s - iii) (t-i)

B. (p - i) (q- ii) (r - iii) (s - iv) (t v)

C. (P-V) (q - iv) (r - iii) (s - ii) (t - i)

D. (p - ii) (q- iii) (r - iv) (s - i) (t-v)

Answer: A



View Text Solution

88. Which of the following is not correctly matched ?

(A) Thymus - Maturation of B-cells

(B) Bone Marrow - main lymphoid organ

(C) Spleen - Treasure of erythrocytes

(D) Respiratory tract - MALT

A. Thymus - Maturation of B-cells

B. Bone Marrow - main lymphoid organ

C. Spleen - Treasure of erythrocytes

D. Respiratory tract - MALT

Answer: A



Watch Video Solution

89. S - The secondary response is very intensive.

R - For secondary response B-cells and T-cells are responsible.

A. S & R are True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: B



Watch Video Solution

90. is an example of carcinoma.

A. cancer of blood

B. cancer of lymph gland

C. cancer of muscle

D. melanoma (cancer of skin)

Answer: D



Watch Video Solution

91. How many polypeptide chains are present in the molecule of antibody ?

A. 2

B. 4

C. 5

D. 8

Answer: B



Watch Video Solution

92. S - Thymus gland is a primary lymph organ.

R - Bone marrow is a secondary lymph organ.

A. S & R are True. R is an explanation of S.

B. S&R are True. R is not the explanation of

S.

C. S is True & R is False.

D. S is False & R is True.

Answer: C



Watch Video Solution

93. With the help of which enzyme the viral RNA is duplicated in host cell

A. Transcriptase

B. Reverse polymerase

C. Polymerase

D. Reverse transcriptase

Answer: D



Watch Video Solution

94. Which disease can not be controlled by taking vaccination ?

A. Pneumonia

B. Filariasis

C. Diphtheria

D. Polio

Answer: B



Watch Video Solution

95. On which mediator host, the microflaria enters?

A. Anopheles

B. Microspore

C. Trichophyton

D. Culex fatigon

Answer: D



Watch Video Solution

96. In how many days, in Culex fatigon mosquito, the cater piller develops from the micro filaria?

A. 5 to 8 days

B. 2 to 6 days

C. 20 days

D. 10 days

Answer: D



View Text Solution

97. Assertion A: In Pneumonia, burning is felt in alveolar wall which secretes the protein filled fluid.

Reason R : The lungs do not get enough oxygen in pneumonia.

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

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

C. A is true and R is false.

D. A is false and R is true.

Answer: A



View Text Solution

98. S-Feeding to new born baby by a mother is very very necessary

R- There are many antibodies in colostrum

A. S & R are True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: B



Watch Video Solution

99. Which of the following statements are true

?

(a) The sporozoites present in saliva are introduced to human liver.

(b) Sporozoite contains a small nucleus in centre

(c) Growing over the food from the liver cells sporozoites become spherical in shape.

(d) Schizogony a kind of asexual reproduction is found in cryptoschizont.

- A. only (a)
- B. (b) and (c) only
- C. (c) and (d) only
- D. all

Answer: C



View Text Solution

100. Which disease occurs by filarial worm ?

- A. Ring worm
- B. Pneumonia
- C. Elephantiasis
- D. Malaria

Answer: C



Watch Video Solution

101. What is called as skin cancer ?

A. Leukemia

B. Melanoma

C. Sarcoma

D. Lymphoma

Answer: B



Watch Video Solution

102. Match the correct set :



A. $(a - 4) (b-1) (c-2) (d - 3)$

B. $(a - 3) (b - 4) (c-2) (d - 1)$

C. $(a - 1) (b-2) (c-3) (d-4)$

D. $(a - 2) (b-3) (c-4) (d - 1)$

Answer: D



View Text Solution

103. "The foetus obtain some antibodies from the mother through the placenta during pregnancy" It is an example of

- A. Active immunity
- B. Passive immunity
- C. innate immunity
- D. Acquired immunity

Answer: B



Watch Video Solution

104. Ringworm in human is caused by :-

A. Plasmodium

B. Fungus

C. Bacteria

D. Virus

Answer: B



Watch Video Solution

105. The organism that causes elephantiasis belongs to

A. insecta

B. protozoa

C. nematoda

D. coelenterata

Answer: C



Watch Video Solution

106. Response against allergic inflammation is given by which substance which is produced by mast cells?

A. Histamine

B. Antibody

C. Antigen

D. None

Answer: A



Watch Video Solution

107. Diseases are classified into

- A. Infectious disease only
- B. Non-infectious disease only
- C. Infectious and non-infectious
- D. Harmful diseases

Answer: C



Watch Video Solution

108. is a very sensitive phase of mental and psychological development.

A. Childhood

B. Adolescence

C. Young age

D. Old age

Answer: B



Watch Video Solution

109. Diseases are classified into how many types ?

A. Two

B. Four

C. Six

D. Eight

Answer: A



Watch Video Solution

110. Pneumonia is spreading by

A. Water and food

B. Coughing and sputum

C. Sneezing and coughing

D. All the above

Answer: B



Watch Video Solution

111. From where do soprozoites obtain food and become spherical in shape ?

A. Human blood

B. Anopheles saliva

C. Human Saliva

D. Human Liver cells

Answer: D



Watch Video Solution

112. Ringworm is a disease occurred by fungus,Trichophyton.

R - Ringworm spreads due to use of towel, cloth and combs of infectious people.

A. S & R are True. R is an explanation of S.

B. S&R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: B



Watch Video Solution

113. By sexual reproduction oocyst is converted
in to

- A. Sporozoite
- B. Trothozoite
- C. Merozoite
- D. Gemozoite

Answer: B



Watch Video Solution

114. What is Elephantiasis or Filariasis, mention its causative, symptoms and mode of transmission ?

- A. The presence of filarial worm virus on the wall
- B. By hiring of Filarial worm
- C. Micro filarial
- D. Dead matured filarials

Answer: C



Watch Video Solution

115. Which of the following diseases spreads by sneezing and coughing of an infectious person?

- A. Typhoid
- B. Pneumonia
- C. Common Cold
- D. Malaria

Answer: C



Watch Video Solution

116. Which of the following substances is obtained from fungus Ergot?

A. Cannabinoids

B. LSD

C. Cocaine

D. Barbiturates

Answer: B



Watch Video Solution

117. PMNL stands for

- A. Polymorpho Nuclear leucocytes
- B. Polymer Nuclear Leucocytes
- C. Polymorphic Nuclear Leucocytes
- D. Polymorpho Nuclear Lymphocyte

Answer: A



Watch Video Solution

118. What is Passive immunity ?

A. It comes in heredity from the parents.

B. It is obtained vaccination.

C. It is obtained while responding the disease first time.

D. It is obtained by direct entry of antibodies in the body.

Answer: D



Watch Video Solution

119. S-Fever and weakness are the symptoms of malaria.

R- Plasmodium decomposes the Hb and destroy the RBCs.

A. S & Rare True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: A



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120. Which immunity is acquired by hereditary?

A. Innate immunity

B. Acquired immunity

C. Specific immunity

D. Humeral immunity

Answer: A



Watch Video Solution

121. What is the length of the adult filarial female worm.

A. 40 mm

B. 80 mm

C. 70 mm

D. 60 mm

Answer: A



Watch Video Solution

122. Viral DNA enters the

A. host cell membrane

B. host cell cytoplasm

C. host cell nucleus

D. host cell DNA

Answer: D



Watch Video Solution

123. Which of the following diseases is not caused by a mosquito ?

A. Malaria

B. Diptheria

C. Filariasis

D. Dengue

Answer: B



Watch Video Solution

124. Plasmodium passes from how many stages in human beings?

A. One

B. Two

C. Three

D. Four

Answer: C



Watch Video Solution

125. Which substance present in tobacco stimulates adrenal gland ?

(A) codeine

(B) morphine

(C) nicotine

(D) barbiturates

A. Codeine

B. Morphin

C. Nicotine

D. Barbiturates

Answer: C



Watch Video Solution

126. What are interferons ? How do interferons check infection of new cells?

A. Mitochondria

B. Viral cell

C. Bacteria

D. Protozoa

Answer: B



Watch Video Solution

127. Full forms of ARC

A. Second stage of AIDS

B. Not connected with AIDS

C. Fetal effect

D. None of above

Answer: A



Watch Video Solution

128. Interferon .

A. Physical barrier

B. Cellular barrier

C. Physiological barrier

D. Cytoplasmic barrier

Answer: D



Watch Video Solution

129. What is not done for attaining good health ?

A. Ignorance of diseases

B. Proper disposal of wastage

C. Vaccination against infectious diseases

D. Arrangement of water resources.

Answer: A



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130. By which cell present in the blood primary and secondary immunity response is given ?

A. Lymphatic cells

B. Phagocytes

C. PMNL neutral cells

D. Killer cells

Answer: A



Watch Video Solution

131. Which structure is found at the end of cryptoschizont asexual reproduction ?

A. Oocyst

B. Oogony

C. Schizogony

D. Schizont

Answer: C



View Text Solution

132. Which of the following is not related to cancer?

A. Continuous cell division

B. Tumor formation

C. Cancer cells spread to other parts through blood or vessels.

D. It is transmitted from one person to other.

Answer: D



Watch Video Solution

133. Sporozoites puncture the cell membrane of host cell by

A. hyaluronidase

B. lytic juice

C. lysin enzyme

D. none

Answer: C



Watch Video Solution

134. Cryptomerozoites are products of

A. Sporogony in gut wall of mosquito host

B. Schizogony in liver cells of man

C. Schizogony in RBC.s of man

D. Gametogony in the gut of mosquito

Answer: B



Watch Video Solution

135. S - In the body, IgE type of antibodies are produced against allergens.

R- With the help of histamine and serotonin, the allergy can be removed immediately.

A. S & R are True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: C



Watch Video Solution

136. Cirrhosis is caused due to

A. Bacteria

B. Fungi

C. Addiction

D. Virus

Answer: C



Watch Video Solution

137. Which diseases are easily transmitted from one person to another ?

- A. Infectious disease
- B. Non-infectious disease
- C. Normal disease
- D. Harmful disease

Answer: A



Watch Video Solution

138. Which of the following disease is not caused due to smoking ?

A. Malaria

B. Lung cancer

C. Inflammation of Neck

D. Liver cirrhosis

Answer: A



Watch Video Solution

139. The ability of the host to fight against infectious disease is decided by.....

A. Endocrine system

B. Immune system

C. Nervous system

D. Hormonal system

Answer: B



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140. Female gametocyte are recognized as

A. mega gamete

B. microgamete

C. mini gamete

D. max gamete

Answer: A



Watch Video Solution

141. Which of the following is a correct statement ?

A. B-cells directly engulf the pathogenic bacteria

B. B-cells produce antibodies soon after they are produced

C. B-cells produces a large clone of plasma soon after it is formed.

D. B-cells produce the plasma cells in the body only after they are triggered by a specific antigen.

Answer: B



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142. is an unclear by product of Heroine.

A. LSD

B. Smack

C. Cannabinoids

D. THC

Answer: B



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143. In HIV genetic material is

(A) Only DNA

(B) Only RNA

(C) DNA and RNA

(D) Nucleoprotein

A. Only DNA

B. Only RNA

C. DNA and RNA

D. Nucleoprotein

Answer: B



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144. Incubation Period of Pneumococcal is

- (A) One to three months
- (B) One to three weeks
- (C) One to three days
- (D) One to three hours

A. One to three months

B. One to three weeks

C. One to three days

D. One to three hours

Answer: C



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145. Sometimes the own body cells attack on the body what is called it ?

(A) Allergy

(B) Immuno deficiency Syndrome

(C) Carcinoma

(D) Auto immune Disease

A. Allergy

B. Immuno deficiency Syndrome

C. Carcinoma

D. Auto immune Disease

Answer: D



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146. Which of the following relieves pain and calms excitements ?

(A) Morphine

(B) Quinine

(C) Turmeric

(D) Reserpine

A. Morphine

B. Quinine

C. Turmeric

D. Reserpine

Answer: A



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147. breaks the liver cells and comes out.

- A. Trophozoite
- B. Sporozoites
- C. Metacryptoschizont
- D. Merozoites

Answer: C



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148. How many barriers are there in Innate immunity?

(A) Two

(B) Three

(C) Four

(D) Five

A. Two

B. Three

C. Four

D. Five

Answer: C



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

- (A) Pyrogens
- (B) Histamine

(C) Interferon

(D) None of these

A. Pyrogens

B. Histamine

C. Interferon

D. None of these

Answer: B



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150. Which group of human becomes more inclined towards work ?

A. Developed

B. Healthy

C. Diseased

D. Famous

Answer: B



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151. The tears falling from eyes and saliva in the mouth are which kinds of barrier of Innate immunity?

A. S & R are True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True

Answer: C



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152. Assertion (A): Codeine causes addiction.

Reason (R) : Codeine is an opium-derivative.

A. A and R are true and R is the correct explanation of assertion.

B. A and R are true but R is not the correct explanation of assertion.

C. A is true but R is false.

D. A is false but R is true.

Answer: B



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153. Diseases which are spread by mosquito can be controlled by fishes like.....

A. Gambusia

B. Catla

C. Rohu

D. Cat fish

Answer: A



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154. When do we feel uneasy?

- (A) Function of different parts of body are affected.
- (B) Function of body systems are affected.
- (C) Symptoms of different diseases are seen
- (D) All the above

- A. Function of different parts of body are affected.
- B. Function of body systems are affected.
- C. Symptoms of different diseases are seen
- D. All the above

Answer: D



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155. S - The secondary response is very intensive.

R - For secondary response B-cells and T-cells are responsible.

A. When pathogen comes in contact for first time.

B. When pathogen comes in contact for second time.

C. When pathogen is present right from birth.

D. When our body does not come in connect with pathogens.

Answer: B



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156. Which of the following is used by sports persons ?

A. *Atropa beladona*

B. *Datura cannabinoid*

C. Both .A. and .B.

D. None of these

Answer: C



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157. Cells involved in immune mechanism are

A. erythrocytes

B. lymphocytes

C. eosinophils

D. thrombocytes

Answer: B



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158. Where are IgA, IgM and IgE antibodies found ?

A. Skin

B. blood

C. lymph

D. glands

Answer: B



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159. Which of the following is not a type of cancer ?

A. Hybridoma

B. Carcinoma

C. Sarcoma

D. Leukemia

Answer: A



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160. What is done to find out the reason of allergy ?

A. A.Blood test of patient is done

B. B.The minute quantity of allergens is given to the patient

C. C.MB test is done.

D. D,Histological tests are done.

Answer: B



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161. By which cell present in the blood primary and secondary immunity response is given ?

A. B-lymphocytes

B. T-lymphocytes

C. H-lymphocytes

D. Both (A) and (B)

Answer: D



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162. S- Filarial worm is ovaviviparous.

R - The kid worms of filaria are known as microfilaria.

A. S & R are True. R is an explanation of S.

B. S & R are True. R is not the explanation of S.

C. S is True & R is False.

D. S is False & R is True.

Answer: D



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163. Culex fatigan is a

(A) Worm

(B) Virus

(C) Mosquito

(D) Bacteria

A. Worm

B. Virus

C. Mosquito

D. Bacteria

Answer: C



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164. Write the correct sequence about the HIV infection.

(1) HIV enters in helper T-cells.

(2) Viral DNA enters in host DNA.

(3) HIV gene becomes duplicated in viral DNA.

(4) Macrophage acts as a factory of HIV.

(5) HIV enters in macrophage.

A. 1, 4, 5, 3, 2

B. 5, 2, 3, 1, 4

C. 4, 5, 2, 3, 1

D. 5, 3, 2, 4, 1

Answer: D



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165. Slow respiration, slow pulse rate and constriction of pupil occurs due to drug addiction of

(A) Morphine and opium

(B) Cocaine and heroin

(C) Alcohol and thalidomide

(D) Nicotine and caffeine

A. Morphine and opium

B. Cocaine and heroin

C. Alcohol and thalidomide

D. Nicotine and caffeine

Answer: A



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166. Immunity acquired after an infection is.....

(A) active immunity

(B) passive immunity

(C) innate immunity

(D) both (B) and (C)

A. active immunity

B. passive immunity

C. innate immunity

D. both (B) and (C)

Answer: A



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167. LSD is prepared from

- (A) Lichen
- (B) Algae
- (C) Fungus
- (D) Bacteria

A. Lichen

B. Algae

C. Fungus

D. Bacteria

Answer: C



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168. The unrestraint growth of specific tissues in the body result in non-infectious disease like

(A) AIDS

(B) Pneumonia

(C) Cancer

(D) Typhoid

A. AIDS

B. Pneumonia

C. Cancer

D. Typhoid

Answer: C



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169. Which of the following is an infectious disease ?

A. Obesity

B. Anemia

C. Common cold

D. Goiter

Answer: C



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170. Which chemical is the treatment used for allergens ?

A. Histamine

B. Adrenaline

C. Nor Adrenaline

D. Prostagladins

Answer: B



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171. From where Marijuana is obtained ?

(A) From flower tops, leaves and resin of Cannabis plants.

(B) From argot fungus

(C) From the root of Cannabis sativa

(D) From the plant coca

A. From flower tops, leaves and resin of Cannabis plants.

B. From argot fungus

C. From the root of Cannabis sativa

D. From the plant coca

Answer: A



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172. Assertion [A] : Heroin is also called smack.

Reason [R] : Heroin is an opium alkaloid.

A. A is true and R are true, it is correct explanation of A.

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

C. A is true but R is false.

D. A is false but R is true.

Answer: C



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173. Which part of *Erythroxylum coca* is used in production of cocaine ?

(A) Dry leaves

(B) Inflorescence

(C) Flower

(D) Root

A. Dry leaves

B. Inflorescence

C. Flower

D. Root

Answer: A



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174. In human beings which of the following stages of Plasmodium is not seen ?

A. Pre-erythrocytic cycle

B. Post-erythrocytic cycle

C. Exo-erythrocytic cycle

D. Endo erythrocytic cycle

Answer: B



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175. In hepatocyte, the sporozoite becomes spherical by getting nutrition. What is called it ?

- A. Trophozoite
- B. Cryptoschizont
- C. Metacryptomerozoite
- D. Cryptomerozoite

Answer: B



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176. Which factors help fungus to grow in skin fold?

(A) Heat

(B) Moisture

(C) Pressure

(D) Both (A) and (B)

A. Heat

B. Moisture

C. Pressure

D. Both (A) and (B)

Answer: D



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177. Match the followings :



A. (p - i) (q- ii) (r - iii) (s - iv)

B. (p - iii) (q- iv) (1 - i) (s - ii)

C. (p - iv) (q- iii) (r - ii) (s - i)

D. (p - iii) (q- i) (r - ii) (s - iv)

Answer: B



View Text Solution

178. Which parasite secretes digestive enzymes and breaks the haemoglobin ?

A. Trophozoite

B. Sporozoite

C. Schizont

D. Merozoites

Answer: A



View Text Solution

179. Write a note on a chemical which interacts with the cannabinoid receptors present in the brain ?

- A. Opioids
- B. Cannabinoids
- C. Coca
- D. None of these

Answer: B



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180. Into which stage Schizont is converted by asexual reproduction ?

A. Sporozoite

B. Merozoite

C. Trophozoite

D. Microzoite

Answer: B



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181. Marijuana is extracted from

(A) Dried leaves and flowers of hemp plant

(B) Ergot fungus

(C) Roots of hemp plant

(D) Coca plant

A. Dried leaves and flowers of hemp plant

B. Ergot fungus

C. Roots of hemp plant

D. Coca plant

Answer: A



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182. Who is first host of Filarial worms?

(A) mosquito

(B) pig

(C) human being

(D) none of these

A. mosquito

B. pig

C. human being

D. none of these

Answer: C



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183. Causative factor of cancer is called

A. tumors

B. virus

C. carcinogens

D. None of these

Answer: C



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184. Which substance is used to relieve stress in stomach and intestine ?

A. Codeine

B. Cocaine

C. LSD

D. Morphine

Answer: A



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185. When infected mosquito bites the host human, the larva enter his

A. blood

B. saliva

C. skin

D. muscles

Answer: C



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186. Where does the larva of filariasis get mature ?

(A) In Anopheles mosquito

(B) Culex fatigans

(C) Human lymphatic vessels

(D) Human saliva

A. In Anopheles mosquito

B. Culex fatigans

C. Human lymphatic vessels

D. Human saliva

Answer: C



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187. Which part of opium after losing its medicinal property is used as food ?

A. Leaves

B. Mature seeds

C. Immature seeds

D. Flowers

Answer: B



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188. During infection T-cells interact with
.....

A. Macrophages

B. B-cells

C. Infected cells

D. Erythrocytes

Answer: C



View Text Solution

189. Which is the fastest infectious disease ?

A. Hepatitis - B

B. AIDS

C. Cough and cold

D. Malaria

Answer: C



View Text Solution

190. Which type of disease is caused by Plasmodium falciparum protozoan?

A. Pneumonia

B. Jaundice

C. Diarrhoea

D. Malaria

Answer: D



View Text Solution

191. Match the following :



A. (p-i-w) (q-ii-x) (r-ii-v) (s-iv-u)

B. (p-iii-w) (q-iv-x) (r-ii-v) (s-i-u)

C. (p-ii-x) (q-iii-y) (r-i-w) (s-iv-u)

D. (p-iv-y) (q-ii-x) (r-i-w) (s-iii-v)

Answer: B



View Text Solution

192. Charas, hashish, ganja, drugs are obtained from which part of the plant?

A. Root

B. Dried leaves

C. Inflorescences

D. Both (B) and (C)

Answer: D



View Text Solution

193. Match the followings:



A. (p - i) (q- ii) (r - iii) (s - iv) (t -v)

B. (p - v) (q- iv) (r - ii) (s - ii) (t - i)

C. (p - v) (q-i) (r - ii) (s - iv) (t - iii)

D. (p - v) (q- ii) (r - iv) (s - i) (t - iii)

Answer: C



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194. Which age duration of a person is known as adolescence ?

A. 12-18 years

B. 12-17 years

C. 18-20 years

D. 12-16 years

Answer: A



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195. Which of the following is not obtained from cannabis indica ?

A. Cannabinoids

B. Charas

C. Marijuana

D. Ganja

Answer: C



View Text Solution

196. in tissues can engulf and destroy microbes.

A. Macrophage

B. Lymphocytes

C. Killer cells

D. Plasmid cells

Answer: A



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Section F Multiple Choice Question Mcqs Asked In Competitive Exam

1. What is called the spreading of cancerous cells in the body?

- A. Metastasis
- B. Mutation
- C. Uncurable tumor
- D. Carcinogen

Answer: A





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2. Which disease is spread by mosquito but does not occur by virus ?

- A. Yellow fever
- B. Dengue fever
- C. Meningitis
- D. Filariasis

Answer: D



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3. In plasmodium, gametocytes are formed from

A. Schizont

B. Trophozoite

C. Sporozoite

D. Merozoite

Answer: D



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4. Tears of eyes and saliva of mouth are the example of which type of barrier ?

- A. Physical barrier
- B. Cytokine barrier
- C. Physiological barrier
- D. Cellular barrier

Answer: C



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5. Interferon are

A. anti-bacterial protein

B. anti-viral protein

C. complex protein

D. anticlotting protein

Answer: B



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6. Trophozoites of plasmodium occur in

A. liver cells

B. spleen

C. lymph

D. RBC

Answer: D



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7. LSD is

A. Lysine diethylamide

B. Lysergic acid diethylamide

C. Lysine dimethylamide

D. Lysergic acid dimethylamide

Answer: B



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8. Treatment of cancer by X-rays or gamma rays is

A. Radiotherapy

B. Chemotherapy

C. Surgery

D. Immunotherapy

Answer: A



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9. What provides immunity against the diseases ?

A. Antigen

B. IgG

C. Histamine

D. HIV protein

Answer: B



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

A. T-lymphocytes

B. B-lymphocytes

C. thrombocytes

D. erythrocytes

Answer: A



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11. Infection of *Ascaris* usually occurs by

A. drinking water containing egg of *Ascaris*

B. eating imperfectly cooked pork

C. tse-tse fly

D. mosquito bite

Answer: A



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12. Which one of the following fungi contains hallucinogens?

A. *Morchella esculenta*

B. *Amanita muscaria*

C. Neurospora sp.

D. Ustilago sp.

Answer: B



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

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

B. When the infected retro virus enters
host cells

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

D. When the viral DNA is produced by
reverse transcriptase

Answer: C



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14. Which is the particular type of drug that is obtained from the plant whose one flowering branch is shown below?



A. Hallucinogen

B. Depressant

C. Stimulant

D. Pain-killer

Answer: A



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

A. IgG

B. IgD

C. IgM

D. IgA

Answer: D





[View Text Solution](#)

16. Grafted kidney may be rejected in a patient due

- A. humoral immune response
- B. cell-mediated immune response
- C. passive immune response
- D. innate immune response

Answer: B



[View Text Solution](#)

17. Which of the following diseases is caused by a protozoan?

A. Syphilis

B. Influenza

C. Babesiosis

D. Blastomycosis

Answer: C



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

A. Fibrinogen in plasma

B. Serum albumins

C. Haemocytes

D. Serum globulins

Answer: D



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19. Which of the following sets of diseases is caused by bacteria ?

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

Answer: A



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

A. HIV is enveloped virus containing one molecule of single-stranded RNA and one molecule of reverse transcriptase

B. HIV is enveloped virus that contains two identical molecules of single-stranded RNA and two molecules of reverse transcriptase

C. HIV is unenveloped retrovirus

D. HIV does not escape but attacks the acquired immune response.

Answer: B



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

A. harvested antibodies

B. gamma globulin

C. attenuated pathogens

D. activated pathogens

Answer: C



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

A. Mutations destroy telomerase inhibitor

B. Mutations inactivate the cell control

C. Mutations inhibit production of
telomerase

D. Mutations in proto-oncogenes
accelerate the cell cycle

Answer: C



View Text Solution

23. In higher vertebrates, the immune system can distinguish Self-celf. If this property is lost due to genetic abnormality and it attacks self-cells, then it leads to

- A. graft rejection
- B. auto-immune disease
- C. active immunity
- D. allergic response

Answer: B



View Text Solution

24. Asthma may be attributed to

- A. allergic reaction of the mast cells in the lungs
- B. inflammation of the trachea
- C. accumulation of fluid in the lungs
- D. bacterial infection of the lungs

Answer: A



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

- A. Autoimmune response
- B. Cell-mediated immune response
- C. Hormonal immune response
- D. Physiological immune response

Answer: B



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26. MALT constitutes about per cent of the lymphoid tissue in human body.

A. 50 %

B. 20 %

C. 70 %

D. 10 %

Answer: A



27. Which of the following is not an autoimmune disease ?

A. Vitiligo

B. Psoriasis

C. Alzheimer.s disease

D. Rheumatoid arthritis

Answer: C



28. Which part of poppy plant is used to obtain the drug "Smack" ?

A. Leaves

B. Flowers

C. Root

D. Latex

Answer: D



View Text Solution

29. Colostrum, the yellowish fluid, secreted by mother during the initial days of lactation is very essential to impart immunity to the newborn infants because it contains :

A. Natural killer cells

B. Monocytes

C. Macrophages

D. Immunoglobulin A

Answer: D



View Text Solution

30. Which of the following pair of organelles does not contain DNA :

A. Mitochondria and Lysosomes

B. Chloroplast and Vacuoles

C. Lysosomes and Vacuoles

D. Nuclear envelope and Mitochondria

Answer: C



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31. Which of the following immune responses is responsible for rejection of kidney graft?

- A. Auto-immune responses
- B. Humoral immune response
- C. Inflammatory immune response
- D. Cell-mediated immune response

Answer: D



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32. Drug called .Heroin. is synthesized by :

- A. methylation of morphine
- B. acetylation of morphine
- C. glycosylation of morphine
- D. nitration of morphine

Answer: B



View Text Solution

33. Identify the correct pair representing the causative agent of typhoid fever and the confirmatory test for typhoid.

A. Plasmodium vivax/UTI test.

B. Streptococcus pneumoniae/Widal test

C. Salmonella typhi/Anthrone test

D. Salmonella typhi/Widal test

Answer: D



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