

IITJEE Foundation Practice paper

WHY DO WE FALL ILL

class-9-Science Number of Questions: 80

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1

Who discovered vaccine for the first time?

- Alexander Flemming Edward Jenner Robert Hook Robert Brown

2

Pneumonia is an example of a _____ disease.

- chronic disease congenital disease communicable disease
 metabolic diseases

3

Fungal infections cause _____ diseases.

- chronic diseases infectious diseases deficiency diseases
 degenerative cancer diseases

4

WHO stands for

- Wealth and Health Organisation World Humanity Organisation
 World Health Organisation None of the above

5

A person gets Scurvy disease due to the deficiency of

- vitamin K vitamin A vitamin B vitamin C

6

Which of the following is a congenital disease?

- cholera beri beri harelip chicken pox

7

For which of the following chronic conditions did Marshall and Warren find a cure for?

- AIDS small pox plague peptic ulcers

8

Which of the following is caused by viruses?

- malaria typhoid influenza elephantiasis

9

The medicine for Rabies was discovered by

- Edward Jenner Louis Pasteur Alexander Flemming Barry Marshall

10

Which disease does the hyper secretion of the thyroid hormone lead to?

- Addison's disease Kala-azar Sleeping sickness None of the above

11

Which of the following should one not do in order to maintain good health and stay free of diseases?

- Live in a hygienic environment Have a livelihood
 Consume stale and unhealthy food Get vaccinated

12

Deficiency of Vitamin A causes

- Bleeding disease Night blindness Anaemia Dental caries

13

When a female Anopheles mosquito bites a person, what disease is he likely to get?

- influenza typhoid polio malaria

14

Which of the following act like vectors or intermediates?

- house fly head louse mosquito rat flea

15

If a person suffers from pneumonia, which internal organ of his gets affected the most?

- kidney heart lungs pancreas

16

Many skin infections are due to

- Female anopheles mosquitoes Male anopheles mosquitoes Fungi
 Protozoa

17

Health deals with

- Social well being Physical fitness Mental fitness All of the above

18

Name two organisms from which antibiotics are extracted.

- bacteria and fungi fungi and protozoa protozoa and viruses
 viruses and bacteria

19

Name the bacteria which causes typhoid.

- Escherichia coli Balantidium coli Salmonella typhi Shigella typhi

20

Which of the following is incorrect about the contributing factors of a disease?

- Defective hereditary Undernourishment Well economic and social being
 Poor environmental conditions

21

Name the disease in which virus, bacterium and protozoan can be a casual agent.

- malaria diarrhoea plague typhoid

22

What is the technical name of round worm, which causes disease in the small intestine?

- Teania solium Ascaris lumbricoides Plasmodium vivax Escherichia coli

23

What is the common name of Trypanosoma, a protozoan which causes sleeping sickness?

- housefly butterfly sandfly tse-tse fly

24

Name the bacteria which causes acne.

- Campylobacter staphylococcus Salmonella Clostridium

25

What is the infection agent in Severe Acute Respiratory Syndrome (SARS)?

- fungi protozoa bacteria viruses

26

The protozoan organism Leishmania, is the infectious agent for the _____ disease.

- Anthrox Kala-azar Dengue Swine flu

27

If a pregnant woman is suffering from AIDS the child gets the disease by means of the

- genes placenta touch none

28

Name the enzyme present in tears which prevents eye infections.

- Lysozyme Alloenzymes Invertase Chymotrypsin

29

Antibiotics commonly block biochemical pathways important for the growth of ____ and ____

- viruses and fungi fungi and protozoa protozoa and worm fungi and bacteria

30

What is the technical name of Vitamin D?

- Riboflavin Keratin Calciferol Tochopherol

31

For which of the following diseases does the infected person fear water?

- Jaundice Rabies Influenza Diarrhoea

32

Which one of the following is incorrect about tuberculosis?

- It is caused by Salmonella It commonly affects the lungs
 The bacteria releases tuberculin toxin Patients' sputum contains blood

33

Which of the following diseases is not transmitted by mosquitoes?

- Filariasis Dengue Typhoid Malaria

34

Which of the following is not caused by viruses?

- common cold small pox cholera chicken pox

35

Which of the following is a mismatch?

- Typhoid - bacterial infection Malaria - protozoan infection
 Common cold - viral infection Dengue - bacterial infection

36

Which of the following is the correct match?

- Anthrox-viruses Malaria-bacteria Measels-protozoa Cholera-bacteria

37

We should not allow mosquitoes to breed in our surroundings primarily because they

- Are vectors of many diseases Breed and multiply fast Are not pet insects
 They spread infections

38

Who discovered vaccine for the first time?

- Robert Koch Edward Jenner Ronald Ross Allen Porter

39

For the treatment of which disease, was the vaccine discovered for?

- chicken pox Polio small pox cholera

40

Which of these is incorrect regarding vaccination?

- It helps in the development of active immunity.
 It was discovered by Edward Jenner for the first time.
 It is not necessary to get it done. It is an antigen.

41

Name the vaccine which protects babies, when they are immunized within six weeks of birth.

- BCG DPT ORS OPV

42

AIDS disease is also called

- diarrhoea cholera slim disease T.B

43

What is Hydrophobia also called?

- Hepatitis Elephantiasis Rabies Filariasis

44

Which of the following is the incorrect statement?

- The technical name of Vitamin A is Keratin
 Vitamin A is present in carrot and papaya fruits
 Deficiency of vitamin A causes nightblindness
 The over use of vitamin A causes skin diseases

45

Which of the following is a mismatch?

- Vitamin C - scurvy VitaminD - rickets Vitamin K - dental caries
 Vitamin A - nightblindness

46

Which of the following is the wrong pair?

- vitamin A - keratin vitamin K - riboflavin vitamin C - ascorbic acid
 vitamin D - calciferol

47

Trochopheral is the technical name of vitamin _____

- A K D E

48

_____ is a chemical produced by a microorganism, which kills or prevents the growth of other microorganisms.

- antigen antibiotic histamine interferon

49

On which factor does severity of disease manifestations depend?

- Atmospheric conditions Number of antibiotics consumed Number of pathogens
 Personal and domestic hygiene

50

What is the chemical, which kills microbes in the stomach?

- AgCl HCl NaCl None

51

World health day is celebrated on

- 7th May 7th April 6th April 6th May

52

When the body starts rejecting its own cells, it is called

- Immunodeficiency Immunosuppression Autoimmunity None of the above

53

Which of the following scientists worked out the complicated life cycle of the malarial parasite?

- Sir Ronald Ross Robert Koch Edward Jenner Louis Pasteur

54

Which of the following diseases can be contracted by droplet infection?

- malaria small pox rabies pneumonia

55

Interferons make cells resistant to

- Bacterial infection Viral infection Protozoan infection Microbial infection

56

The term allergens refers to

- Specific antibodies Weak antigens Both 1 and 2 None of the above

57

The word pathogen refers to

- A healthy living organism An inoculated organism A disease causing organism
 A cultured organism

58

Diseases communicated by mere contact are called

- Contagious diseases Non contagious diseases Allergies None

59

Diseases caused by bacteria and viruses are

- infectious diseases allergies degenerative diseases
 non infectious diseases

60

An organism that causes a disease is called

- antigen antibiotic pathogen antiviral

61

Antibodies are produced in response to foreign substances known as

- antibiotics antigens antiviral substances none of the above

62

Amoebiasis is caused by

- entamoeba histolytica ascaris lumbricoids wuchereria bancrofti
 plasmodium vivax

63

Which is the incorrect pair?

- Air borne disease - pneumonia Waterborne disease - cholera
 Sexually-transmitted diseases - AIDS Disease through vectors - common cold

64

Which is not an air-borne disease from the following?

- common cold pneumonia malaria tuberculosis

65

Which is not a water-borne disease from the following?

- pneumonia amoebiasis malaria typhoid

66

Which of the following is incorrect regarding communicable disease?

- They are caused by the attack of pathogens
- These diseases arise due to external factors
- These diseases cannot pass from one person to another
- Infection occurs through direct contact or some medium

67

Which of the following is incorrect regarding chronic diseases?

- These last only for a short period of time. The symptoms last for months or years.
- The symptoms are quickly visible
- Typhoid, malaria are the examples of chronic diseases

68

Which of the following which is a bacterial disease?

- common cold measles dengue fever cholera

69

Choose the wrong pair from the following.

- Acute disease - suffering from cold and fever.
- Congenital disease - having six fingers in one hand.
- Chronic disease - Suffering from cardiovascular diseases.
- Deficiency disease - Caused by some biological agents or pathogens.

70

The study of all factors that contribute to the appearance of a particular disease is called

- Etiology Histology Epidemiology Pathology

71

One of the following disease is related to the presence of a microbe in the brain. Which one is it?

- polio pneumonia TB typhoid

72

Match the following according to the part of the human body that is

affected with the disease.

- | | |
|--------------|------------|
| 1) pneumonia | a) legs |
| 2) ulcers | b) lungs |
| 3) jaundice | c) stomach |
| 4) polio | d) liver |

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

73

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

- 1) cancer
- 2) cholera
- 3) dengue
- 4) diabetes

- 1 and 4 2 and 3 2 and 4 3 and 1

74

BCG stands for

- Bacterio Chemical Gangrene Bacteria Culture Growth Bacille Calmette Guerin
 Bacterial Cell Growth

75

Diphtheria affects the

- brain skin throat kidney

76

The uncontrolled and undifferentiated mass of cells is known as

- hypertrophy overgrowth cancer none of the above

77

Which of the following are viral and mosquito borne diseases?

- Filaria and typhus Kala-azar and diphtheria Malaria and chagas disease
 Yellow fever and dengus

78

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

- Health is the state of body and mind in a balanced condition.
- Health is the reflection of a smiling face.
- Health is a state of complete physical, mental and social well-being.
- Health is the symbol of economic prosperity.

79

The treatment of cancer by gamma rays is called

- hormone therapy
- chemotherapy
- radiation therapy
- all of these

80

Find the mismatch pair from the following.

- kala-azar - dumdum fever
- dengue - breakbone fever
- leprosy - Hansen disease
- plague - slim disease

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