



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

NCERT Exemplar Questions +2 (HUMAN HEALTH AND DISEASES)

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 pros-
perity

Answer: c



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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: a



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

A. ELISA - Test

B. ESR - Test

C. PCR - Test

D. Widal - Test

Answer: d



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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

Answer: d



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5. The sporozoites that cause infection when a female Anopheles mosquito bites a human being are formed in

- A. liver of human
- B. RBCs of mosquito
- C. salivary glands of mosquito
- D. intestine of human

Answer: c



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6. The disease chikungunya is transmitted by

A. house flies

B. Aedes mosquitoes

C. cockroach

D. female Anopheles

Answer: b



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

A. Difficulty in respiration, fever, chills, cough, headache

B. Constipation, abdominal pain, cramps, blood clots

C. Nasal congestion and discharge, cough,

sorethroat, headache

D. High fever, weakness, stomach pain, loss

of appetite and constipation

Answer: a



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8. Genes that trigger normal cells to cause cancer are called

A. structural genes

B. expressor genes

C. oncogenes

D. regulatory genes

Answer: c



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9. In malignant tumors, the cells proliferate, grow rapidly and move to other parts of the

body to form new tumour. This stage of disease is called

- A. metagenesis
- B. metastasis
- C. teratogenesis
- D. mitosis

Answer: b



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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: c



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

(i) Lymphocytes becomes more active

(ii) Body attacks self cells

(iii) More antibodies are produced in the body

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

A. i and ii

B. ii and iv

C. iii and iv

D. i and iii

Answer: b



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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: c



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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 Dhatura

D. fruits of Erythroxyll coca

Answer: a



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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

Answer: c



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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: d



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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: b



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17. Tobacco consumption is known to stimulate secretion of adrenaline and noradrenaline. The component causing this could be

A. nicotine

B. tannic acid

C. curaimin

D. catechin

Answer: a



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18. Antivenom against snake poison contains

A. antigens

B. antigen-antibody complexes

C. antibodies

D. enzymes

Answer: c



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

A. Spleen

B. Tonsils

C. Appendix

D. Thymus

Answer: c



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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: c



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21. Haemozoin is a

A. a precursor of hemoglobin

B. a toxin from Streptococcus

C. a toxin from Plasmodium species

D. a toxin from Haemophilus species

Answer: c



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

A. Microsporum

B. Trichophyton

C. Epidermophyton

D. Macrosporum

Answer: d



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23. A person with sickle cell anaemia is

A. more prone to malaria

B. more prone to typhoid

C. less prone to malaria

D. less prone to typhoid

Answer: c



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