



# BIOLOGY

## BOOKS - ARIHANT NEET BIOLOGY (HINGLISH)

### HUMAN HEALTH AND DISEASES

#### Check Point 15 1

1. Health is defined as

A. Mental well being

B. Physical well being

C. Social well being

D. All of these

**Answer: D**



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**2. Hepatitis -A is also known with the following name**

A. Dane particle

B. NANB

C. Epidemic jaundice

D. Rhinitis

**Answer: C**



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**3.  $\alpha$  interferons are used for treatment of**

A. AIDS

B. Common cold

C. Chikungunya

D. Hepatitis - B

**Answer: D**



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**4.** The incubation period for common cold is

A. 3-4 days

B. 3-7 days

C. 1-7 days

D. 1-4 days

**Answer: B**



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5. Which of the following disease is not caused by viruses?

A. Chickenpox

B. Rabies

C. Typhoid

D. Influenza

**Answer: C**



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**6. Which day is celebrated as world rabies day?**

A. 1st December

B. 28th September

C. 1st July

D. 28th November

**Answer: A**



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**7. The vector for dengue fever is**

A. *Aedes aegypti*

B. *Varicella zoster*

C. Rabies virus

D. Human immunodeficiency virus

**Answer: A**



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**8. Which of the following leads to transmission of HIV?**

A. Shaking hands

B. Mosquito bites

C. Sharing meals

D. None of these



**Answer: D**



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**9. Most commonly used test for confirmation of HIV infection is**

A. ELISA

B. Western blot

C. Northern blot

D. Both a and b

**Answer: B**



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**10.** The most commonly used drug for AIDS is

A. Ampicillin

B. Chloramphenicol

C. Penicillin

D. Azidothymidine

**Answer: D**



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## Check Point 15 2

1. The antibiotic used for treatment of typhoid is

A. Ceftriaxone

B. DPT

C. Rifampicin

D. None of these

**Answer: A**



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**2. The diagnostic test for typhoid is**

A. Widal test

B. Wasserman's test

C. Montoux test

D. Lepromin test

**Answer: A**



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**3. Choose the bacteria disease.**

A. Rabies

B. Dengue

C. Diphtheria

D. Hepatitis

**Answer: C**



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4. The substance produced in the infection caused in

A. Isotoxin

B. Exotoxin

C. Antitoxin

D. Endotoxin

**Answer: B**



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5. Which of the following bacteria infection is characterised by lock jaw?

A. Diphtheria

B. Tetanus

C. Cholera

D. Typhoid

**Answer: B**



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6. ORS is given for the treatment of

A. Cholera

B. Tuberculosis

C. Diphtheria

D. None of these

**Answer: A**



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7. The specific test which ensures that patient takes the full course of treatment is

A. Gastric analysis

B. DOTS

C. X-ray

D. Sputum

**Answer: B**



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8. The pathogen for leprosy was first isolated by

- A. Merck in 1996
- B. GA hansen in 1870
- C. Edward jenner in 1798
- D. Koch in 1983

**Answer: B**



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9. The dreaded disease plague is caused by

- A. *Xenopsilla cheopis*
- B. *Yersinia pestis*
- C. *Brordetella pertussis*
- D. *Treponema pallidum*

**Answer: B**



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**10.** The treatment of syphilis is done by

A. Chloroquine

B. Guramin

C. Penicillin

D. Furacin

**Answer: C**



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1. During the malarial infection which of the following act as a vector ?

A. Female anopheles mosquito

B. Entamoeba histolytica

C. Plasmodium

D. None of these

**Answer: A**



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2. Which one of the following protozoan is responsible for most fatal form of malaria?

A. *P. vivax*

B. *P. ovale*

C. *P. malariae*

D. *P. falciparum*

**Answer: D**



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**3. Merozoites undergoes a ring stage inside a RBC to form**

- A. Sporozoites
- B. Schizont
- C. Erythrocyte
- D. None of these

**Answer: B**



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4. In a patient suffering from malaria, haemozoin is released from/by

- A. Plasmodium
- B. Liver cell
- C. Salivary glands of mosquito
- D. Erythrocytes

**Answer: D**



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5. Sleeping sickness is also known as

- A. Giardiasis
- B. Trypanosomiasis
- C. Ascaris lumbricoides
- D. Filariasis

**Answer: B**



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6. Filariasis is also known as

A. Ascariasis

B. Kala-azar

C. Elephantiasis

D. Yellow fever

**Answer: C**



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**7. Ringworm is caused by**

A. Microsporum

B. Trichophyton

C. Epidermophyton

D. All of these

**Answer: D**



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**8. The causal organism for athlete's foot is**

A. Tinea corporis

B. Tinea barbae

C. Tinea pedis

D. Tinea anguium

**Answer: C**



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**9. How is endemic typhus transmitted ?**

A. By rat flea

B. By rat louse

C. R. typhale

D. Both a and b

**Answer: D**



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**10.** The vector for rocky mountain spotted fever is

A. Wood ticks

B. Louse bite

C. Soil

D. None of these

**Answer: A**



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## Check Point 15 4

1. Which of the following is a hormonal disease?

A. Cretinism

B. Diabetes

C. Dwarfism

D. All of these

**Answer: D**



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2. The cells which show rapid abnormal growth are called

A. Neoplastic cells

B. tumour

C. Oncogenes

D. Carcinogens

**Answer: A**



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**3.** The normal cells present in our body do not show uncontrolled growth. This due to property called



A. Hypertrophy

B. Contact inhibition

C. Tumour

D. Heredity

**Answer: B**



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**4.** Which of the following reasons written below is not cause of cancer?

- A. Ionizing radiations
- B. Altered oncogenes
- C. Chemical carcinogens
- D. None of these

**Answer: D**



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**5. Cancer in the body can be detected by**

- A. Computed tomography

B. Widal test

C. ELISA

D. None of these

**Answer: A**



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**6. Transient ischaemic attack is characterised by**

A. Loss of consciousness

B. Low blood pressure

C. Retinoblastoma

D. Skin cancer

**Answer: A**



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7. Mild hypertension is caused due to excess secretion of

A. Renin

B. Epinerphrine

C. Aldosterone

D. All of these

**Answer: D**



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**8.** The increased level of blood sugar in the body is known as

A. Hypoglycemia

B. Hyperglycemia

C. Glycosuria

D. Arthritis

**Answer: B**



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9. Rheumatoid arthritis occurs as a result of inflammation and thickening of

A. Cellular membrane

B. Cartilage

C. Synovial membrane

D. Bone

**Answer: C**



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**10.** The acute inflammation of one or more joints caused by infectious agents is

A. Septic arthritis

B. Rheumatoid arthritis

C. Osteoarthritis

D. Supportive arthritis

**Answer: A**



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**11.** The type of arthritis which occurs as a result of increased level of uric acid in the blood is



A. Septic arthritis

B. Osteoarthritis

C. Rheumatoid arthritis

D. Gout

**Answer: D**



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**12.** Which of the following forms the contributing factor for schizophrenia?

A. Swelling and pain in joints

B. Drugs

C. Psychological process

D. Both b and c

**Answer: D**



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**13.** The branch of science which helps in promoting physical and mental health, disease

and prolonging lifespan through organised community

- A. Health centre
- B. National programmes
- C. Community Health
- D. Health mission

**Answer: C**



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**14.** The main scheme of national programme involves

A. Routing check up of pregnant women

B. Civil sense

C. Creating awareness

D. Both b and c

**Answer: D**



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15. Which chemical is used by blood bank to prevent clotting of blood?

- A. Sodium nitrate
- B. Sodium citrate
- C. Sodium chloride
- D. Sodium bicarbonate

**Answer: B**



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# Chapter Exercises A Taking It Together Assorted Questions Of The Chapter For Advanced Level Practice

1. Cholera and leprosy are

- A. Viral disease
- B. Fungal disease
- C. bacterial disease
- D. Deficiency disease

**Answer: C**



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## 2. Diphtheria affects

A. Brain

B. Skin

C. Throat

D. kidney

**Answer: C**



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3. Organism which causes pertussis is

A. Virus

B. Fungus

C. Gram positive bacillus

D. Gram negative bacillus

**Answer: D**



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4. BCG stands for



A. Bacterio chemical gangrene

B. Bacteria culture growth

C. Bacillus galmette guerin

D. Bacteria cell growth

**Answer: C**



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**5. In 1981, the case of AIDS was recognised by**

A. Robert gallo

B. Luc Montagnier

C. Luc montagnier and robert gallo

D. George kohler and ceasar milstein

**Answer: C**



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**6.** HIV, the human immunodeficiency virus belong to which of the following viral groups?

A. Reoviruses

B. Retroviruses

C. Rhabdoviruses

D. None of these

**Answer: B**



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7. The characteristic features of retroviruses is the presence of

A. DNA plomerase

B. RNA polymerase

C. Reverse transcriptase

D. Restriction endonuclease

**Answer: C**



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**8. HIV, the AIDS causing virus is also known as**

A. HTLV-III

B. HLV-II

C. HTV

D. HTLV-II

**Answer: A**



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**9. AIDS does not transmit from one person to other through**

A. Sexual contacts

B. Blood transfusion

C. Placental contacts (in foetus)

D. Mosquito bites

**Answer: D**



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**10.** Which of the following disease has been eradicated from the world by use of vaccine?

A. Plague

B. Polio

C. Kala azar

D. Smallpox

**Answer: D**



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**11. Azidothymidine (AZT) is/an**

A. Biocatalyst

B. Antibiotic

C. Anti-AIDS drugs

D. Anabolic hormone

**Answer: C**



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**12. Which of the following has been launched by Merck as anti-AIDS drugs in 1996?**

A. AZT

B. Dideoxyinosine

C. Crixivan



D. Gossipol

**Answer: C**



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**13.** Lakshadweep is a ..... Zone of india.

A. Non-TB

B. Non-hepatitis

C. Non-rabies

D. None of these

**Answer: C**



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**14. Arteriosclerosis is a disease related to**

- A. Genetic disorder
- B. Environmental effect
- C. Ageing effect
- D. Mental illness

**Answer: C**



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**15. Break bone fever is**

A. Typhoid

B. Viral encephalitis

C. Kala azar

D. Dengue

**Answer: B**



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**16.** Niclosamide is used for the control of

A. Plague

B. Meningitis

C. Fever

D. Taeniasis

**Answer: D**



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17. Disease spreads by droplet infection is

A. Common cold

B. Smallpox

C. Measles

D. All of these

**Answer: B**



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**18.** The prophylactic measures to eradicate the disease completely is seriously taken by government of india. The disease is

A. Smallpox

B. Chickenpox

C. Polio

D. Influenza

**Answer: C**



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**19.** A disease transferred from mother to child through placenta is

A. German measles

B. Syphilis

C. AIDS

D. All of these

**Answer: D**



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**20.** AIDS is caused by

A. TMV

B. Human T-cell leukaemia virus

C. Bacterium

D. Blood cancer

**Answer: B**



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**21.** Accumulation of tissue fluid can be because of

A. Rouleaux

B. Inflammation

C. Phagocytosis

D. Rupture of RBCs

**Answer: B**



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22. One of the following diseases, where the thymus produced lymphocytes decreases to less than half is

A. Gonorrhoea

B. Salmonella

C. Hepatitis

D. Anthrax

**Answer: C**



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**23.** AIDS causing factors are associated with

A. RNA virus

B. DNA virus

C. Bacteria

D. Protozoa

**Answer: A**



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**24.** Which disease is caused by the activation of proto-oncogenes?

A. Cholera

B. Cancer

C. TB

D. Viral flu

**Answer: B**



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25. AIDS was first reported in

A. Russia

B. France

C. USA

D. Germany

**Answer: C**



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**26.** The disease eradication programme, with reference to mycobacterium leprae is

A. NCCP

B. NFCP

C. NLCP

D. NSEP

**Answer: C**



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27. National programme of communicable diseases, which is caused by vibrio cholerae is

A. NCCP

B. NSEP

C. NLCP

D. NFCP

**Answer: A**



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

A. Pathology

B. Etiology

C. Epidemiology

D. Notifiable disease

**Answer: B**



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**29.** The causative agent of tuberculosis is

- A. Salmonella
- B. Pneumococcus
- C. Streptomyces
- D. Mycobacterium

**Answer: D**



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**30.** AIDS victim was first reported in

A. 1987

B. 1981

C. 1990

D. 1980

**Answer: B**



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**31. Yellow fever is**

A. Viral disease

B. Bacterial disease

C. By protozoan

D. None of these

**Answer: A**



**Watch Video Solution**

**32. Hydrophobia is a feature of which disease?**

A. Poliomyelitis

B. Measles

C. Rabies

D. Hepatitis

**Answer: C**



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**33.** Injection of antitoxin or toxoid serum is given to prevent

A. Diphtheria

B. Smallpox

C. Chickenpox

D. Chronic headache

**Answer: A**



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**34.** Uncontrolled and undifferentiated mass of cell is found in disease

A. Tendon

B. Overgrowth

C. Cancer

D. Hypertrophy

**Answer: C**



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**35.** Edward Jenner is the discoverer of principle of

A. BCG

B. Immunisation against polio

C. Passive vaccination

D. Active vaccination

**Answer: D**



**Watch Video Solution**

**36. Hepatitis - A is caused by**

A. Sexual contacts

B. Blood transfusion

C. Mosquito

D. Faecal contamination

**Answer: D**



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**37. Tumour enclosed in a capsule is**

A. Malignant

B. Benign

C. Metastasis

D. Basophil



**Answer: B**



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**38.** AIDS,Mumps,Measles,Chicken Pox, Polio,  
Influenza and Rabies are caused by

A. Fungi

B. Bacteria

C. Viruses

D. Protozoa

**Answer: C**



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**39. Community health service includes**

- A. School and health education
- B. Hygienic environment
- C. Control of communicable diseases
- D. All of these

**Answer: D**



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**40.** A severe form of jaundice is caused by

A. Hepatitis-C

B. HIV

C. Hepatitis-A

D. Hepatitis-B

**Answer: D**



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**41.** Chloroquine is given for treating

A. AIDS

B. Cancer

C. Tetanus

D. Malaria

**Answer: D**



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**42.** The abnormal increase in number of cells in the body is called

A. Hyperplasia

B. Protoplast

C. Neoplasm

D. Endoplasm

**Answer: A**



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**43.** Malignant neoplasms forming tumour in the body called

A. Benign tumours

B. Cancers

C. SCID

D. AIDS

**Answer: B**



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**44.** One good example of an antiseptic is

A. Bordeaux mixture

B. DDT

C. Carbolic acid in dilute solution

D. Hydrocyanic acid gas

**Answer: C**



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**45.** James Phipps and Ali Marvow are related to viral disease that has disappeared

A. Cowpox

B. Smallpox

C. Chickenpox

D. Tuberculosis

**Answer: B**



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**46.** Pulse-Polio programme is organised in our country

- A. Curle polio
- B. Eradicate polio
- C. Spread polio
- D. None of these

**Answer: B**



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**47.** Cancer is the result of

- A. Gene modification
- B. Chromosomal aberration
- C. Genetic alteration
- D. Congenital problem

**Answer: C**



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**48.** A disease transferred from mother to child through placenta is

A. AIDS

B. Measles

C. Hepatitis-A

D. None of these

**Answer: A**



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**49.** Which of the following is a RNA virus?

A. Myxovirus

B. Variolavirus

C. Varicella virus

D. Paramyxovirus

**Answer: D**



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**50.** Casual organism of poliomyelitis is

A. Arbovirus

B. Picornavirus

C. Rubellavirus

D. Paramyxovirus

**Answer: B**



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**51. Which one is a retrovirus?**

A. Variole virus

B. Varicella virus

C. HIV

D. Hepatitis virus

**Answer: C**



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**52. Which is a bacterial disease?**

A. Mumps

B. Arteriosclerosis

C. Amoebiasis

D. Diphtheria

**Answer: D**



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**53. Casual organism of diphtheria is**

A. Mycobacterium

B. Corynebacterium

C. Shigella

D. Bordetella

**Answer: B**



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**54.** The time gap between infection and its appearance is called

A. Response period

B. Incubation period

C. Latent period



D. Stimulation period

**Answer: B**



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**55. AIDS is caused by**

- A. *Corynebacterium diphtheriae*
- B. Human immunodeficiency virus
- C. Rubellavirus
- D. Varicella virus

**Answer: B**



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**56.** Chickenpox is viral disease caused by

A. Herpes simplex

B. Varicella

C. Herpes zoster

D. Echovirus

**Answer: B**



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**57.** The organism that causes elephantiasis belong to

A. Insecta

B. Protozoa

C. Nematoda

D. Coelenterata

**Answer: C**



**58.** Disease such as plague, malaria, typhoid, etc. which are transmitted from person to person are

- A. Congenital diseases
- B. Metabolic disorders
- C. Communicable disease
- D. Degenerative disease

**Answer: C**





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**59.** *Entamoeba histolytica* is a human parasite usually found in

A. Intestine

B. Liver

C. Blood

D. Mouth

**Answer: A**



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**60.** The commonest cause of diarrhoea in infants and children world over is

A. Adenovirus

B. Clostridium

C. Vibrio cholerae

D. Corynebacterium

**Answer: C**



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**61.** Lysozyme is an important anti-microbial secretion present in

A. Tears

B. Saliva

C. Nasal mucous

D. All of these

**Answer: D**



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**62. Mildest rickettsial disease of man is**

A. Scrub typhus

B. Rocky mountain spotted fever

C. Q-fever

D. Rickettsial pox

**Answer: C**



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**63.** Mantoux test is done for

A. Tuberculosis

B. Cholera

C. Malaria

D. Both b and c

**Answer: A**



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**64.** Plasmodium falciparum causes malaria

- A. Benign tertian
- B. Malignant subtertian
- C. Ovale tertian
- D. Quartan

**Answer: B**



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**65.** Shivering in malaria is due to

- A. Toxin formed by breakdown of haemoglobin in RBC releasing merozoite
- B. Signet ring
- C. Both a and b
- D. None of these

**Answer: A**



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**66.** During the erythrocytic schizogony of plasmodium vivax fine granules appear in the cytoplasm of infected RBC. They are known as

- A. Maurer's dots
- B. Hemozoin granules
- C. Ferritin
- D. None of these

**Answer: A**



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**67.** The mosquito which transmits malaria is

A. Female anopheles

B. Male anopheles

C. Female culex

D. Male culex

**Answer: A**



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**68.** Trypanosoma, the causative agent of african sleeping sickness belong to which class of protozoa?

A. Rhizopoda

B. Mastigophora

C. Sporozoa

D. Ciliata

**Answer: B**



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**69.** Iron deficiency anaemia is a complication of which parasitic infection

A. Round worm

B. Thread worm

C. Hook worm

D. Whip worm

**Answer: C**



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70. The larval stage of taenia sodium also called bladderworm and commonly found in muscle tissue in humans is known as

A. Hydatid cyst

B. Hexacanth

C. Onchospher

D. Cysticercus

**Answer: D**



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**71.** Cantaneous larva migrans is a skin disease seen in human due to

- A. *Ancylostoma braziliense*
- B. *Ascaris lumbricoides*
- C. *Dracunculus*
- D. All of these

**Answer: A**



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**72. Metastasis is associated with**

A. Malignant tumour

B. Benign tumour

C. Both a and b

D. Leukemia

**Answer: A**



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**73.** Enterobiasis' disease is caused by

A. Filarial nematode

B. Hook worms

C. Pin worms

D. Round worms

**Answer: C**



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**74.** Gout, a painful disorder of joint is due to

- A. Damage caused to ligaments
- B. Injury to tendon
- C. Inflammation of synovial membrane
- D. Deposition of uric acid in joints

**Answer: D**



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75. The feature which go in favour of haemolytic anamia are

- A. Increased bilirubin level
- B. Jaundice
- C. Increased breakdown of Hb
- D. All of these

**Answer: D**



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**76.** Clinically jaundice manifests when the blood bilirubin level rises above

A. 1mg/100mL

B. 1mg/10mL

C. 1.5mg/100mL

D. 2mg/100mL

**Answer: D**



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77. Each cycle of erythrocyte schizogony in plasmodium malariae is completed in

A. 48-72 hrs

B. 48 hrs

C. 72 hrs

D. None of these

**Answer: C**



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78. The secondary host for parasite plasmodium of malaria was discovered by

A. Rosen von rossentoff

B. Charles laveran

C. Darwin

D. Ronald ross

**Answer: D**



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**79.** The region in the body where the polio virus multiplies:

- A. Nerve cells
- B. Muscle cells
- C. Intestinal cells
- D. None of these

**Answer: C**



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**80.** The most common and the most infectious childhood exanthemata is

A. Rubella

B. Variola

C. Chickenpox

D. Leprosy

**Answer: C**



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**81. BCG vaccine is anti**

- A. Emphysema
- B. Pneumonia
- C. Polio
- D. Tuberculosis

**Answer: D**



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**82.** Lyme disease is caused by

A. Staphylococcus

B. Mycobacterium

C. Virus

D. Spirochaete

**Answer: D**



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**83.** The disease in which high level of uric acid in blood is present is the characteristic of

A. Arthritis

B. Gout

C. Rheumatism

D. Rheumatism heart

**Answer: B**



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**84.** which one of the following is an example of zoonosis disease?

A. Measles

B. Diphtheria

C. Leprosy

D. Rabies

**Answer: D**



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**85.** The treatment of cancer with X-rays or  $\gamma$ -rays is called:

A. Hormone therapy

B. Chemotherapy

C. Radiation therapy

D. All of the above

**Answer: C**



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**86.** A mosquito borne viral disease is

- A. Filaria and typhus
- B. Kala-azar and diphtheria
- C. Malaria and chagas disease
- D. Yellow fever and dengue

**Answer: D**



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

A. Pathogene

B. Vectors

C. Insects

D. Worms

**Answer: A**



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**88.** 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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**89.** The sporozoites that cause infection, when a female Anopheles mosquito bites a person, 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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**90.** The disease chikungunya is transmitted by

- A. House flies
- B. Aedes mosquitoes
- C. Cockroach
- D. Female anopheles

**Answer: B**



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**91.** Vehicle borne transmission of a disease is the transmission occurring through

- A. Certain vectors like arthropods
- B. Agencies like water ice, food or blood
- C. Through infection clothes
- D. Unhygienic conditions

**Answer: A**



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92. Which of the following is correctly matched?

A. National institute of virology - Pune

B. National institute of communicable  
disease - Lucknow

C. Central drug research institute - Kasauli

D. National institute of nutrition - Mumbai

**Answer: A**



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### 93. Severe Acute Respiratory Syndrome (SARS)

- A. Is caused by a variant of pneumococcus
- B. Is caused by a variant of the common cold virus (corona virus)
- C. Is an acute form of asthma
- D. Affects non-vegetarians much faster than the vegetarians

**Answer: B**



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**94.** Leprosy is diagnosed by which of the following set of symptoms?

A. Fever, loss of pigmentation

B. Deformity of finger, scales, ulcers, loss of pigmentation, wasting of body parts

C. Frequent watery stools and deformities in fingers and toes

D. White spots on the skin and without any scales or ulcer



**Answer: B**



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**95. In arteriosclerosis**

- A. Arterial walls become very thin and weak  
so that the blood oozes out of the walls
- B. Sex linked heredity is involved
- C. Blood coagulates even the arteries

D. Arterial walls become inelastic and thickness

**Answer: D**



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**96.** 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 HIV replicates rapidly in helper T-lymphocytes and damages large number of these cells
- C. When the host cell is infected by virus
- D. When viral DNA is produced by reverse transcriptase

**Answer: B**



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**97.** 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 smiling face

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

D. Health is the symbol of economic prosperity

**Answer: C**



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

A. In their genome oncogene is present

B. Their hereditary material made up of single stranded RNA

C. They have a gene for reverse transcriptase

D. In their genome there may be cellular proto-oncogene

**Answer: B**



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**99.** 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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**100.** Symptom of AIDS related complex (ARC) is

- A. Weight loss and diarrhoea
- B. Swollen lymph nodes and fever
- C. Loss of appetite and night sweating
- D. All of the above

**Answer: D**





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**101.** Find the odd one out.

A. Rabies, influenza, AIDS

B. Amoebiasis, Giardiasis, Trypanosomiasis

C. Taeniasis, Ascariasis, Elephantiasis

D. Cancer, Tuberculosis, Tetanus

**Answer: D**



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**102.** HIV causes a complete breakdown of immune system by

A. Binding to T-cells and destroying them

B. Binding to B-cells and destroying them

C. Binding to  $T_4$ -lymphocytes through  $CD_4$  antigen and destroying them

D. Destroying B-cells and T-cells of immune system

**Answer: C**



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**103.** Which of the following statement is incorrect regarding carcinogens?

A. Tobacco smoke contains chemical carcinogen which can cause lung cancer

B. They are physical, chemical and biological agents

C. radiations like X-rays and UV-rays can cause damage to DNA which leads to

neoplastic transformation

D. When protooncogenes gets activated in normal conditions, they lead to oncogenic transformation of the cells

**Answer: C**



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**Chapter Exercises B Medical Entrances Special  
Format Questions Statement Based Questions**

1. Which of the following is associated with cancer?

I. Oncogene

II. Proto-oncogenes

III. Loss of contact inhibition

IV. Cell differentiation

A. I and II

B. I and III

C. II and IV

D. III and IV

**Answer: B**



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2. Which of the statement is correct from the following statements?

I. Gout is a kind of arthritis.

II. Malignant tumour do not show metastasis.

III. Diabetes mellitus is a communicable disease characterised by high blood sugar level.

IV. 1st December is celebrates as world AIDS day.

A. I and II

B. I and IV

C. II, III and IV

D. Only I

**Answer: B**



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3. Which of the following are acquired diseases?

I. Kala azar

II. Haemophilia

III. AIDS

IV. Albinism

A. Only I

B. I and III

C. III and IV

D. II and IV



**Answer: B**



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4. Sandfly play significant role in spreading kala azar because they

I. Suck blood only from the patients suffering from kala azar.

II. Covert amastigote into promastigote.

III. Engulf amastigote at the time of blood sucking from the infected persons.

IV. inject promastigote into the body of non-infected person at the time blood sucking.

A. I and II

B. II and III

C. II, III and IV

D. III and IV

**Answer: C**



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5. 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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6. Which of the statement regarding treatment of cancer is false?

I. Chemotherapy has side effects like hair loss and anaemia.

II. Radon (Rn-220) is the most commonly used isotope for radiation therapy.

III.  $\alpha$ - interferon are used as immunological substances which activate the immune system.

IV. Isotope of carbon is also for radiation therapy.

A. I and II

B. Only III

C. Only IV

D. II and IV

**Answer: C**



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Chapter Exercises B Medical Entrances Special  
Format Questions Match The Columns

1. Match the following columns.

| Column I                        | Column II                     |
|---------------------------------|-------------------------------|
| A. <i>Plasmodium ovale</i>      | 1. Benign tertiary malaria    |
| B. <i>Plasmodium malariae</i>   | 2. Wild tertiary malaria      |
| C. <i>Plasmodium vivax</i>      | 3. Malignant tertiary malaria |
| D. <i>Plasmodium falciparum</i> | 4. Quartan malaria            |

A.    *A    B    C    D*  
      1    2    3    4

B.    *A    B    C    D*  
      3    1    2    4

C.    *A    B    C    D*  
      2    1    3    4

D.    *A    B    C    D*  
      2    4    1    3

Answer: D



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2. Match the following columns.

| Column I                     | Column II                        |
|------------------------------|----------------------------------|
| A. African sleeping sickness | 1. <i>Sacculina</i>              |
| B. Dumdum fever              | 2. <i>Haemophilus influenzae</i> |
| C. Pneumonia                 | 3. <i>Leishmania donovani</i>    |
| D. Parasitic castration      | 4. <i>Trypanosoma gambiense</i>  |
|                              | 5. <i>Leishmania tropica</i>     |

A.  $\begin{matrix} A & B & C & D \\ 4 & 3 & 2 & 1 \end{matrix}$

B.  $\begin{matrix} A & B & C & D \\ 3 & 4 & 1 & 2 \end{matrix}$

C.  $\begin{matrix} A & B & C & D \\ 3 & 1 & 2 & 4 \end{matrix}$

D.     *A*   *B*   *C*   *D*  
        4    3    1    5

**Answer: A**



**Watch Video Solution**

**3. Match the following columns.**

| Column I           | Column II            |
|--------------------|----------------------|
| A. Filariasis      | 1. Amoebic dysentery |
| B. Amoebiasis      | 2. Whooping cough    |
| C. Trypanosomiasis | 3. Sleeping sickness |
| D. Pertussis       | 4. Elephantiasis     |

A.     *A*   *B*   *C*   *D*  
        4    3    2    1

B.     *A*   *B*   *C*   *D*  
        2    1    3    4



C. 

|          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 4        | 1        | 3        | 2        |

D. 

|          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 2        | 3        | 1        | 4        |

**Answer: C**



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**4. Match the following columns.**

| Column I         | Column II              |
|------------------|------------------------|
| A. HIV infection | 1. Widal test          |
| B. Typhoid       | 2. Biopsy              |
| C. Cancer        | 3. Tuberculin analysis |
| D. Tuberculosis  | 4. ELISA               |

A. 

|          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 1        | 3        | 4        | 2        |

- B.
- |          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 3        | 2        | 4        | 1        |
- C.
- |          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 4        | 1        | 2        | 3        |
- D.
- |          |          |          |          |
|----------|----------|----------|----------|
| <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
| 2        | 4        | 3        | 1        |

**Answer: C**



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**5. Match the following columns.**

| Column I                     | Column II         |
|------------------------------|-------------------|
| A. <i>Glossina</i> sp.       | 1. Tse-tse fly    |
| B. <i>Parastrangylus</i> sp. | 2. Chagas disease |
| C. <i>Coxiella burnettii</i> | 3. Q-fever        |
| D. <i>Clostridium</i> sp     | 4. Tetanospasmin  |

A. 

| $A$ | $B$ | $C$ | $D$ |
|-----|-----|-----|-----|
| 2   | 3   | 1   | 4   |

B. 

| $A$ | $B$ | $C$ | $D$ |
|-----|-----|-----|-----|
| 4   | 3   | 2   | 1   |

C. 

| $A$ | $B$ | $C$ | $D$ |
|-----|-----|-----|-----|
| 3   | 4   | 1   | 2   |

D. 

| $A$ | $B$ | $C$ | $D$ |
|-----|-----|-----|-----|
| 1   | 2   | 3   | 4   |

**Answer: D**



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**Chapter Exercises B Medical Entrances Special  
Format Questions Assertion And Reason**

1. Assertion : Rickettsiae should be regarded as bacteria.

Reason : Rickettsiae contain both RNA and DNA and respond to antibiotics.

A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of assertion

C. Assertion is true, but reason is false

D. Assertion is false, but reason is true

**Answer: A**



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**2. Assertion :** Q-fever is an influenza like illness with fever.

**Reason :** It was first recognised as a disease in 1935 in queensland and australia.

A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of assertion

C. Assertion is true, but reason is false

D. Assertion is false, but reason is true

**Answer: B**



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**3. Assertion :** AIDS is a disorder caused by HIV.

**Reason :** HIV is a virus that damage the immune system of its host.

A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of assertion

C. Assertion is true, but reason is false

D. Assertion is false, but reason is true

**Answer: A**



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**4. Assertion :** Virus multiply only inside living cells.

**Reason :** Viruses help host cells in growth and development.



A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of assertion

C. Assertion is true, but reason is false

D. Assertion is false, but reason is true

**Answer: C**



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5. Assertion : Pneumonia affects brain and causes dizziness.

Reason : Pneumonia is mainly viral zoonotic disease.

A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of

assertion

C. Assertion is true, but reason is false

D. Both assertion and reason are false

**Answer: D**



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**6. Assertion :** Pertussis is caused by a bacteria  
bordetella pertusis.

**Reason :** Pertussis is also called whooping  
cough.

A. Both assertion and reason are true and reason is the correct explanation of assertion

B. Both assertion and reason are true, but reason is not correct explanation of assertion

C. Assertion is true, but reason is false

D. Assertion is false, but reason is true

**Answer: B**



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## Chapter Exercises B Medical Entrances Gallery

### Collection Of Questions Asked In Neet Various Medical Entrance Exams

1. 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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2. 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 containing two molecule of single-stranded RNA and two molecule 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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3. Name the chronic respiratory disorder caused mainly by cigarette smoking

A. Asthma

B. Respiratory acidosis

C. Respiratory alkalosis

D. Emphysema

**Answer: D**



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4. 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. Bacteria infection of the lungs

**Answer: A**



**Watch Video Solution**

5. Which of the following diseases is caused by a protozoan

A. Syphilis

B. Influenza

C. Babesiosis

D. Blastomycosis

**Answer: C**



**Watch Video Solution**

6. Which of the following is not correct with respect to malaria

A. RBCs rupture and release haemozoin  
which causes chills

B. Sporozoites multiply in blood

C. Female anopheles mosquito is the  
vector

D. Malignant malaria is caused by  
plasmodium falciparum

**Answer: B**



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7. Which one of the following statement is correct?

- A. Benign tumours show the property of metastasis
- B. Heroin accelerates body function
- C. Malignant tumour exhibits metastasis
- D. Patients who have undergone surgery are given cannabinoids

**Answer: C**



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**8. Match the following columns.**

| Column I             | Column II           |
|----------------------|---------------------|
| A. HIV               | 1. Ghost            |
| B. Pilus             | 2. Prophage         |
| C. Virus penetration | 3. Retroviridae     |
| D. Lysogeny          | 4. Donor            |
|                      | 5. Polyhedral virus |

A.  $\begin{matrix} A & B & C & D \\ 1 & 2 & 3 & 4 \end{matrix}$

B.  $\begin{matrix} A & B & C & D \\ 5 & 4 & 3 & 2 \end{matrix}$

C.  $\begin{matrix} A & B & C & D \\ 5 & 3 & 2 & 1 \end{matrix}$

|    |          |          |          |          |
|----|----------|----------|----------|----------|
| D. | <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
|    | 3        | 4        | 1        | 2        |

**Answer: D**



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**9. Select the incorrect combinations from followings.**

A. Encephalitis - Viral disease

B. Kala azar - Phlebotomus

C. Rhabditiform larvae - Ascaris

## D. Entamoeba - Sporogony

**Answer: D**



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**10. World AIDS day is**

A. 1st may

B. 1st Dec

C. 20th Dec

D. 1st June

**Answer: B**



**Watch Video Solution**

**11. AIDS is caused by:**

A. Blood cancer

B. TMV

C. Bacterium

D. Human immunodeficiency virus

**Answer: D**





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12. Choose the correct set of disease transmitting arthropods.

- A. Tse-tse fly, housefly, rat flea, sandfly
- B. Anopheles, louse, housefly, termite
- C. Cockroach, louse, termite, housefly
- D. Rat flea, butterfly, housefly, tse-tse fly

**Answer: A**



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

A. They compete with normal cells for vital nutrients

B. They may remain confined in the area of formation

C. They divide in an uncontrolled manner

D. they show contact inhibition

**Answer: D**



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**14. Identify the wrong statements**

A. The tumor of haematopoietic cells is called leukemia

B. Cancer arising from the epithelial tissues of internal organs and glands is referred as melanoma

C. Sarcoma is a type of cancer where bone and cartilages are involved

D. Only benign tumors are called as true cancer or neoplasm

A. I and II

B. II and IV

C. II and III

D. I and III

**Answer: B**



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

A. Hepatitis-B virus

B. Human immunodeficiency virus

C. Chikungunya virus

D. Ebola virus

**Answer: C**



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**16.** HIV that causes, AIDS first starts destroying

A. B-lymphocytes

B. Leucocytes

C. Helper T-lymphocytes

D. Thrombocytes

**Answer: C**



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17. Match each disease with its correct type of vaccine :

|                    |                        |       |       |
|--------------------|------------------------|-------|-------|
| (a) tuberculosis   | (i) harmless virus     |       |       |
| (b) whooping cough | (ii) inactivated toxin |       |       |
| (c) diphtheria     | (iii) killed bacteria  |       |       |
| (d) polio          | (iv) harmless bacteria |       |       |
| (a)                | (b)                    | (c)   | (d)   |
| (1) (iii)          | (ii)                   | (iv)  | (i)   |
| (2) (iv)           | (iii)                  | (ii)  | (i)   |
| (3) (i)            | (ii)                   | (iv)  | (iii) |
| (4) (ii)           | (i)                    | (iii) | (iv)  |

A. 

| A | B | C | D |
|---|---|---|---|
| 2 | 1 | 3 | 4 |

B. 

| A | B | C | D |
|---|---|---|---|
| 3 | 2 | 4 | 1 |

C. 

| A | B | C | D |
|---|---|---|---|
| 4 | 3 | 2 | 1 |

D. 

| A | B | C | D |
|---|---|---|---|
| 1 | 2 | 3 | 4 |

Answer: C



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**18.** Infection of Ascaris usually occurs by :

A. Eating imperfectly cooked pork

B. Tse-tse fly

C. Mosquito bite

D. Drinking water containing eggs of  
ascaris

**Answer: D**





**19.** It is disease which mainly affects mucous membrane of urinogenital tract. In males, burning feeling on passing urine, a yellow discharge accompanied by fever, headache and feeling of illness occurs. Its name is

- A. Syphilis
- B. Gonorrhoea
- C. AIDS
- D. None of these

**Answer: B**



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**20. Schizogony occurs in**

- A. RBC of human
- B. Intestine of parasite
- C. Liver of human
- D. Liver of parasite

**Answer: A**



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

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

D. they show contact inhibition

**Answer: D**



**Watch Video Solution**

**22.** The pair of disease caused by virus is

A. Typhoid and tetanus

B. Rabies and mumps

C. Cholera and tuberculosis

D. AIDS and syphilis

**Answer: B**



**Watch Video Solution**

**23.** Motile elongate zygote of Plasmodium occurs in

- A. Gut of female anopheles
- B. Salivary glands of anopheles
- C. Human RBCs
- D. Human liver

**Answer: A**



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**24. Hepatitis B virus is a**

A. Hepadnavirus

B. Variolavirus

C. Retrovirus

D. Picornavirus

**Answer: A**



**Watch Video Solution**

**25.** Which one of the following is not a characteristics feature of malignant tumour?

A. Invasiveness

B. Metastatsis

C. Lack of differentiation of cells

D. None of above

**Answer: D**



**26.** At which stage of HIV infection does one usually show symptoms of AIDS

A. When viral DNA is produced by reverse transcriptase

B. When HIV replicates rapidly in helper T-lymphocytes and damages large number of these cells



C. With 15 days of sexual contact with an infected person

D. When the infecting retrovirus enters host cells

**Answer: B**



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**27.** The protein  $\alpha - 1$  antitrypsin is used to treat the disease

A. Cancer

B. Rheumatoid arthritis

C. Alzheimers disease

D. Emphysema

**Answer: D**



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28. Match the following columns.

| Column I                        | Column II            |
|---------------------------------|----------------------|
| A. <i>Haemophilus influenza</i> | 1. Malignant malaria |
| B. <i>Entamoeba histolytica</i> | 2. Elephantiasis     |
| C. <i>Plasmodium falciparum</i> | 3. Pneumonia         |
| D. <i>Wuchereria bancrofti</i>  | 4. Typhoid           |
| E. <i>Salmonella typhi</i>      | 5. Amoebiasis        |

A.    *A*   *B*   *C*   *D*   *E*  
       1    5    3    2    4

B.    *A*   *B*   *C*   *D*   *E*  
       3    5    1    2    4

C.    *A*   *B*   *C*   *D*   *E*  
       5    1    3    4    2

D.    *A*   *B*   *C*   *D*   *E*  
       1    3    2    5    4

Answer: B



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**29.** Which one of the following diseases is caused by virus?

A. Cholera

B. Diphtheria

C. Measles

D. Whooping cough

**Answer: C**



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**30.** With regard to the transmission of the human immunodeficiency virus (HIV), which one of the following statements is not correct?

A. The chance of transmission from female to male are twice as likely as from male to female

B. The chances of transmission are more if a person suffers from other sexually transmitted infections

C. An infected mother can transmit the infection to her baby during pregnancy at child birth and by breast feeding

D. The risk of contracting infection from transfusion of infected blood is much higher than an exposure to contaminate needle

**Answer: A**



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**31.** The group of disease carried by insects is

- A. Typhoid, Jaundice, Dysentery
- B. Mumps, measles, smallpox
- C. Scabies, ringworm, scarlet fever
- D. Malaria, filaria

**Answer: D**



**Watch Video Solution**

**32.** Which of the following diseases is caused due to allergic reaction?

A. Leprosy

B. Typhoid

C. Asthma

D. Tetanus

**Answer: C**



**Watch Video Solution**



**33.** Food poisoning is caused by

- A. Nitrosomonas
- B. Lactobacillus
- C. Escherichia coli
- D. None of these

**Answer: D**



**Watch Video Solution**

**34.** vaccine for tuberculosis is known as

A. PAS vaccine

B. BCG vaccine

C. OPV

D. DTP

**Answer: B**



**Watch Video Solution**

**35. Which of the following is STD?**

A. Cancer

B. Malaria

C. Pneumonia

D. Trichomoniasis

**Answer: D**



**Watch Video Solution**

**36.** Which one of the following statements is correct with respect to AIDS?

A. The HIV can be transmitted through eating food together with an infected person

B. Drug addicts are least susceptible to HIV infection

C. AIDS patients are being fully cured cent per cent with proper care and nutrition

D. The causative HIV retrovirus enters helper T-lymphocytes thus, reducing their numbers

**Answer: D**



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**37. Identify the wrong matched pair.**

A. Typhoid - Widal test

B. Plague - Viral disease

C. Malignant malaria - Plasmodium  
falciparum

D. Common cold - Rhinovirus

**Answer: B**



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**38. A non-communicable disease is**

A. Measles

B. Rabies

C. Diphtheria

D. Diabetes

**Answer: D**



[Watch Video Solution](#)

**39. Tuberculosis is caused by**

A. Mycobacterium

B. Aspergillus

C. Clostridium

D. Vibrio

**Answer: A**



[Watch Video Solution](#)

**40.** Which one of the following disease is spread by housefly ?

A. Dengue fever

B. Encephalitis

C. Filariasis

D. Typhoid

**Answer: D**



**Watch Video Solution**



**41.** Genes involved in cancer are

A. Cancer genes

B. Oncogenes

C. Tumour genes

D. Regulatory genes

**Answer: B**



**Watch Video Solution**

**42.** Diphtheria is caused by

A. Poisons released by living bacterial cell  
into the host tissue

B. Poison released from dead bacterial cell  
into the host tissue

C. Poisons released by virus into the host  
tissues

D. Excessive immune response by the host's  
body

**Answer: A**



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