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1 Mark Solved Questions**1050 Questions****12****Only Book having Objective Questions framed line by line from the Text Book**

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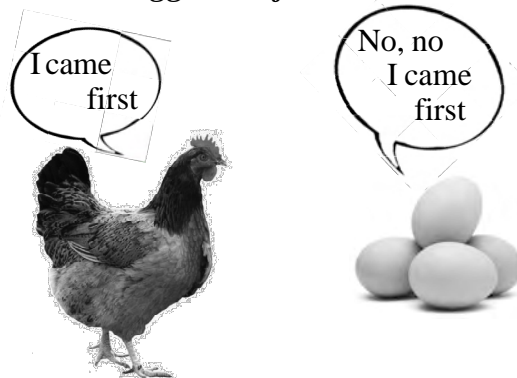
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❦❦❦

Q. A farmer asks an educated man whether a hen came first or an egg came first. Give your answer on the basis of the concept of evolution.

- Ans:**
1. All the organisms- plants and animals originated from a **single cell**.
 2. Embryological evidence shows that all the organisms develop from **egg** only.
 3. Hence no doubt, **egg came first**.



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Q: The teacher told the students that a frog originated from a fish. The students were shocked to hear this. They asked the teacher “How it could be possible”. What did the teacher tell the boys to justify his statement.

- Ans:** 1. Tadpole is the larva of frog. It has gills and fins like fishes.
 2. Fish is the *ancestor* for frog.
 3. Hence a fish-like tadpole develops in the life history of frog.
 4. “*Ontogeny recapitulates phylogeny*”.



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Ans: 1. Tadpole is the larva of frog. It has gills and fins like fishes.

2. Fish is the *ancestor* for frog.

3. Hence a fish-like tadpole develops in the life history of frog.

4. “*Ontogeny recapitulates phylogeny*”.



For more Questions of this type, Read

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Human Health 7 and Diseases

I. Book Back Solved Questions

1. A 30 year old woman has bloody diarrhoea for the past 14 hours, which one of the following organisms is likely to cause this illness?
 - a) *Streptococcus pyogenes*
 - b) *Clostridium difficile*
 - c) *Shigella dysenteriae*
 - d) *Salmonella enteritidis*
 2. Exo-erythrocytic schizogony of *Plasmodium* takes place in
 - a) RBC
 - b) Leucocytes
 - c) Stomach
 - d) Liver
 3. The sporozoites of *Plasmodium vivax* are formed from
 - a) Gametocytes
 - b) Sporoblasts
 - c) Oocysts
 - d) Spores
 4. Amphetamines are stimulants of the CNS, whereas barbiturates are
 - a) CNS stimulant
 - b) Both a and b
 - c) Hallucinogenic
 - d) CNS depressants
 5. Choose the correctly match pair.
 - a) Amphetamines - Stimulant
 - b) LSD - Narcotic
 - c) Heroin - Psychotropic
 - d) Benzodiazepine - Pain killer
 6. The Athlete's foot disease in human is caused by———
 - a) Bacteria
 - b) Fungi
 - c) Virus
 - d) Protozoan
 7. Cirrhosis of liver is caused by chronic intake of ———
 - a) Opium
 - b) Alcohol
 - c) Tobacco
 - d) Cocaine
 8. The sporozoite of the malarial parasite is present in ——
 - a) Saliva of infected female *Anopheles mosquito*.
 - b) RBC of human suffering from malaria.
 - c) Spleen of infected humans.
 - d) Gut of female *Anopheles mosquito*.
 9. Where do the following events in the life cycle of *Plasmodium* takes place?
 - a) Fertilization -
 - b) Development of gametocytes -
 - c) Release of sporozoites -
 - d) Schizogony -
 10. Paratope is an
 - a) Antibody binding site on variable regions
- I. 1. (c) 2. (d) 3. (c) 4. (d) 5. (a) 6. (b) 7. (b) 8. (a)
 9. a) Gut of musquito, b) Human blood, c) into the human blood by the musquito
 d) Human liver

- 11.** African sleeping sickness is caused by
 a) *Trypanosoma*
 b) *Musca domestica*
 c) *Entamoeba* d) *Nipah virus*
- 12.** Match the following with correct pair
 i) T-gambiense - a) *Glossina morsitan*
 ii) T.rhodesiense- b) *Glossina palpalis*
 iii) T.cruzi - c) *Leishmania donovani*
 iv) Kala azar - d) *Triatoma megista*
 a) i - a, ii - b, iii - d, iv - c
 b) i - b, ii - a, iii - c, iv - d
 c) i - b, ii - a, iii - d, iv - c
 d) i - c, ii - d, iii - a, iv - b
- 13.** Kala-azar is transmitted by
 a) *Tsetse fly* b) *Sand fly*
- 14.** The pathogenic bacteria causing bubonic plague is
 a) *Yersinia pestis*
 b) *Clostridium tetani*
 c) *Shigella sp* d) *Streptococcus*
- 15.** Life cycle of *Plasmodium*
 a) *Schizogony* b) *Gamogony*
 c) *Sporogony* d) *All the above*
- 16.** It is a pandemic disease
 a) *Polio* b) *Swine flu*
 c) *Dysentery* d) *Dengue fever*
- 17.** Incubation period of malaria is
 a) *15 days* b) *12 days*
 c) *16 days* d) *14 days*

18. Find the wrong pair

| | Viral disease | Affecting organ |
|-----|----------------------|--------------------------------------|
| (a) | <i>Dermotropic</i> | <i>Skin and subcutaneous tissues</i> |
| (b) | <i>Neurotropic</i> | <i>Central nervous system</i> |
| (c) | <i>Pneumotropic</i> | <i>Brain and spinal cord</i> |
| (d) | <i>Viscerotropic</i> | <i>Blood and visceral organs</i> |

- 19.** Oocyst undergoes meiosis by a process called
 a) *Schizogony* b) *Gamogony*
 c) *Sporogony* d) *Trophozoite*
- 20.** Disease caused by Flavi virus
 a) *Dengue fever* b) *Typhoid*
 c) *Malaria* d) *Measles*
- 21.** Vector for filariasis
 a) *Anopheles mosquito*
 b) *Aedes aegypti*
 c) *Culex mosquito*
 d) *Testes fly*
- 22.** Duration of fever occurred by *Plasmodium malaria* is
 a) *Every 24 hrs* b) *Every 48 hrs*
 c) *Every 38 hrs* d) *Every 72 hrs*
- 23.** Hereditary material in retrovirus
 a) *DNA* b) *RNA*
 c) *Lipoprotein* d) *Vitamin*
- 24.** Select the correct pair
 a) *P.vivax* - 72 hrs
 b) *P.malariae* - 36 - 48 hrs
 c) *P.ovale* - 48 hrs
 d) *P.falciparum* - 42 hrs

11. (a) 12. (c) 13. (b) 14. (a) 15. (d) 16. (b) 17. (b) 18. (c) 19. (c) 20. (a)
 21. (c) 22. (d) 23. (b) 24. (c)

- 25.** *Ascaris lumbricoides* is called
 a) Ring worm b) Round worm
 c) Tape worm d) Filarial worm
- 26.** Malarial vaccine is given in babies between age.
 a) 2-3 wks b) 6-12 wks
 c) 12-16 wks d) 12-20 wks
- 27.** Female filarial worm gives rise to juveniles called
 a) Microfilarial larvae
 b) *Wuchereria bancrofti*
 c) *Helminthiasis* d) *Ascariasis*
- 28.** Amoebiasis is called
 a) Amoebic dysentery
 b) Amoebic colitis
 c) Both (a) and (b)
 d) None of the above
- 29.** Identify the viral disease
 a) Typhoid b) Amoebiasis
 c) *Ascariasis* d) *Pneumonia*
- 30.** Ability of body to fight against the disease causing pathogen
 a) Susceptibility
 b) Auto immune disease
 c) Immunity d) Antibody
- 31.** Substance capable of eliciting immune response.
 a) Antibody b) Antigen
 c) Immunity d) Susceptibility
- 32.** Antibacterial agent that cleaves bacterial cell wall.
 a) Interferon b) Neutrophils
 c) Lysozyme d) Leucocyte
- 33.** Innate immunity is also known as
 a) Natural immunity
 b) Cell mediated immunity
 c) Humoral immunity
 d) Artificial immunity
- 34.** Pathogens are destroyed by production of antibodies known as
 a) Natural immunity
 b) Artificial immunity
 c) Humoral immunity
 d) Innate immunity
- 35.** In primary immune response, antibody level reaches peak in
 a) 7 - 10 days b) 3 - 5 days
 c) 4 - 5 days d) 5 - 7 days
- 36.** Primary lymphoid organ of birds
 a) Bursa of Fabricius b) Liver
 c) Bone marrow d) Spleen
- 37.** Hormone which stimulate T-cell to become mature and immunocompetent.
 a) Thymosin b) Erythropoietin
 c) Calcitriol d) ANP
- 38.** Bone marrow contains stem cells known as
 a) Lymph cells
 b) Haematopoietic cells
 c) Lymphocytes
 d) White blood cells
- 39.** Payers patch is located in
 a) Tonsils b) Spleen
 c) Liver d) GI tract
- 40.** Secondary lymphoid organ which contains B and T-cells.
 a) Bone marrow b) Spleen
 c) Liver d) Kidney

25. (b) 26. (b) 27. (a) 28. (c) 29. (d) 30. (c) 31. (b) 32. (c) 33. (a) 34. (c)
 35. (a) 36. (a) 37. (a) 38. (b) 39. (d) 40. (b)

41. Which is not an example of peripheral lymphoid organs?

- a) *MALT* b) *GALT*
c) *BALT* d) *SALT*

42. Number of red blood cells in human blood

- a) *4200,000 - 6500,000*
b) *5200,000 - 7500,000*
c) *8200,000 - 9200,000*
d) *7500,000 - 8500,000*

43. Normal platelet count in human blood

- a) *250,000 - 500,000*
b) *150,000 - 500,000*
c) *220,000 - 320,000*
d) *320,000 - 420,000*

44. Match the following

1. Lymphocytes - a) 2000 - 7000
2. Monocytes - b) 50 - 100
3. Neutrophils - c) 1500 - 4000
4. Basophils - d) 40 - 400
5. Eosinophils - e) 200 - 950
a) *1 - a, 2 - b, 3 - c, 4 - d, 5 - e*
b) *1 - c, 2 - e, 3 - a, 4 - b, 5 - d*
c) *1 - d, 2 - b, 3 - c, 4 - a, 5 - e*
d) *1 - c, 2 - a, 3 - e, 4 - d, 5 - b*

45. First one to encounter the antigen that enters the tissue spaces.

- a) *Lymph node* b) *Adenoids*
c) *Blood* d) *Bone marrow*

46. HIV decreases

- a) *Helper T-cells* b) *All T-cells*
c) *B-cells* d) *B-cell and T-cell*

47. Which enzyme converts RNA into DNA?

- a) *Transcriptase*

b) *Reverse Transcriptase*

c) *DNA polymerase*

d) *RNA polymerase*

48. Which is not a granulocyte?

- a) *Neutrophils* b) *Basophils*
c) *Eosinophils* d) *Lymphocytes*

49. Cystic fibrosis is a disease.

- a) *Fungal* b) *Genetic*
c) *Degenerative* d) *Protozoan*

50. Vector control research centre is located in

- a) *Chennai* b) *Delhi*
c) *Puducherry* d) *Hyderabad*

51. Which is not a dendritic cell?

- a) *Langerhans cells* b) *Interstitial cells*
c) *Myeloid cells* d) *T-cells*

52. Synonym for immunogen

- a) *Immunology* b) *Antigen*
c) *Hapten* d) *Adjuvants*

53. Basic structure of immunoglobulin was revealed by

- a) *Porter and Edelman*
b) *Gori and Yuvan*
c) *Watt and Henry*
d) *Porter and Henry*

54. Reaction between soluble antigen and antibody leads to visible precipitate formation called

- a) *Precipitin reaction*
b) *Agglutination reaction*
c) *Opsonization* d) *Agglutinin*

55. Opsonization is a process in which pathogens are coated with substance called

- a) *Agglutinin* b) *Opsonin*
c) *Antitoxins* d) *Precipitin*

41. (d) 42. (a) 43. (b) 44. (b) 45. (a) 46. (a) 47. (b) 48. (d)
49. (b) 50. (c) 51. (d) 52. (b) 53. (a) 54. (a) 55. (b)

- 56.** DPT is abbreviated as
a) Diphtheria Polio Tetanus
b) Diphtheria Pertussis Tetanus
c) Diphtheria Polio Toxoid
d) Diphtheria Pertussis Toxoid
- 57.** Small pox vaccine was first prepared by
a) Dr. Edward Jenner
b) Dr. Jonas Salk
c) Dr. Albert Sabin *d) Dr. Calmette*
- 58.** BCG vaccine is for
a) Typhoid *b) Tuberculosis*
c) Polio *d) Chicken pox*
- 59.** Match the following
 1. Small pox - a) Calmette and Guerin
 2. Polio - b) Louis Pasteur
 3. Tuberculosis - c) Edward Jenner
 4. Rabies - d) Jonas Salk
a) 1 - b, 2 - c, 3 - a, 4 - d
b) 1 - d, 2 - c, 3 - b, 4 - a
c) 1 - a, 2 - b, 3 - c, 4 - d
d) 1 - c, 2 - d, 3 - a, 4 - b
- 60.** Toxoid vaccine belongs to
a) First generation vaccine
b) Second generation vaccine
c) Third generation vaccine
d) Fourth generation vaccine
- 61.** Third generation vaccine
a) DNA vaccine
b) Recombinant vaccine
c) Inactivated vaccine
d) (a) and (b)
- 62.** Allergy is over active immune response mediated by
a) IgE *b) IgG* *c) IgM* *d) IgA*
- 63.** Chemicals released for causing allergy
a) Histamine and Agglutinin
b) Opsonin and Precipitin
c) Histamine and Serotonin
d) Serotonin and Opsonin
- 64.** HIV survive days inside a cell
a) 1.5 days *b) 6 hrs*
c) 2.5 days *d) 3 hrs*
- 65.** HIV belongs to the genus
a) Poxvirus *b) Retrovirus*
c) Lentivirus *d) Myxovirus*
- 66.** AIDS is an acronym for
a) Acquired Immunity Defined Syndrome
b) Acquired Immunodeficiency Syndrome
c) Acquired Immunodefined Symptom
d) Acquired Immune Defined Syndrome
- 67.** In HIV, the envelope has glycoprotein spikes
a) gp 40 and gp 60
b) gp 60 and gp 20
c) gp 41 and gp 120
d) gp 50 and gp 100
- 68.** NACO is abbreviated as
a) National AIDS Control Organisation
b) Non governmental AIDS Control Organisation
c) National AIDS Common Organisation
d) Non-AIDS Common Organisation
- 69.** Identify the auto immune disease
a) Hashimotos thyroiditis
b) AIDS
c) Cancer *d) Dengue Fever*
56. (b) 57. (a) 58. (b) 59. (d) 60. (a) 61. (d) 62. (a) 63. (c)
 64. (a) 65. (c) 66. (b) 67. (c) 68. (a) 69. (a)

- 70.** Tumour spread to other parts of the body and gives rise to secondary tumour
 a) *Neoplasm* b) *Metastasis*
 c) *Multiple sclerosis* d) *Arthritis*
- 71.** Example for systemic disorder
 a) *Multiple sclerosis* b) *Thyroiditis*
 c) *Grave's disease*
 d) *Addison's disease*
- 72.** Depressant which slows down the activity of the nervous system
 a) *Amphetamines* b) *Cocaine*
 c) *Alcohol* d) *Morphine*
- 73.** Match the following
 a) Stimulant - i) Alcohol
 b) Depressant - ii) Ganja
 c) Narcotic - iii) Morphine
 d) Cannabis - iv) Tobacco
 a) a - (i), b - (ii), c - (iii), d - (iv)
 b) a - (iv), b-(i), c - (iii), d - (ii)
 c) a - (iii), b-(iv), c-(ii), d - (i)
 d) a - (i), b-(iv), c-(ii), d - (iii)
- 74.** Drug which accelerates the activity of the brain
 a) *Nicotine* b) *Alcohol*
 c) *Opium* d) *Morphine*
- 75.** Which is not a natural cannabinoid?
 a) *Marijuana* b) *Ganja*
 c) *Charas* d) *Morphine*
- 76.** Drugs which belong to hallucinogen group.
 a) *Lysergic acid diethylamide*
 b) *Phencyclidine*
 c) *Charas* d) *Both (a) and (b)*
- 77.** Cocaine is obtained from the plant
 a) *Coca* b) *Atropa belladonna*
 c) *Datura* d) *Hemp*
- 78.** Addiction to drugs and alcohol leads to
 a) *Hallucination* b) *Euphoria*
 c) *Depression* d) *Paranoia*
- 79.** Memory disorder
 a) *Korsakoff's syndrome* b) *Euphoria*
 c) *Hallucination* d) *Paranoia*
- 80.** Alcoholic anonymous was started in the year
 a) 1931 b) 1935 c) 1961 d) 1965
- 81.** Neurotransmitter that suppress depression
 a) *Serotonin* b) *Dopamine*
 c) *Tranquilizers* d) *LSD*
- 82.** Group of cells whose growth has gone unchecked
 a) *Tumour* b) *Tranquilizer*
 c) *Paranoid* d) *Depression*
- 83.** State of complete, physical well being
 a) *Health* b) *Depression*
 c) *Mania* d) *Agitation*
- 84.** Which is not a secondary lymphoid organ?
 a) *MALT* b) *GALT*
 c) *BALT* d) *Thymus*
- 85.** WHO is
- a) *World Human Organisation*
 b) *World Health Organisation*
 c) *Women Health Organisation*
 d) *Women Helping Organisation*
- 86.** Malaria eradication programme was introduced by WHO in
 a) 1950 b) 1960 c) 1970 d) 1980

70. (b) 71. (a) 72. (c) 73. (b) 74. (a) 75. (d) 76. (d) 77. (a)
 78. (b) 79. (a) 80. (b) 81. (a) 82. (a) 83. (a) 84. (d) 85. (b) 86. (a)

- 87.** Monogenic parasite
 a) *Filariasis* b) *Tape worm*
 c) *Round worm* d) *Ascaris*
- 88.** Ring worms in the feet is known as
 a) *Dermatomycosis*
 b) *Helminthiasis*
 c) *Athletes foot* d) *Ascariasis*
- 89.** Swine flu is caused by virus strain
 a) H_1N b) H_1N_1 c) *HIV* d) *Rhino*
- 90.** Carcinoma refers to
 a) *Malignant tumour*
 b) *Benign tumour*
 c) *Psychological disorder*
 d) *Lymphoma*
- 91.** Anatomical barrier which prevents the entry of microbes
 a) *Skin* b) *Eyes*
 c) *Mucus* d) *Tissue*
- 92.** Match the following with correct sequence
 i) Enteric fever - a) Sore throat
 ii) Black death - b) Muscle spasm
 iii) Diphtheria - c) Diarrhoea
 iv) Lock jaw - d) Lymph nodes
 a) 1 - c, ii - a, iii - b, iv - d
 b) 1- c, ii - d, iii - a, iv - b
 c) 1- d, ii - c, iii - b, iv - a
 d) 1- a, ii - b, iii - c, iv - d
- 93.** Plant with hallucinogenic properties
 a) *Atropa belladonna*
 b) *Pongamia*
 c) *Jatropha curcas*
 d) *Rauvolfia vomitoria*
- 94.** Virus transmitted from animals to human
 a) *Zoster virus* b) *Polio virus*
 c) *Zoonotic virus* d) *Flavi virus*
- 95.** Infective stage of *Entamoeba histolytica*
 a) *Sporozoite* b) *Merozoite*
 c) *Schizont* d) *Trophozoite*
- 96.** Non toxic biological pesticide sprayed to kill mosquito larvae
 a) *Tinea pedis*
 b) *Bacillus thuringiensis*
 c) *Mosquirix* d) *Trichophyton*
- 97.** Diseases are classified into infectious and non-infectious in this list. Identify the infectious diseases
 (i) Cancer (ii) Influenza
 (iii) Allergy (iv) Stroke
 a) (i) and (ii) b) (ii) and (iii)
 c) (iii) and (iv) d) (ii) and (iv)
- 98.** Haemozoin is a
 a) *Precursor of haemoglobin*
 b) *Toxin from streptococcus*
 c) *Toxin from plasmodium*
 d) *Toxin from Haemophilus*
- 99.** Bacillary dysentery is caused due to
 a) *Salmonella* b) *Shigellosis*
 c) *Clostridium* d) *Yersinia*
- 100.** Match the following
 a) Payers patch - (i) Tonsils
 b) BALT - (ii) Intestine
 c) Adenoid - (iii) Heart
 d) Thymus - (iv) Roof of mouth
 a) a - (ii), b - (i), c - (iv), d - (iii)
 b) a - (iii), b - (ii), c - (iv), d - (i)
 c) a - (iv), b - (iii), c - (ii), d - (i)
 d) a - (i), b - (ii), c - (iii), d - (iv)
87. (d) 88. (c) 89. (b) 90. (a) 91. (a) 92. (b) 93. (a) 94. (c) 95. (d)
 96. (b) 97. (b) 98. (c) 99. (b) 100. (a)

Assertion and Reasoning

In each of the following questions there are two statements. One is Assertion (A) and other is reasoning (R). Mark the correct answer as

- a) A and R are true, R is the correct explanation of A
- b) A and R are true, R is not the correct explanation of A
- c) A is true, R is false
- d) Both A and R are false

101. Assertion (A) : Bacteria develop resistance to antibiotics.

Reason (R) : We take antibiotics for minor infections also

102. Assertion (A) : *Plasmodium vivax* is a digenic parasite.

Reason (R) : Primary host of *P.vivax* is man.

103. Assertion : HIV is a RNA virus

Reason : HIV belongs to lentivirus family.

104. Assertion : Korsakoff's syndrome is a memory disorder.

Reason : It is caused by infections

