

HUMAN PHYSIOLOGY

Usermedia.blogspot.com

- 1, What are carbohydrates and Mention its compositions.
- 2, Classify the different types of monosaccharides ?
- 3, What are polysaccharides?
- 4, List out the essential amino acids.
- 5, What is kwashiorkor? Mention its symptoms ?
- 6, State the functions of Lipids ?
- 7, What is PUFA ? Mention its importance.
- 8, Name the different types of vitamins.
- 9, Explain IRM and IRW.
- 10, What is obesity ?
- 11, Define BMI ?
- 12, Write down the symptoms for hypoglycemia.
- 13, What are chylomicrons ?
- 14, Mention the substances used in treating the tooth decay.
- 15, Mention the benefits of root canal treatment.
- 16, What does the peptic ulcer refer to ?
- 17, How can Hernia be corrected ?
- 18, Give reasons for hernial development ?
- 19, What is gall stone made up of ?
- 20, State the main symptoms for appendicitis ?
- 21, Define Hepatitis.
- 22, Mention the reasons / causes for liver cirrhosis.
- 23, What is meant by stress fracture ?
- 24, Define the term physiotherapy.
- 25, What is meant by Orthopedics ?
- 26, Name the fluids in the chambers of eye ?
- 27, Name the parts of eye that involved in altering curvature of lens.
- 28, What is shortsightedness.



Frequently Asked Questions in Zoology for 12th Standard.

Very Short Answer {3 marks} Questions in [Biology] Zoology

29, How do you name the problems related to retina ?

Usermedia.blogspot.com

30, Identify the reasons for cataract.

31, What is CLR ?

32, What is nyctalopia ?

33, What is a pink eye ?

34, What is Reissner's membrane ?

35, Which region of brain perceives sound ?

36, Give two reasons for loss of hearing.

37, What is a bone conduction hearing aid ?

38, Name the industrial noise pollutants.

39, Define the permissive noise level.

40, What is happening during ventilation ?

41, Name the muscles involved in respiration.

42, Write down the composition of inhaled and exhaled air.

43, What is Herring - Brener reflex ?

44, Mention the names of microbes causing the Pneumonia.

45, What is pleurisy ?

46, What is pulse rate ?

47, What is meant by myocardial infarction ?

48, What is meant by Heart attack ?

49, What is the use of Angiogram ?

50, What is coronary angioplasty ?

51, What is done during Echo Cardio Graphy ?

52, Name the main types of replacement valves.

53, How can the pulse rate be calculated ?

54, Write down the importance of Cardiac Pulmonary resuscitation.

55, Classify the lymphocytes of blood and mention their key function.

56, What are coagulation factors ?

57, Differentiate the embolus from thrombus.



58, What is menstrual cycle ?

59, What is corpus albicans ?

60, With whom the invitro fertilization technique is being adopted ?

MICROBIOLOGY

61, Define microbiology.

62, Mention the use of pure culture technique ?

63, What is meant by diploid cell strain ?

64, Classify the different types of Malaria ?

65, What is amoebiasis ?

66, What does the term `zooanthroponoses` refer?

67, List out few notable antibiotics.

68, Enumerate the methods of diagnosis of AIDS.

69, Write the characteristics of species resistance.

70, Define Zoonoses.



IMMUNOLOGY

71, What is immunology ?

72, What are the 4 types of infectious agents ?

73, Define innate immunity.

74, What is lysozyme ?

75, What is phagocytosis ?

76, What is acquired immunity ?

77, Differentiate the cell mediated and humoral immunity..

78, Differentiate the active and passive adapted immunity.

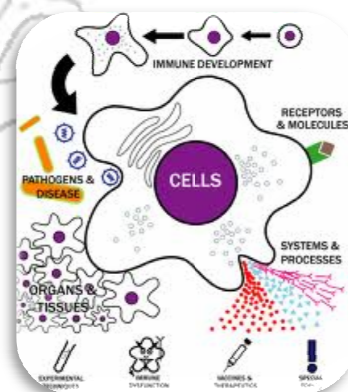
79, What are the immunoglobulins ?

80, What are the 3 main functions of antibodies /

81, What are the functions of spleen ?

82, What is an immunogen ?

83, Define the term `Antigen`.



84, What are haptens ?

Usermedia.blogspot.com

85, Distinguish paratope and epitope.

86, Name the 5 classes of immunoglobulins.

87, Distinguish the variable and constant regions in the IG molecule.

88, Distinguish autograft and allograft.

89, How does a Xenograft differ from Isograft ?

90, What are Immunosuppressant drugs ?

MODERN GENETICS:

91, What is called pedigree analysi ?

92, What are the clinical manifestations of Thalassemia ?

93, Mention any 2 uses of Karyotyping ?

94, What is called foreign DNA in genetic engineering?

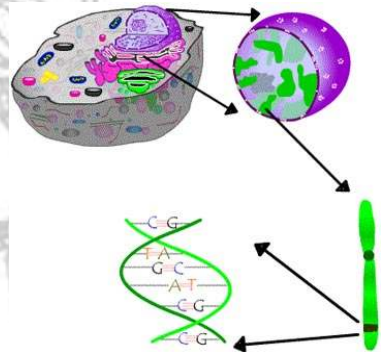
95, What is called DNA segmenting ?

96, What is called differentiation ?

97, What is genetherapy ?

98, Define the types of genetherapy ?

99, What is a database in bioinformatics ?



ENVIRONMENTAL SCIENCE

100, Define ecology ?

101, How does the population growth differ from the food production ?

102, What is known as global waqrmng ?

103, What are the effects of Ozone depletion ?

104, How the sewage water is treated by primary treatment method ?

105, What is bio-diversity ?

106, Write the characteristics of a bioreserve.

107, Listout the names of bioreserves of India ?

108, What is known as geothermal energy ?

109, What are the advantages of solar energy ?



110, What is known as relative poverty ?

Usermedia.blogspot.com

111, What is meant by seeding clouds ?

APPLIED BIOLOGY

112, What is meant by dairy operations ?

113, How are cattles classified ?

114, Compare the udder of sindhi with kangayam.

115, How are dual purpose breeds helpful for mankind ?

116, Write down the origin and distribution of cattle kangayam ?

117, How will you identify a healthy cattle ?

118, Mention the bacterial disease of cattle and its symptoms ?

119, What are the control measures of cow pox ?

120, What is the first aid given to cattle for constipation ?

121, List out different types of diseases of cattles ?

122, Define draught breeds ?

123, What is the artificial insemination ?

124, What are the advantages of artificial insemination ?

125, Define outbreeding ?

126, Define cross breeding ?

127, Compare the bullocks of sindhi, ongole and kangayam ?

128, Define breed ?

129, Define sericulture ?

130, Name the types of silk ?

131, What is fibroin ?

132, What is sericin ?

133, What are the 3 stages of sericulture ?

134, What is the function of salivary gland of silkworm?

135, What is cocoon ?

136, What is instar ?

137, What is imago ?



138, What is spinneret ?

THEORIES OF EVOLUTION

139, State the theory of Lamarckism.

140, Define the law of use and disuse ?

141, Quote the facts of neo-lamarckism.

142, Define the germ plasm theory.

143, State the view of Mc Dougall..

144, What is meant by survival of fittest ?

145, Mention any 3 objections to Darwinism.

146, Mention the significance of neo-Darwinism.

147, State the modern synthetic theory.

148, What is meant by `gene pool` ?

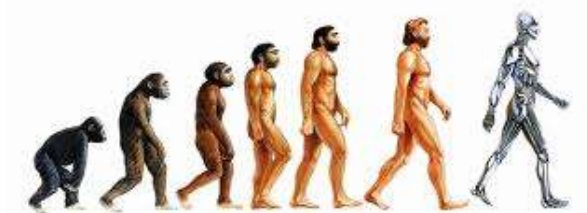
149, Name 2 books that explain the basic concepts of evolution ?

150, What is meant by chromosomal aberrations ?

151, State the law of genetic drift ?

152, What is species ?

153, Define founder principle ?



~ *~

HUMAN PHYSIOLOGY

- 1, Differentiate Marasmus with Kwashiorkor ?
- 2, Write the short notes regarding the types of Fatty acids ?
- 3, What is called as Hyperglycemia ?
- 4, What are the symptoms of Tooth decay ?
- 5, What are the types of Fractures ?
- 6, Mention the classifications of Dislocation of Joints.
- 7, What are the types of Arthritis ?
- 8, What are the symptoms for Tuberculosis ?
- 9, What are symptoms for Myocardial Infarction ?
- 10, What are limiting factors for heart Transplant Surgery ?
- 11, Define synapses ?
- 12, Define the types of Memory ?
- 13, What is lateralisation ?
- 14, Write down the names of Hormones of Adenohypophysis ?
- 15, What is ketosis ?
- 16, Define scotopic vision ?
- 17, What is photopic vision ?
- 18, Write down the important forms of Ametropia ?
- 19, Define Stye ?
- 20, Mention the reasons / causes of Eye infections.
- 21, What is `Chloasma` ?
- 22, What are the surgical methods of birth control ?
- 23, Mention the names of the auditory ossicles.
- 24, What are the types of hearing loss ?
- 25, Define `Calculus (Kidney stones)` ?

Usermedia.blogspot.com

MICROBIOLOGY

- 26, Mention the names of Oncogenic Viruses ?
- 27, Write short notes on Plague ?
- 28, Write down the different types of Malaria ?
- 29, Mention the diagnostic tests for HIV ?
- 30, Write down few important symptoms of HIV infection ?

IMMUNOLOGY

- 31, Define the term ` immunology` ?
- 32, What are the barriers of Innate Immunity ?
- 33, What is called `interferons` ?
- 34, Write the 3 main functions of free antibodies.
- 35, What are ` hotspots` ?
- 36, What is an Allograft ?
- 37, What is Isograft ?
- 38, What is SCID ?
- 39, What is an Anaphylaxis ?
- 40, What are the hormone like factors produced by the thymus gland ?



MODERN GENETICS:

- 41, Define Idiogram ?
- 42, What is called Karyotyping ?
- 43, Mention any 3 applications and uses of Recombinant DNA tech.
- 44, What are ` Superbugs` ?
- 45, What is called pedigree chart ?
- 46, Mention the significances of Human Genome Project ?
- 47, What are the uses of bioinformatics ?

- 48, What are the purposes of transfection ? Usermedia.blogspot.com
- 49, What is called Somatic cell gene therapy ?
- 50, What is Bioinformatics ?

ENVIRONMENTAL SCIENCE

- 51, Differentiate between the life span and life expectancy ?
- 52, Define `incineration` ?
- 53, What are the methods of extracting energy from oceans ?
- 54, What are the common methods of desalination ?
- 55, What are the advantages of Hydrogen as fuel ?

APPLIED BIOLOGY

- 56, What is Breed ?
- 57, Mention the cattle breeds used for dairy purpose ?
- 58, Mention the cattle breeds used for draught purpose ?
- 59, Mention the names of cattle breeds used for dual purpose ?
- 60, Write the origin and distribution of Kangayam breeds.
- 61, Name the bacterial diseases of cattles.
- 62, Mention the cattles' diseases of viral origin ?
- 63, Mention the names of few american breed of fowls.
- 64, Write notes on Aseel ?
- 65, Mention any 3 points to be considered for the selection of eggs.
- 66, What are poultry byproducts ?
- 67, Define `pisci culture`.
- 68, Listout the names of Indian Major carps ?
- 69, Name the brackish water fishes.
- 70, Mention the uses of stethoscope.

Frequently Asked Questions in Zoology for 12th Standard.

Very Short Answer {3 marks} Questions in [Biology] Zoology

THEORIES OF EVOLUTION

71, What are polysomics ?

72, What is polyploidy ?

73, Write the Hardy-Weinberg's law ?

74, What are symphatric diseases ?

75, What are allopatric species ?

=====

End



Thank You

Usermedia.blogspot.com

for the updated information

Kindly make a visit to



~~~~~