

# QB365 Question Bank Software Study Materials

## Bio - Zoology - The Living World 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

### Biology

Total Marks : 50

#### Multiple Choice Question

50 x 1 = 50

- 1) A living organism is differentiated from non-living structure based on \_\_\_\_\_.  
(a) Reproduction (b) Growth (c) Metabolism **(d) All the above**
- 2) A group of organisms having similar traits of a rank is \_\_\_\_\_.  
**(a) Species** (b) Taxon (c) Genus (d) Family
- 3) Every unit of classification regardless of its rank is \_\_\_\_\_.  
**(a) Taxon** (b) Variety (c) Species (d) Strain
- 4) Which of the following is not present in same rank?  
(a) Primata (b) Orthoptera (c) Diptera **(d) Insecta**
- 5) What taxonomic aid gives comprehensive information about a taxon?  
**(a) Taxonomic Key** (b) Herbarium (c) Flora (d) Monograph
- 6) Who coined the term biodiversity?  
**(a) Walter Rosen** (b) AG Tansley (c) Aristotle (d) AP de Candole
- 7) Cladogram considers the following characters \_\_\_\_\_.  
(a) Physiological and Biochemical **(b) Evolutionary and Phylogenetic** (c) Taxonomic and systematic  
(d) None of the above
- 8) Molecular taxonomic tool consists of \_\_\_\_\_.  
**(a) DNA and RNA** (b) Mitochondria and Endoplasmic reticulum (c) Cell wall and Membrane proteins (d) All the above
- 9) The word Taxonomy was coined by \_\_\_\_\_.  
(a) Linnaeus **(b) Candolle** (c) Aristotle (d) John Ray
- 10) Father of Taxonomy is \_\_\_\_\_.  
**(a) Aristotle** (b) Linnaeus (c) Bauhin (d) John Ray
- 11) \_\_\_\_\_ is the father of modern taxonomy and founder of systematics.  
**(a) Linnaeus** (b) Aristotle (c) John Ray (d) Bauhin
- 12) \_\_\_\_\_ was developed by Natural History Museum London.  
(a) SPIDA (b) ABIS (c) DAISY **(d) INOTAXA**
- 13) \_\_\_\_\_ is called the bird man of India.  
(a) Dr. Subramaniam **(b) Dr. Salim Ali** (c) Whittaker (d) Varad Giri
- 14) Species Plantarum was written by \_\_\_\_\_.  
**(a) Linnaeus** (b) Woese (c) Theophrastus (d) Darwin

- 15) \_\_\_\_\_ established species as the ultimate unit of taxonomy. (He coined the term species).  
(a) Aristotle (b) Linnaeus (c) **John Ray** (d) Bauhin
- 16) \_\_\_\_\_ was the first to classify animals.  
(a) **Aristotle** (b) Linnaeus (c) Theophrastus (d) Haeckel
- 17) Five kingdom system of classification was given by \_\_\_\_\_  
(a) Woese (b) **Whittaker** (c) Linnaeus (d) Cronquist
- 18) Introduced the seven kingdom system of classification \_\_\_\_\_  
(a) John Ray (b) **Smith** (c) Bauhin (d) Linnaeus
- 19) "Historia Generalis Plantarum" was written by \_\_\_\_\_  
(a) Linnaeus (b) Aristotle (c) **John Ray** (d) Bauhin
- 20) The term bio-diversity was first introduced by:  
(a) A. G. Tansley (b) **Walter Rosen** (c) Aristotle (d) AP de Candolle
- 21) \_\_\_\_\_ is called as father of taxonomy.  
(a) Carolus Linnaeus (b) **Aristotle** (c) Theophrastus (d) John Ray
- 22) According to Aristotle, the animals with red blood cells are called \_\_\_\_\_  
(a) Anaima (b) chromista (c) **Enaima** (d) Protozoa
- 23) Prokaryotes which have the ability to grow in extreme conditions are called \_\_\_\_\_  
(a) Probiotic (b) Pathogenic (c) **Extremophiles** (d) Archaea
- 24) Seven Kingdom system was proposed by \_\_\_\_\_  
(a) **Cavalier-Smith** (b) Adams (c) AG Tansley (d) Walter Rosen
- 25) The scientific name of human is \_\_\_\_\_  
(a) Homo erectus (b) **Homo sapiens** (c) Emberi (d) Umano
- 26) The binomial name of Indian National Bird is \_\_\_\_\_  
(a) **Pavo cristatus** (b) Homo sapiens (c) Ailurus fulgens (d) Felis margarita
- 27) Which of the following is not correct with regard to ecosystem?  
(a) It includes living and non-living things. (b) **It shows interrelationship among living things**  
(c) It shows interrelationship among living and non-living things (d) It has a large number of species
- 28) Who was known as the father of Botany?  
(a) Aristotle (b) Carolus Linnaeus (c) John Ray (d) **Theophrastus**
- 29) Who developed the scientific system of Taxonomy and Binomial nomenclature?  
(a) R.H. Whittaker (b) **Carolus Linnaeus** (c) John Ray (d) Charles Darwin
- 30) The system of classification of organisms based on evolutionary and genetic relationship among organisms is called as \_\_\_\_\_  
(a) Natural system of classification (b) **Phylogenetic system of classification** (c) Binomial classification  
(d) Trinomial classification
- 31) The bacteria which live in salty environment are called \_\_\_\_\_  
(a) Thermoacidophiles (b) Methanogens (c) **Halophiles** (d) Pathogens

- 32) Which of the following is the characteristics of the domain Bacteria?
- (a) They are eukaryotic organisms (b) They have true nucleus and membrane bound organelles  
(c) The ribosomes are of 80s type in the cytoplasm **(d) They have membrane bound 70s type ribosomes.**
- 33) Which of the following is not correct with regard to species?
- (a) They have similar morphological features **(b) They are reproductively isolated** (c) They produce viable young ones  
(d) They have similar anatomical features
- 34) The cross between male lion and female tiger results in the production of \_\_\_\_\_
- (a) Mule (b) Tigon **(c) Liger** (d) Hinny
- 35) Origin of species is the book written by \_\_\_\_\_
- (a) John Ray **(b) Charles Darwin** (c) Linnaeus (d) Aristotle
- 36) Taxonomical keys are useful to study \_\_\_\_\_
- (a) Similarities and dissimilarities of animals** (b) Preserved plants and animals  
(c) Animals kept in protected environments (d) Plant Taxonomy
- 37) DNA hybridization is helpful to \_\_\_\_\_
- (a) Identify an individual from a sample of DNA (b) Detect difference in homologous DNA sequences  
**(c) Measure the degree of genetic similarity between pools of DNA sequences** (d) Amplify a specific gene
- 38) DAISY, the cyber tool is \_\_\_\_\_
- (a) Digital automated identification system** (b) Digital automated information system  
(c) Direct automated identification system (d) Digital automated identification science
- 39) Which of the following are recently discovered species in south India?
- (a) Purple frog (Nasika bat rachus bhupathi)** (b) Pavo cristatus (c) Panthera tigris (d) Boa boa
- 40) Which of the following is an incorrect taxonomical tool?
- (a) DNA - Fingerprinting - To identify an individual from a sample of DNA by looking at unique patterns in their DNA.  
(b) Taxonomical keys are used to identify plants and animals based on similarities and dissimilarities.  
(c) A Museum has a collection of preserved plants and animals of extinct and living organisms, which can be studied.  
**(d) Zoological parks - Wild animals are kept in natural environment without human care**
- 41) Taxonomically a species is \_\_\_\_\_ .
- (a) A group of evolutionary related population **(b) A fundamental unit in the phylogeny of organisms**  
(c) Classical evolutionary taxonomy (d) A community taken into consideration an evolutionary base
- 42) A community includes \_\_\_\_\_ .
- (a) a group of same genera (b) a group of same population (c) a group of individuals from same species  
**(d) different populations interacting with each other**
- 43) Which form of reproduction is correctly matched?
- (a) Euglena - transvers binary fission (b) Paramecium- longitudinal binary fission **(c) Amoeba - multiple fission**  
(d) Plasmodium - binary fission
- 44) The ability to produce the lost part of the body is called as
- (a) growth (b) reproduction **(c) regeneration** (d) Metabolism
- 45) The example for single-celled organism is

- (a) Planaria    **(b) Entamoeba**    (c) Mule    (d) Worker bees
- 46) Which one of the following is a defining feature of all living organisms?  
**(a) Metabolism**    (b) Reproduction    (c) Growth    (d) Locomotion
- 47) ICBN stands for  
**(a) International code for Botanical Nomenclature**    (b) Indian code for Biological Nomenclature  
(c) International Congress for Botanical Nomenclature    (d) Intercontinental Conference for Botanical Nomenclature
- 48) Which one of the following statement is incorrect for taxonomic hierarchy?  
(a) Consists of seven obligate ranks and twenty one intermediate ranks  
**(b) Number of common characters increases in higher categories**    (c) Diversity decreases from higher to lower categories  
(d) Basic unit is species
- 49) Which statement is incorrect with reference to museums?  
(a) Insects are kept in insect boxes    (b) Specimens are preserved as dry specimens  
(c) Specimens are preserved in preservative solutions  
**(d) Live animals are kept in protected environments under human care**
- 50) Taxonomic aid which contains information about one taxon is  
**(a) Monograph**    (b) Manual    (c) Flora    (d) Catalogue