

Chapter:2 Biological Classification

True and False

Q.No	Question	Answer True/ False	Typology
Q.1	Cell wall of fungi is composed of chitin.	True	Knowledge
Q.2	Bacteria belong to kingdom Monera.	True	Knowledge
Q.3	Thermoacidophile bacteria are found in extremely salty areas.	False	Understanding
Q.4	Methanogens are found in hot springs.	False	Understanding
Q.5	Desmids are also known as golden algae.	True	Knowledge
Q.6	Red tides are formed by <i>Gonyaulax</i> .	True	Understanding
Q.7	<i>Chlorella</i> is used to make bread and beer.	False	Understanding
Q.8	Mycorrhiza is association of fungi with the roots of higher plants.	True	Knowledge
Q.9	In conidia the asexual spores are produced exogenously	True	Understanding
Q.10	Deuteromycetes are imperfect fungi	True	Knowledge

Chapter:2 Biological Classification

Multiple Choice Questions

Q.No	Question	Answer	Typology
Q.1	Five Kingdom classification was given by:- a) Aristotle b) R.H. Whittaker c) Karl Wose d) Gregor John Mendel	R.H. Whittaker	Knowledge
Q.2	The smallest known organism is a) Mycoplasma b) Amoeba c) Paramecium d) Fungi	Mycoplasma	Knowledge
Q.3	Viroids were discovered by – a) D. J. Ivanowsky b) M. W. Beigerinek c) T. O. Diener d) None of these	T. O. Diener	Knowledge
Q.4	Which of the following group of fungi known as “Imperfect Fungi” a) Phycomycetes b) Duetromycetes c) Basidiomycetes d) All of these	Duetromycetes	Understanding
Q.5	The reserve food material in animals is :- a) Glycogen b) Glucose c) Starch d) Protein	Glycogen	Knowledge
Q.6	Alteration of generation is mainly seen in :- a) Fungi b) Protista c) Plantae d) Monera	Plantae	Knowledge
Q.7	Nitrogen fixation is achieved by N ₂ fixing bacteria with the help of a) Heterocyst b) Pseudopodia c) Cilia d) Basidiocarps	Heterocyst	Knowledge

Chapter:2 Biological Classification

Q.8	Mycelium structure is seen in :- a) Algae b) Fungi c) Protista d) Monera	Fungi	Understanding
Q.9	Cell wall of Chrysophytes is indestructible due to presence of a) Non-cellulose b) Hemi-cellulose c) silica d) Peptidoglycan	silica	Knowledge
Q.10	The fruiting body of mushrooms are :- a) Ascocarps b) Basidiocarps c) Sporangium d) Conidia	Basidiocarps	Understanding

Fill in the Blanks



Q.No	Question	Answer	Typology
Q.1	Five kingdom classification was given by	R. H. Whittakar	Knowledge
Q.2	In two kingdom classification Paramecium and Amoeba were placed in kingdom.	Animal Kingdom	Knowledge
Q.3	Cyanobacteria have pigment _____ similar to green plants	Chlorophyll a	Knowledge
Q.4	Red tides are caused by a dinoflagellate named _____	<i>Gonyaulax</i> .	Knowledge
Q.5	Colonies formed by <i>slime moulds</i> is called	Plasmodium	Knowledge
Q.6	Wheat rust-causing fungi _____	puccinia	Knowledge
Q.7	The cell walls of fungi are composed of _____ and _____.	Chitin polysaccharides	Knowledge
Q.8	Asexual reproduction in phycocytetes takes place by motile spores called _____ or by non motile spores called _____	Zoospores and aplanospores	Knowledge
Q.9	Venus fly trap belongs to group of organism.	Insectivorous	Knowledge
Q.10	Tobacco is infected by the virus called as _____	Tobacco mosaic virus	Knowledge

Chapter:2 Biological Classification

Match the Following

Q.No	Question		Answer		Typology
Q.1	Column A a. Rod shaped bacteria b. Comma Shaped bacteria	Column B i) Spirillum ii) Bacillus iii) Coccus iv) Vibrio	Column A a. b.	Column B i) iv)	Knowledge
Q.2	Column A a. Bacteria b. Virus	Column B i) AIDS ii) Ringworm iii) Malaria iv) Typhoid	Column A a. b.	Column B iv) i)	Knowledge
Q.3	Column A a. Methanogens b. Halophiles	Column B i) Salty Areas ii) Marshy Areas iii) Hot Springs iv) Decomposers	Column A a. b.	Column B ii) i)	Understanding
Q.4	Column A a. <i>Lactobacillus lacti</i> b. <i>Rhizobium</i>	Column B i) Antibiotics ii) Nitrogen fixation iii) Making curd iv) Leather industry	Column A a. b.	Column B iii) ii)	Application
Q.5	Column A a. Mycoplasma b. Yeast	Column B i) Anaerobic ii) Photosynthetic iii) Aerobic iv) Chemosynthetic	Column A a. b.	Column B i) ii)	Understanding
Q.6	Column A a. Five Kingdom Classification. b. Two kingdom Classification	Column B i) Linnaeus ii) R.H. Whittaker iii) Aristotle iv) Darwin	Column A a. b.	Column B i) ii)	Knowledge

Chapter:2 Biological Classification

Q.7	Column A a.Desmids b.Plankton	Column B i)Brown Algae ii)Golden algae iii)Red Algae iv)floats freely in water currents	Column A a. b.	Column B ii) iv)	Knowledge
Q.8	Column A a.  b. 	Column B (i) <i>Dinoflagellates</i> (ii) <i>Euglena</i> (iii) <i>Slime mould</i> (iv) <i>Paramoecium</i>	Column A a. b.	Column B i) ii)	Knowledge
Q.9	Column A a. Saprophytes b. Parasites	Column B i)depend on living plants and animals ii) depends only on plants iii)depends only on animals iv)depends on dead and decay matter	Column A a. b.	Column B i) ii)	Knowledge
Q.10	Column A a. <i>Trypanosoma</i> . b. <i>Plasmodium</i>	Column B i) <i>Amoeboid protozoan</i> ii) <i>Flagellated protozoan</i> iii) <i>Ciliated protozoan</i> iv) <i>Sporozoan</i>	Column A a. b.	Column B i) ii)	Knowledge