

QB365 Question Bank Software Study Materials

Bio - Botany - 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) Which one of the following statement about virus is correct?
(a) Possess their own metabolic system (b) They are facultative parasites (c) **They contain DNA or RNA**
(d) Enzymes are present
- 2) Identify the incorrect statement about the Gram positive bacteria.
(a) Teichoic acid absent (b) High percentage of peptidoglycan is found in cell wall (c) Cell wall is single layered
(d) **Lipopolysaccharide is present in cell wall**
- 3) Identify the Archaeobacterium.
(a) Acetobacter (b) Erwinia (c) Treponema (d) **Methanobacterium**
- 4) The correct statement regarding Blue green algae is _____.
(a) **lack of motile structures** (b) presence of cellulose in cell wall (c) absence of mucilage around the thallus
(d) presence of floridean starch
- 5) Identify the correctly matched pair.
(a) Actinomycete - Late blight (b) Mycoplasma - Lumpy jaw (c) **Bacteria - Crown gall** (d) Fungi - Sandal spike
- 6) Monotropa derives nutrition by _____.
(a) Root Nodules (b) Lichens (c) **Mycorrhizae** (d) Roots
- 7) Bacteria was first discovered by a _____ scientist.
(a) German (b) **Dutch** (c) French (d) American
- 8) Virus that infects bacteria is called _____.
(a) Mycophage (b) Lactophage (c) **Bacteriophage** (d) Cyanophage
- 9) Extra chromosomal self-replicating DNA segments called
(a) CDNA (b) rDNA (c) **Plasmid** (d) RNA
- 10) Disease causing organisms are called as _____.
(a) organisms (b) **pathogens** (c) recipients (d) decomposers
- 11) Identify the fastest growing cyanobacteria
(a) Halobacterium (b) Methanobacterium (c) **Spirulina** (d) Thermoprotens
- 12) _____ shows cuboid symmetry.
(a) TMV (b) Bacteriophage (c) **Herpes virus** (d) Influenza
- 13) The study of Bacteria is called _____.
(a) Virology (b) Mycology (c) Physiology (d) **Bacteriology**

- 14) _____ is the branch of science that deals with the study of fungi.
(a) Phycology (b) Oncology **(c) Mycology** (d) Psychology
- 15) Which among the bacteria breakdown hydrocarbons?
(a) Pseudomonas putida (b) Lacto bacillus (c) Bifido bacterium (d) Nitrosomonas
- 16) Pick out the incorrect pair:
(a) Blast of paddy - Magnaporthe grisea **(b) Red rot of sugarcane - Albugo candida**
(c) Rust of wheat - Puccinia graminis (d) Peach of leaf curl - Taphrina deformans
- 17) Indicate the correct statement:
(a) Virion is a circular molecule of ss RNA without a capsid (b) Virion is a phage injects to linear DNA into the host cell
(c) Virion is an intact infective virus particle, which is non - replicating outside a host cell
(d) Virion!s discovered by I.W Randles
- 18) Growth in living things is _____.
(a) Intrinsic (b) Linear (c) Spiral (d) Extrinsic
- 19) Viruses have nucleic acid core surrounded by _____.
(a) Protein coat (b) Lipid (c) Ammonia (d) Glucose
- 20) Crystalline form of virus was first observed by _____ in 1935
(a) Louis Pasteur (b) Ivanosky (c) Ivanosky **(d) W.M.Stanley**
- 21) The genetic material in Reo viruses is _____.
(a) DS- RNA (b) SS - RNA (c) DS- DNA (d) SS - DNA
- 22) The genetic material in parvovirus is _____.
(a) SS - RNA (b) ds DNA (c) SS RNA (d) ds RNA
- 23) Plant viruses have _____.
(a) DNA **(b) RNA** (c) BothDNAand RNA (d) Coiled Nucleus
- 24) The protein subunit in TMV is _____.
(a) Capsid (b) Core **(c) Capsomere** (d) Nucleus
- 25) In T4 Phage long helical tail consist of inner tubular core which is connected to the head by _____.
(a) Spike **(b) Collar** (c) Tail (d) Baseplante
- 26) Lysogenic cycle is otherwise called _____.
(a) Avirulent (b) Virulent (c) Transfection (d) Ghost
- 27) _____ were discovered by Stanley B.Prusiner in 1982.
(a) Prions (b) Virusoid (c) Viroids (d) Virus
- 28) Viroids differ from viruses because they have _____.
(a) Satellite RNA packed with viral genome **(b) Naked RNA molecule only** (c) Naked DNA molecule only
(d) Naked DNA with viral genome
- 29) Ted tide is caused by_____.
(a) Ooflagellate (b) Xanthophyceae **(c) Dinoflagellate** (d) Badlariophyta
- 30) The Bacterial genetic material is referred as _____.

- (a) **Genophore** (b) Genegun (c) Gene (d) Genome

31) Match the following

A) Streptomyces	i) Food poisoning
B) Rhizopium	ii) Antibiotic
C) Nitrosomonas	iii) Nitrogen fixation
D) Acetobacter	iv) Nitrification
	v) Vinegar synthesis

- (a) A-iii),B-v),C-iv),D-i) (b) **A-ii),B-iii),C-iv),D-v)** (c) A-v),B-iv),C-ii),D-i) (d) A-i),B-ii),C-iii),D-iv)

32) Alexander Flemming was awarded Noble Prize in Medicine in the year _____.

- (a) 1942 (b) **1945** (c) 1946 (d) 1949

33) _____ is also called as Thallospore.

- (a) Oidia (b) **Conidia** (c) Zoospores (d) Chlamydospore

34) _____ is bread mould fungi.

- (a) **Mucor** (b) Penicillium (c) Pilobus (d) Erysiphe

35) The flask shaped Ascocarp is _____.

- (a) Perithecium (b) **Apothecium** (c) Pseudothecium (d) Perithecium

36) Aflatoxin is obtained from _____.

- (a) **Aspergillus flavus** (b) Boletus satanus (c) Gibberla fujikuroi (d) Amanita phalloides

37) Late blight of Potato is caused by _____

- (a) **Phytophthora** (b) Rhizopus (c) Ustilago (d) Colletotricum

38) Symbiotic association between Algae and Fungai is _____.

- (a) **Lichen** (b) Oidia (c) Conidia (d) Pycnidium

39) The common name of Reindeer moss _____.

- (a) Usneacomos (b) **Cladonia rangifera** (c) Funaria (d) Sphagnum

40) Five kingdom system of classification suggested by R.H. Whittaker is not based on

- (a) **Presence or absence of a well defined nucleus** (b) Mode of reproduction (c) Mode of nutrition
(d) Complexity of body organisation

41) Which of the following components provides sticky character to the bacterial cell?

- (a) Cell wall (b) Nuclear membrane (c) Plasma membrane (d) **Glycocalyx**

42) Flagellated male gametes are present in all the three of which one of the following sets?

- (a) **Riccia, Dryopteris and Cycas** (b) Anthoceros, Funaria and Spirogyra (c) Zygnema, Saprolegnia and Hydnulla
(d) Fucus, Marsilea and Calotropis

43) Viroids were discovered by _____ .

- (a) Ivanowsky (b) Robert Gallo (c) **Diener** (d) d'Herelle

44) _____ is a new kingdom in seven kingdom classification.

- (a) Eubacteria (b) Plantae (c) **Chromista** (d) Archaeobacteria

45) Lederberg studied transduction in _____ bacterium.

- (a) Diplococcus pneumoniae (b) Streptococcus (c) **Salmonella typhi** (d) Escherichia coli
- 46) In which mycelium, the hyphae are arranged loosely?
(a) **Prosenchyma** (b) Plectenchyma (c) Pseudoparenchyma (d) Arenchyma
- 47) Cauliflower Mosaic Virus possess _____
(a) **DNA** (b) RNA (c) RNA & DNA (d) None of these
- 48) Lytic cycle is otherwise called _____
(a) Avirulent (b) **Virulent** (c) Transfection (d) Ghost
- 49) Example for Archaeobacteria _____.
(a) Methanobacterium (b) Halobacterium (c) Thermoplasma (d) **All the above**
- 50) _____ is called imperfect fungi.
(a) Basidiomycetes (b) Oomycetes (c) **Deuteromycetes** (d) Basidiocarp