



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD



Class : 11

Subject : BIOLOGY

Term : FIRST TERM

Max Marks : 60

Q 1 : The growth in living organisms is

Marks : 1

1. Accretion
2. Intussusception
3. Maturity
4. Somatic

(This Answer is Correct)

Q 2 : The phenomenon which compensates for the loss of life due to death is

Marks : 1

1. Reproduction
2. Growth
3. Maturity
4. Senescence

(This Answer is Correct)

Q 3 : Malus malus is an example of

Marks : 1

1. Homonym
2. Synonym
3. Toponym
4. Tautonym

(This Answer is Correct)

Q 4 : If the name of a species is revised by Skeels, it is written as

Marks : 1

1. Syzygium cumini L. Skeels
2. Syzygium cumini (Skeels) L.
3. Syzygium cumini (L) Skeels
4. Syzygium cumini L.(Skeels)

(This Answer is Correct)

Q 5 : In which type pseudopodia do we find long, stiff structure with axial filament?

Marks : 1

1. Axopodia
2. Filopodia
3. Lobopodia
4. Reticulopodia

(This Answer is Correct)

Q 6 : Saxitoxin is produced by

Marks : 1

1. Diatoms
2. Dinoflagellates
3. Fungi
4. Paramoecium

(This Answer is Correct)

Q 7 : Reserve food in Euglena is

Marks : 1

1. Starch
2. Floridean starch
3. Laminarin
4. Paramylum bodies

(This Answer is Correct)

Q 8 : Clamp connection is associated with

Marks : 1

1. Oomycetes
2. Basidiomycetes
3. Ascomycetes
4. Phycomycetes

(This Answer is Correct)

Q 9 : Racodium is a _____ lichen

Marks : 1

1. Leprose
2. Crustose
3. Filamentous
4. Foliose

(This Answer is Correct)

Q 10 : During infection, the DNA of a bacteriophage passes out through

Marks : 1

1. Tail sheath
2. Core tube
3. Head
4. Tail fibres

(This Answer is Correct)

Q 11 : Reindeer Moss is a

Marks : 1

1. Cnidarian
2. Bryophyta
3. Lichen
4. Fungus

(This Answer is Correct)

Q 12 : Which of the following organisms is green in colour?

Marks : 1

- 1 . Ectocarpus
- 2 . Polysiphonia
- 3 . Chondrus
- 4 . Chara**

(This Answer is Correct)

Q 13 : Which of the following is not true about Marchantia?

Marks : 1

- 1 . Sex organs are multicellular
- 2 . Sporophyte is independent**
- 3 . Gametophyte has no vascular tissues
- 4 . Male gametes are flagellate

(This Answer is Correct)

Q 14 : Dimorphic leaves are not found in

Marks : 1

- 1 . Pteridophytes
- 2 . Gymnosperms**
- 3 . Bryophytes
- 4 . Angiosperms

(This Answer is Correct)

Q 15 : In angiosperms, the endosperm is

Marks : 1

- 1 . Haploid
- 2 . Diploid
- 3 . Triploid**
- 4 . Tetraploid

(This Answer is Correct)

Q 16 : Madreporite is found in

Marks : 1

- 1 . Mollusca
- 2 . Echinodermata**
- 3 . Arthropoda
- 4 . Chordata

(This Answer is Correct)

Q 17 : Which of the following is not a character of *Labeo rohita*?

Marks : 1

- 1 . Homocercal tail
- 2 . Swim bladder present
- 3 . Terminal mouth
- 4 . Placoid scales present**

(This Answer is Correct)

Q 18 : Some reptiles contain a copulatory organ called

Marks : 1

- 1 . Pineal setae
- 2 . Penis
- 3 . Hemipenis**
- 4 . None of the above

(This Answer is Correct)

Q 19 : During winter season, the sieve plates are blocked by the deposition of

Marks : 1

- 1 . Cytoplasm
- 2 . Lignin
- 3 . Callose**
- 4 . Cutin

(This Answer is Correct)

Q 20 : Casparian strips are a part of the

Marks : 1

- 1 . Hypodermis
- 2 . Endodermis**
- 3 . Pith
- 4 . Medullary rays

(This Answer is Correct)

Q 21 : The xylem of the stem is

Marks : 1

- 1 . Exarch
- 2 . Endarch**
- 3 . Mesarch
- 4 . Absent

(This Answer is Correct)

Q 22 : Which of the following is not a type of racemose inflorescence?

Marks : 1

- 1 . Capitulum**
- 2 . Catkin
- 3 . Solitary
- 4 . Corymb

(This Answer is Correct)

Q 23 : Which of the following is the correct term for 'stamens united with perianth'?

Marks : 1

- 1 . Synandrous
- 2 . Gynandrous
- 3 . Syngenesious
- 4 . Epiphyllous**

(This Answer is Correct)

Q 24 : Which of the following is also called 'incipient mitochondria'? **Marks : 1**

1. Plasmid
2. Chromatophore
3. Ribosome
- 4. Mesosomes**

(This Answer is Correct)

Q 25 : Which of the following types of chromoplast stores phycoxanthin? **Marks : 1**

1. Rhodoplast
2. Xanthoplast
- 3. Phaeoplast**
4. Carotenoplast

(This Answer is Correct)

Q 26 : Quantosomes are found inside **Marks : 1**

1. Stroma
2. Stroma lamellae
3. Ribosomes
- 4. Thylakoids**

(This Answer is Correct)

Q 27 : The acrosome of spermatozoa is formed by the involvement of **Marks : 1**

1. Mitochondria
- 2. Golgi Complex**
3. Chloroplast
4. Centrosome

(This Answer is Correct)

Q 28 : Which of the following structures is referred to as 'Lysosomes of the plant cell'? **Marks : 1**

1. Chromatophore
- 2. Spherosome**
3. Glyoxysome
4. Peroxisome

(This Answer is Correct)

Q 29 : In nucleolus, 'nucleolonema' is **Marks : 1**

- 1. Fibrillar zone**
2. Granular Zone
3. Amorphous Zone
4. None of the above

(This Answer is Correct)

Q 30 : The hyaloplasm consists of

Marks : 1

- 1 . Protein
- 2 . Fat
- 3 . Carbohydrates
- 4 . All of the above

(This Answer is Correct)

Q 31 : When the bacteria become larger and immobile during the formation of the infection thread, they are called

Marks : 1

- 1 . Peribacteroid
- 2 . Bacteroid
- 3 . Cyanobacteria
- 4 . Bacteria

(This Answer is Correct)

Q 32 : The genes responsible for proper functioning of nitrogenase is

Marks : 1

- 1 . nod
- 2 . nf
- 3 . nif
- 4 . cry

(This Answer is Correct)

Q 33 : Absorption of water and calcium is increased by

Marks : 1

- 1 . Copper
- 2 . Zinc
- 3 . Boron
- 4 . Manganese

(This Answer is Correct)

Q 34 : An example of ex-situ conservation is

Marks : 1

- 1 . Sacred grove
- 2 . National Park
- 3 . Seed Bank
- 4 . Wildlife Sanctuary

(This Answer is Correct)

Q 35 : When a tuft of flagella is present at one end of the bacteria, it is said to be

Marks : 1

- 1 . Monotrichous
- 2 . Amphitrichous
- 3 . Lophotrichous
- 4 . Peritrichous

(This Answer is Correct)

Q 36 : Cruetz-feldt Jakob disease is caused by

Marks : 1

1. Retrovirus
2. Prions
3. DNA Viruses
4. RNA Viruses

(This Answer is Correct)

Q 37 : The main stored food in Polysiphonia

Marks : 1

1. Laminarin
2. Starch
3. Floridean starch
4. Mannitol

(This Answer is Correct)

Q 38 : Which of the following is not a pteridophyte?

Marks : 1

1. Marsilea
2. Equisetum
3. Cycas
4. Lycopodium

(This Answer is Correct)

Q 39 : A radula is a unique organ for feeding found in

Marks : 1

1. Molluscs
2. Arthropods
3. Annelids
4. All of the above

(This Answer is Correct)

Q 40 : Medullary rays are observed in

Marks : 1

1. Dicot root
2. Monocot root
3. Dicot stem
4. Monocot stem

(This Answer is Correct)

Q 41 : In maize stem, the vascular bundles are

Marks : 1

1. Conjoint and open
2. Conjoint and closed
3. Radial
4. Concentric

(This Answer is Correct)

Q 42 : In Alstonia, phyllotaxy is **Marks : 1**

1. Opposite decussate
2. Opposite superposed
- 3. Whorled** (This Answer is Correct)
4. Alternate

Q 43 : In the floral formula, % represents **Marks : 1**

1. Male flower
2. Bisexual flower
- 3. Zygomorphic** (This Answer is Correct)
4. Actinomorphic

Q 44 : The number of triplets of microtubules present on the centrioles is **Marks : 1**

1. 11
2. 2
- 3. 9** (This Answer is Correct)
4. 13

Q 45 : Interveinal chlorosis is a deficiency symptom of **Marks : 1**

1. Copper
- 2. Magnesium** (This Answer is Correct)
3. Nickel
4. Boron

Q 46 : The variety of habitats of organisms in a large geographical area is **Marks : 1**

1. Alpha diversity
2. Beta diversity
- 3. Gamma diversity** (This Answer is Correct)
4. None of the above

Q 47 : Which of the following does not differ in E.coli and Chlamydomonas? **Marks : 1**

1. Chromosomal organization
- 2. Cell membrane** (This Answer is Correct)
3. Cell wall
4. Ribosome

Q 48 : Which of the following bacteria have teichoic acid on its wall?

Marks : 1

- 1 . E.coli
- 2 . Rhizobium
- 3 . Vibrio
- 4 . Bacillus**

(This Answer is Correct)

Q 49 : Which of the following structures can be observed in a cellular slime mould?

Marks : 1

- 1 . Phaneroplasmodium
- 2 . Protoplasmodium
- 3 . Pseudoplasmodium**
- 4 . Swarm Cells

(This Answer is Correct)

Q 50 : Which of the following is deoxyvira?

Marks : 1

- 1 . Retrovirus
- 2 . Reovirus
- 3 . Influenzavirus
- 4 . Pox virus**

(This Answer is Correct)

Q 51 : Peristome teeth is present in

Marks : 1

- 1 . Riccia
- 2 . Marchantia
- 3 . Funaria**
- 4 . Anthoceros

(This Answer is Correct)

Q 52 : Branchiostoma is a cephalochordate because of

Marks : 1

- 1 . Hollow nerve cord
- 2 . Notochord extended till the head**
- 3 . Pharyngeal gill slits
- 4 . Long body

(This Answer is Correct)

Q 53 : The thickening of collenchyma does not have

Marks : 1

- 1 . Cellulose
- 2 . Hemicellulose
- 3 . Pectin
- 4 . Lignin**

(This Answer is Correct)

Q 54 : The type of inflorescence present in *Cassia sophera* is **Marks : 1**

1. Raceme
2. Corymb (This Answer is Correct)
3. Spike
4. Umbel

Q 55 : Rose has _____ ovary. **Marks : 1**

1. Superior
2. Inferior
3. Half inferior (This Answer is Correct)
4. Inconspicuous

Q 56 : The matrix of the cell wall usually does not have **Marks : 1**

1. Pectin
2. Suberin (This Answer is Correct)
3. Lignin
4. Cutin

Q 57 : In mammalian cells, the larger subunit of mitoribosomes is **Marks : 1**

1. 30S
2. 70S
3. 35S (This Answer is Correct)
4. 60S

Q 58 : Aminotransferase helps in the process of **Marks : 1**

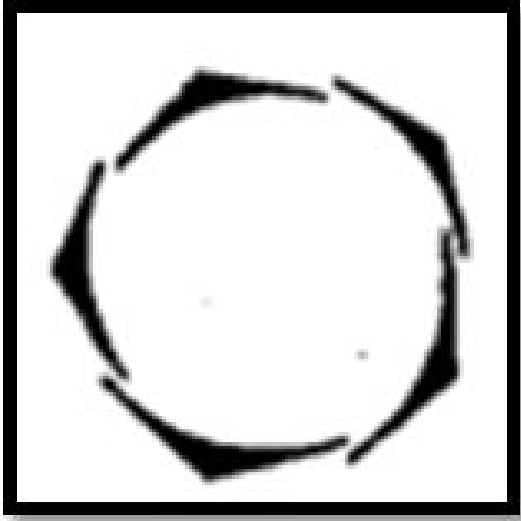
1. Reductive amination
2. Catalytic amidation
3. Transamination (This Answer is Correct)
4. Nitrite formation

Q 59 : Dinitrogenase is called _____ protein **Marks : 1**

1. Fe-S
2. Mo-Fe (This Answer is Correct)
3. Fe
4. Mo

Q 60 : Identify the aestivation:

Marks : 1



- 1 . Valvate
- 2 . Twisted
- 3 . Vexillary
- 4 . Imbricate**

(This Answer is Correct)