

**INDIAN SCHOOL MUSCAT**

**FIRST TERM EXAMINATION**  
**NOVEMBER 2021**

**SET A**

**CLASS XI**

**Marking Scheme – BIOLOGY[THEORY]**

Q.NO.	OPTION	ANSWER
1.	(a)	Class , Family ,Genus , Species
2.	(b)	Reproduction
3.	(b)	Diatoms
4.	(c)	Phycomycetes
5.	(b)	Archaebacteria
6.	(b)	Capsid
7.	(b)	Marchantia
8.	(d)	gymnosperm
9.	(a)	class-Chlorophyceae (green algae)
10.	(a)	haploid and is found in mosses
11.	(d)	head, muscular foot and visceral hump
12.	(c)	placoid scale with ventral mouth
13.	(d)	All of the above
14.	(a)	aestivation
15.	(c)	free-central placentation
16.	(c)	Asymmetric are irregularly symmetrical flowers
17.	(a)	Staminode
18.	(a)	Cells are compactly packed with little intercellular matrix
19.	(d)	bronchioles and Fallopian tubes
20.	(a)	middle lamella
21.	(b)	Lysosomes and vacuoles
22.	(d)	All of the above
23.	(a)	RuBisCo
24.	(a)	Ribozymes
25.	B	Both A and R are true and R is not the correct explanation of A
26.	A	Both A and R are true and R is the correct explanation of A
27.	A	Both A and R are true and R is the correct explanation of A
28.	C	A is true but R is false
29.	(a)	5 4 2 1 3
30.	(c)	2 4 3 1
31.	(b)	I and II
32.	(a)	1 3 2

33.	(c)	2 1 3
34.	(a)	chondrocytes
35.	(a)	1 3 2
36.	(a)	involuntary, uninucleate, non-striated
37.	(b)	I and II
38.	(c)	A–Plasma membrane, B–Interdoubletbridge, C–Central microtubule, D–Radial spoke
39.	(c)	Several ribosomes attached to a single mRNA
40.	(d)	Connections between adjacent cells
41.	(a)	Acrocentric
42.	(c)	Aleroplasts
43.	(d)	Only IV
44.	(a)	1 2 4 3
45.	(c)	4 3 2 1
46.	(d)	Ester bond and Hydrogen bond
47.	(b)	X–Activation energy with enzyme, Y–Activation energy without enzyme
48.	(b)	Glucose
49.	(a)	Hydra
50.	(b)	Aurelia
51.	(d)	sea anemone
52.	(b)	Alternation of generation between sexual and asexual phase
53.	(c)	Calcium Carbonate
54.	(d)	(d)All of the above
55.	(d)	A–Nostoc, B–Heterocyst, C–Mucilaginous sheath
56.	(b)	A–Capsule, B–Seta, C–Sporophyte,D–Gametophyte
57.	(d)	Non-chordata – Hemichordata
58.	(a)	hypogynous
59.	(d)	A – Valvate, B – Twisted, C – Imbricate, D – Vexillary
60.	(b)	A–Cisternae, B–Vesicle, C–Trans face,D–Cis face