

INDIAN SCHOOL MUSCAT

FIRST TERM EXAMINATION
NOVEMBER 2021

SET C

CLASS XI

Marking Scheme – BIOLOGY [THEORY]

Q.NO.	OPTION	ANSWER
1.	(a)	their failure to interbreed
2.	(b)	Reproduction
3.	(b)	Diatoms
4.	(c)	Phycomycetes
5.	(b)	Thermoacidophiles
6.	(b)	Capsid
7.	(b)	Marchantia
8.	(d)	gymnosperm
9.	(a)	class-Chlorophyceae (green algae)
10.	(b)	These plants live in soil and depend on water for sexual reproduction.
11.	(d)	head, muscular foot and visceral hump
12.	(c)	placoid scale with ventral mouth
13.	(b)	Aschelminthes
14.	(a)	aestivation
15.	(c)	free-central placentation
16.	(c)	Asymmetric are irregularly symmetrical flowers
17.	(c)	The thalamus has nodes and bears whorls on them
18.	(a)	Cells are compactly packed with little intercellular matrix
19.	(b)	they are single – layered in thickness
20.	(a)	middle lamella
21.	(b)	Mycoplasma
22.	(d)	All of the above
23.	(c)	Collagen
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.	(b)	Osteocytes

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.	(a)	50S + 30S
40.	(d)	Connections between adjacent cells
41.	(a)	Acrocentric
42.	(d)	Amyloplasts
43.	(d)	Only IV
44.	(a)	1 2 4 3
45.	(c)	4 3 2 1
46.	(d)	Peptide 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