

ANSWER KEY

1.	a) First
2.	a) Haustoria
3.	b) Catalase
4.	a) Flora
5.	a) One
6.	c) Bryophytes
7.	a) <u>Equisetum</u>
8.	d) Wind
9.	d) Canada balsam
10.	b) <u>Selaginella</u>
11.	d) Four
12.	a) Fertilisation
13.	b) Citrus
14.	a) Proteins
15.	b) Ovule
16.	c) Tansley
17.	b) Fibrous
18.	a) Petiolate
19.	a) Anatomy
20.	a) Parenchyma
21.	c) Four - 4
22.	a) Anatepous
23.	c) <u>Kigelia</u>
24.	d) Embryo sac
25.	a) Monocots
26.	d) Two male gametes - 1 fusion with egg & other with pollen nuclei

27.	c) - stems
28.	b) Anther
29.	b) Syngamy
30.	d) Pistil
31.	c) Water
32.	b) Xylem
33.	b) Pressure Flow model
34.	c) Stomata
35.	b) Wind
36.	c) Potassium
37.	d) Calcium
38.	a) Fertiliser Appl ⁿ
39.	b) External factor causing physiological change
40.	c) Plant defense
41.	c) Seed coating
42.	c) Totipotency
43.	b) High auxin & low cytokinin
44.	c) Prevent microbial contamination
45.	b) Natural seed development
46.	c) Storage & transport of somatic embryos
47.	d) Type of fertiliser used in soil
48.	d) Grafting
49.	c) Plant nuclear genome
50.	c) contains foreign gene integrated into its genome
51.	c) Homology
52.	b) Dry land farming
53.	b) Auxin

54.	b) Cultivation in water without soil.	81.	b) Range of variations in plant species & habitat.
55.	b) Cut flower	82.	c) Moral responsibility to conserve
56.	c) mites	83.	c) <u>In situ</u>
57.	c) Inhibiting microbial growth	84.	c) Documentat ⁿ of plant species
58.	d) Pruning	85.	c) conserve & use biodiversity sustainably
59.	b) Intellectual Property Rights	86.	b) infertility & urinary disorders
60.	c) Ministry of Agriculture	87.	b) Biofuel & skin ailments
61.	c) Polysaccharide	88.	c) document traditional plant knowledge
62.	b) Glucose	89.	c) <u>Astilma annua</u>
63.	b) presence of double bonds	90.	c) Preserving knowledge & plant habitats
64.	c) phospholipid.	91.	c) Development of improved plant varieties.
65.	a) Oral & poster presentation	92.	c) Hybridisation
66.	b) Camera Lucida	93.	c) Asexually propagated crops
67.	c) Micrometer	94.	c) Area for mutation breeding using radiation
68.	b) Plagiarism	95.	c) Hybrid seed production
69.	c) Book & journal review	96.	b) BLAST
70.	c) Fossil fuels	97.	b) Biological data bases & genome data.
71.	c) Balanced use without depletion.	98.	a) Protein structural models
72.	c) Gums & resins	99.	b) Histogram
73.	b) Geographical data analysis	100.	c) Arithmetic mean
74.	c) Climate change mitigation		
75.	b) morphological characteristics		
76.	b) <u>Stem</u>		
77.	c) <u>Trimespora cordifolia</u>		
78.	b) Intentional or unintentional mixing with inferior material.		
79.	b) <u>Sapindus laurifolius</u>		
80.	a) <u>Rosa indica</u>		