

Marking scheme sample IX

**General Instructions:**

- All questions carry equal marks. i.e **0.80** marks for each question.
- There is no negative marking

Ans.No.	Correct response
<b>Section A</b>	
1.	B. carbon dioxide ; water
2.	D. both A and C
3.	$<10^{-9}\text{m}$
4.	C. burning of magnesium ribbon.
5.	D. both A and B
6.	D. i, ii and iii
7.	A. deoxyribonucleic acid
8.	A. i and ii
9.	B. Robert Hook
10.	A. osmosis
11.	D. both A and B
12.	D. xylem parenchyma
13.	B. Parenchyma: generally stores food.
14.	D sclerenchyma tissue
15.	D. I= lateral meristem; II= intercalary meristem ; III= apical meristem
16.	D. m/s
17.	C. only (i)
18.	D. a bus moving with a constant velocity.
19.	B. Car D is the faster than all
20.	Graph C
21.	A. Mass
22.	B. newton (N)
23.	C. Newton's third law of motion.
24.	C. force
<b>Section B</b>	
25.	D. P=IV ;Q=II ;R=III; S=I.
26.	B. solid and liquid
27.	A. K=ii; L=iii; M=i; N=iv
28.	B. ii, and iii
29.	B- Chromoplasts -keep the cell clean
30.	A. Mitosis
31.	A. Both A and R are true and R is the correct explanation of A
32.	A. Both A and R are true and R is the correct explanation of A
33.	C. A is true but R is false
34.	A. Both A and R are true and R is the correct explanation of A

35.	A. Both A and R are true and R is the correct explanation of A
36.	A. hypotonic solution
37.	C. X=II ; Z=I ; Y=III
38.	D. synapse
39.	D. A compound is heterogeneous in nature.
40.	C. striated muscle
41.	B. Squamous epithelium
42.	C. membrane bound organelle
43.	B. i and iii
44.	B. gene
45.	C. P= III;Q=I;R=II;S=IV
46.	D. lysosomes
47.	A. X
48.	C. -10N
<b>SECTION -C</b>	
49.	C. dispersed phase
50.	A. Solution of solid and liquid
51.	A. Amount of solute present per unit volume.
52.	C.12.5%
53.	B. vector quantity
54.	A. accelerated motion
55.	B. along a straight line tangent to the circular path
56.	C. direction of motion is changing continuously
57.	B. WBCs
58.	A. blood coagulation
59.	A. RBCs
60.	D. both A and B

**Answers of alternative questions in lieu of picture based question for VI candidates.**

Answer No	Correct option
Section-A	
13	A. i and iii.
15	A. apical meristem
19	B. Car C is the faster than all
20	B. line parallel to x-axis
Section -B	
36	C. isotonic solution
37	C. X=II ; Z=I ; Y=III
48	C. -10N
Section -C	
53	B. vector quantity
54	A. accelerated motion
55	B. along a straight line tangent to the circular path
56	C. direction of motion is changing continuously