

INDIAN SCHOOL MUSCAT
HALF YEARLY EXAMINATION

SET B

SEPTEMBER 2019

CLASS X

Marking Scheme – SUBJECT[TITLE][THEORY]

Q.NO.	Answers	Marks (with split up)
9.	a) Xylem (1)	1
10.	b) Liver(1)	1
11.	Stomata ,Guard cells ($1/2+1/2$) = 1	1
12.	Nuclear division ,Cytoplasmic division (1) or any	1
13.	Junction between two neuron (1)	1
14.	A	1
27.	a) Transport of soluble product of photosynthesis through phloem (1) b) Explanation of the process (2) OR Explanation of transport of water through xylem (3)	3
28.	Male – Stamen ($1/2$) Female – Pistil ($1/2$) Stamen –Anther ,Filament (1) Pistil- Stigma ,style , Ovary (1)	3
29.	a) Lactic Acid (1) Accumulation of lactic acid cause muscle cramp(1) b) Gastric gland –Produce Pepsin – Protein digestion ($1/2+1/2$) = 1	3
30.	i) P- Pancreas H- Insulin ii) Diabetes iii) No sugar consumption	3
35.	Diagram reflex arc (2) explanation (1) Define reflex action (1) example (1) OR a) Human excretory system with five labeling (3) b) Store urine(1) Ureter carry urine from kidney to bladder(1)	5
36.	a) Alveoli- Gas exchange b) Larynx –produce sound	5

	c) Trachea –Carry air down d) Epiglottis – Prevent entry of food into trachea (1/2 X 4) b- i) No filtration of air (1) ii) Easy exchange of gases (1) iii) Air passage kept opening (1)	
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