Methodist Girls' School (Primary) P6 Mid-Year Examination 2021

No	Answet
1	2
2	2
3	2
5 6	4
5	. 4
6	3
7	1
8	4
8 9	1
10	4

No	Answer
11	1
12	. 1
13	3
14	3
15	. 4
16	4
17	3
18	2 .
19	3
20	4

No	Answer
21	4
22	3
23	4
24	2
25	1 .
26	4
27	2
28	4

Qn	Answer
29a	G: Carbon dioxide
	H: Oxygen
29b	It decreases the rate of gaseous exchange.
29c	Mr Ang. His average heart rate is higher which shows that his heart has to pump faster to transport the more oxygen in the blood to all parts of the body.
30a	The greater the number of pieces the cookie was broken into, the faster the rate of
	digestion because there was a greater surface area of the cookie in contact with the
	digestive juices.
30b	The dentures help to chew / break down food into smaller pieces to increase the rate of
	digestion of food.
31a	Pollination and fertilization.
31b	Ovule
31c	in
	The fruit is eaten and the undigested seed is passed out as waste by the animal.
31d	The parent plant will pass down the (genetic) information / material / genes to the young
	plant. I ^m
32a	Oxygen
32b	Yellow light. The greatest amount of oxygen / gas was collected.
32c	Distance of the spotlight/light source from the hydrilla / beaker.
32d	The water snails gave out carbon dioxide. The increased amount of carbon dioxide
	caused the hydrilla to photosynthesize faster and produce more oxygen.
33a	Tank C acts as a control set-up to compare and confirm that any change in amount of
	oxygen dissolved in water is due to the number of fishes only.
33b	The population of the aquatic plants will decrease. As organism Z cover the walls of the
	tank and water surface, less/no light can reach the aquatic plants. These plants cannot
	make food and will die.
34a	$Q \rightarrow P \rightarrow_{\mathcal{F}} T \rightarrow S$
	N R
34b	Population size of organism R will decrease. With less light in December, organism Q
	makes less food and population of Q will decrease, so there is less food for R to eat.

