MULTIPLE CHOICE QUESTIONS

1	2	6	2	11	3	16	3	21	2	26	1
2	3	7	2	12	4	17	3	22	3	27	3
3	1	8	2	13	3	18	1	23	3	28	3
4	4	9	4	14	3	19	1	24	4		
5	3	10	2	15	1	20	4	25	4		

OPEN-ENDED QUESTIONS







TheP

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 Root cell B has an elongated protrusion, which increases the amount of exposed surface area of the roots in contact with the soil, allowing root cell B to absorb water and mineral salts from the soil faster. Chloroplast Dispersing their fruits far away from the parent plant reduce overcrowding and competition between the parent plant and the seedlings for water, space, mineral salts and sunlight, ensuring the healthier growth of the seedlings. Cada Choose: Flower X. Use Data: The anthers of Flower X are dangling outside the flower and the stigmas are feathery. Explain Data: The anthers dangle outside the flower so that the wind can carry pollen grains away easily. The stigmas are feathery to trap pollen grains in the air easily for pollination to take place. Flowers X and Y are not from the same species. Thus, fertilisation will not be able to occur. Cada Steel. Fruit F ruit F a flower Step 1: When steel, a conductor of electricity, is used to make the target area. Step 2: there will be a closed circuit with the target area and the bulb. Step 4: allowing the bulb to light up. *Accept any material (solid) that is a conductor of electricity. 		
B to absorb water and mineral salts from the soil faster. Chloroplast The longer the length of the wing like structure, the longer fruit Z can stay in the air. Dispersing their fruits far away from the parent plant reduce overcrowding and competition between the parent plant and the seedlings for water, space, mineral salts and sunlight, ensuring the healthier growth of the seedlings. O36a Choose: Flower X. Use Data: The anthers of Flower X are dangling outside the flower and the sigmas are feathery. Explain Data: The anthers of Flower X are dangling outside the flower and the sigmas are feathery. Explain Data: The anthers of pollination to take place. Flowers X and Y are not from the same species. Thus, fertilisation will not be able to occur. O37a Reproductive system of a flower F F F G38a Steel. Step 1: When steel, a conductor of electricity, is used to make the target area, Step 2: there will be a closed circuit with the target area and the bulb. Step 3: Thus, electric current can then flow through the target area and the bulb, Step 4: allowing the bulb to light up. *Accept any material (solid) that is a conductor of electricity.	C	Root cell B has an elongated protrusion, which increases the amount of exposed surface area of the roots in contact with the soil, allowing root cell
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ght 2013 - 2019: The Pique Lab Learning Centre. All rights reserved.		*Accept any material (solid) that is a conductor of electricity.
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2018 P5 SA2 SCIENCE - ANGLO-CHINESE SCHOOL (PRIMARY) - ANSWER BOOKLET

	b	Step 1: When the player's weapon strikes the middle of the target board.					
		Step 2: there is a closed circuit with the bulb.					
		Step 3: Thus, electric current is able to flow through the circuit.					
		Step 4: allowing the bulb to light up.					
Р	Q39a	Choose: Shirt A.					
		Use Data: Shirt A was not folded.					
		Explain Data: Shirt A has the largest exposed surface area in contact with					
		the surrounding air. Thus, the water in shirt A will gain heat the fastest from					
		the surrounding air to evaporate the fastest, allowing it to take the shortest					
		time to dry completely.					
V	b	 Place the shirts in an open area where the temperature is higher than 25°C. Place the shirts in front of a fan 					
	-	Evaporation of water occurs at any temperature below 100° C but beling of					
	L	Evaporation of water occurs at any temperature below 100 C but boiling of water only occurs at boiling point $(100^{\circ}C)$					
	0402	When the ice is melting from 0 to 4^{th} minute, the temperature of the					
	Q +00	melting ice should stay constant at 0° C instead of increasing					
	b	There is a change in state from liquid to gas.					
	Ċ	The heat source has been turned off.					
		Ice was added to the boiling water.					
	Q41a	The container needs to be air-tight to prevent water vapour in the					
		container from escaping into the surrounding air.					
	b	The water in the moist soil gained heat from the surrounding air to					
		evaporate to form water vapour. Water is also lost through the stomata of					
	I	the leaves as water vapour in the process of transpiration. The warmer					
		water vapour then rises and comes into contact with the cooler inner					
		surface of the clear glass bottle, loses heat to it and condenses to form tiny					
		water droplets. The water droplets fall back to the soil, allowing the soil to					
		stay moist and the cycle repeats itself.					

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