

Date: 25/03/2022 GRADE: VI CPE - 04 (2021-22) SCIENCE

Max marks: 40 Time: 2 Hours

Qn. No	Section A				
1.	Sunflower oil is used by people all over the world. Which part of the plant is used to extract the oil?A. FlowerB. stemB. LeafD. seed				
2.	Ganesh wants to make Dal for his friends, but he does not know the ingredients that are used to make Dal. Help Ganesh to select correct set of ingredients from the following. A. Pulses, spices, ghee, water C. Rice, pulses, ghee, water B. Pulses, Maida, spices, water C. Rice, pulses, ghee, water B. Pulses, Maida, spices, spices	1			
3.	We cannot see clearly through butter paper Objects which allowlight to pass through them partially, are calledA. transparentC. translucentB. opaqueD. all of these	y people all over the world. Which part of the the oil? 1 B. stem 1 D. seed 1 ake Dal for his friends, but he does not know are used to make Dal. Help Ganesh to select lients from the following. 1 sr, ghee, B. Pulses, Maida, spices, water 1 ghee, D. Pulses, ghee, sugar, spices 1 dy through butter paper Objects which allow in them partially, are called 1 1 C. translucent D. all of these 1 etup of the reflection and shadow formation. 1 1 lby the observation? 1 1 light is blocked by an object, whereas of light. 1 1 not blight passes through an object, whereas of light en the light is blocked by an object, whereas of light 1			
4	The image shows the setup of the reflection and shadow formation. What can be concluded by the observation? A. Shadow forms when light is blocked by an object, whereas reflection is bouncing of light. B. Shadow forms when light passes through an object, whereas reflection is absorption of light C. A shadow forms when the light is blocked by an object, whereas reflection is absorption of light D. A shadow forms when the light passes through an object, whereas reflection is absorption of light				

	The image shows a pinhole camera.	
5.	Where does the image of the object in the pinhole camera form? A. at the pinhole B. at the translucent screen C. on the inner surface of the inner box	1
6.	 D. on the upper surface of the outer box The landscape of region X was mostly covered with concrete, which was later modified to have more trees and plants. What would be the effect of modification of the landscape on the groundwater level of region X? A. The groundwater level would increase. B. The groundwater level would decrease. C. The groundwater level would remain the same. D. The groundwater level would first increase and then decrease. 	1
7	A stone, a small piece of wood and a metallic coin of the same weight were dropped in a bucket of water. Which of these would sink or float? A. The stone would sink, while the wood and coin would float B. The wood and stone would sink, while the coin would float C. The stone and coin would sink, while wood would float D. The stone, coin and wood, would all sink down.	1
8.	The substance which dissolves in water and disappear. A. Soluble C. mixture B. Insoluble D. none of the above	1
9.	 Here are some ingredients used by a baker to make a cake. (Flour, Egg, Milk, Chocolate, Cream, sugar) How many of these ingredients are animal-based products? A. 3 B. 2 C. 4 D. 1 	1
10	 A student collected spoons made of plastic, metal, ceramic and wood. She then noted down conditions under which each of these would be ineffective. Which of the following observations should be in her notes? A. Wooden spoon will let liquids pass through it B. Metallic spoon can easily bend on applying pressure C. Plastic spoon could deform in high temperature liquids D. Ceramic spoon can withstand breaking if dropped on the floor. 	1

11	An electric cell does not produce electricity when A. when chemical energy inside get completely used up B. the terminals are not connected properly C. both of the above D. none of the above.	1			
12	 Which of these would most likely happen if it rains heavily for a long period? A. Crops would get damaged B. Fishes would increase in number C. Water level in rivers would go down D. Organisms present in soil would grow faster. 				
13	From the given list, which objects could be made of both plastic and metal?A. Tooth brushC. booksB. BucketD. saree	1			
14	A student collected a sample of soil with dried twigs, small pebbles and dead leaves. He then added a few scoops of the sample into a beaker filled with water and stirred vigorously. He left the beaker undisturbed and observed it after 2 hours. Which of the following would be a correct observation? A. Soil dissolves in water and makes it muddy. B. Dried twigs sink to the bottom of the beaker. C. Soil and pebbles settle at the bottom of the beaker. D. Dead leaves and pebbles remain afloat in the water.	1			
15	Which of these materials can be used to make a switch for an electric circuit?A. EraserC. paper clipB. PencilD. straw	1			
16	 Which is the most appropriate method of rainwater harvesting at household level? A. Cover the roof with grass C. construct drains directed to rivers B. Dig open pits in lawn area D. connect rooftop with pipes to a pit in the ground 	1			
17	to a pit in the ground.Electric wires have a plastic or rubber around them toA. Ensure safe transfer of electricityB. It reduces the wastage of electricity.C. It enables the flow of electricity to a longer distabnceD. None of the above.				
18	D. None of the above. Which of these would most likely to happen if ground water is overused? A. supply of water to rivers connected to ground water would decrease B. only wells would be able to supply water. C. Sea level would rise. D. Only salt water would be available for use.				
19	The table shows some animals grouped in group A and group B based on the type of food that they eat.	1			

	Group A	Lion	Tiger	Eagle			
	Group B	Dog	Mice	human			
	group A and gro A. Group A-Cat; B. Group A-Sna C. Group A-Dee	up B? Group B-Mon ke; Group B- r; Group B-El	ikey Pigs ephant	it can be included in			
20	 D. Group A-Crocodile; Group B-Wolf A spoonful each, of sawdust, powdered sugar and salt were added to a glass containing water. Which of the following can be observed? A. Salt and sawdust are soluble in water, but sugar is insoluble B. Salt and sugar are soluble in water, but sawdust is insoluble C. Sugar and sawdust are soluble in water, but salt is insoluble D. Sugar, sawdust and salt are all soluble in water 						
	SECT	ION B VERY	SHORT ANSW	ER QUESTIONS			
21	Name five plant and their parts that we eat.						
22	What are soluble and insoluble substances? Give examples.						
23	Why do electricians wear plastic gloves while repairing the switch board?						
24	What is rainwater harvesting?						
25	What are luminous objects? Give examples.						
26	Write two examples of scavengers and decomposers.						
27	What is reflection of light? Name a metal which reflects light.						
	SEC		ORT ANSWER Q	UESTIONS			
28	A) How is cloud formed?B) Draw a neat and labelled diagram of a water cycle.						
29	A) What is an electric circuit?B) Draw a neat diagram of a circuit showing switch off and switch on.						