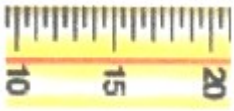
KENDRIYA VIDYALAYA, RAIPUR REGION
SESSION ENDING EXAM (2024-25)
MARKING SCHEME
CLASS-VI **SUBJECT-SCIENCE** **MM-60**

	SECTION A	
	I – MULTIPLE CHOICE QUESTION CARRYING 1 MARK EACH.	
1	(c) Aluminum foil	1
2	(a) transparent, opaque	1
3	(d) 98.6 °F	1
4	(b) Student 2	1
5	(c) The formation of clouds from tiny water droplets.	1
6	(b) It boils and turns into steam	1
7	(c) Cream from milk	1
8	(d)Weight	1
9	(a) Filtration	1
10	(c) They do not grow or reproduce	1
11	(d) Adult	1
12	(b) Petrol	1
13	(b) Water	1
14	(c) Pluto	1
15	(c) 27	1
	SECTION -B SHORT TYPE ANSWER QUESTIONS CARRYING 2 MARK EACH	
16	0.5 +0.5 + 0.5 + 0.5 (any one example for each) (a) Aluminium , copper, gold (b) Sponge . gas (c) Rock salt. alum (d) air	2
17	½ + 1½ marks Name -Infrared (IR) thermometers Non-contact thermometers -Such thermometers can measure temperature without touching a person's body and thus reduce the risk of spreading disease -	2
18	(i) Decantation and sedimentation- 0.5 + 0.5m (ii)Because both fruits have different size -1m	2
19	Expected observations (1m+1m) • Shoot: Growth upwards, towards the light source. • Root: Growth downwards, into the soil for stability and nutrient absorption.	2
20	0.5 +0.5 + 0.5 + 0.5 For each correct matching (i) Satellite of Earth-(d) Moon	2

	(ii) Red planet-(c) Mars (iii) Constellation -(a) Orion (iv) Planet which is commonly called an evening star-(b) Venus	
	SECTION -C SHORT TYPE ANSWER QUESTIONS CARRYING 3 MARK EACH	
21	-The circulation of water between the Earth surface and atmosphere is known as the water cycle- 1m -For correct labeling- A-Evaporation, B-Transpiration , C-Condensation , D-Precipitation -0.5 +0.5 + 0.5 + 0.5	3
22	1m +2m Tara and Vijay are likely trying to understand how the orientation of a seed affects the growth direction of the shoot and the root -1m Observation: If the shoot always grows upwards (towards the light) and the root always grows downwards (into the soil), regardless of how the seed is placed, this shows that plants have natural mechanisms (like phototropism and gravitropism) that guide their growth direction.- 2m	3
23	(i) Solar energy 1(m) (ii) Benefit: Solar energy is a renewable and clean source of energy. (1m) (iii)Drawback: Dependence on Weather -1m OR Any three (1m+1m+1m) List of actions to be taken (i) Encourage neighbours to grow plants in their gardens. (ii) Collaborate with local schools to create green initiatives. (iii) Advocate for the protection of existing trees and green spaces. (iv) Participate in community tree planting drives. (v) Plant trees in local parks and open spaces.	3
24	1m+1m+1m (i) Sun (ii) Sirius (iii)A constellation is a group of stars that form a recognizable pattern in the sky.	3
	SECTION - D LONG TYPE ANSWER QUESTIONS CARRYING 5 MARK EACH	
25	(i) food waste - plastic container, stainless steel - 0.5m (ii) broken glass – Cardboard box- 0.5m Properties of materials: Food waste- should not react with food, leak proof Broken glass- hard (0.5+0.5) (i)Any object which is heavier or lighter can be measured in terms of a property called mass. The space occupied by matter represents its volume.	

	(1m+1m) (ii) Mass is measured in units of gram (g) and kilogram (kg) The units to measure volume are litre (L), millilitre (mL) (0.5+0.5)	
26	1m +1m+1m +2m for correct diagram (i)laboratory thermometer (ii) The reading of the thermometer is 26 °C. (iii) it can measure the smallest value of – 10°C. (iv) 	
27	1m +1m+1m We perform various activities where process of evaporation help us. (i) -We dry our clothes on a sunny and windy environment. -We can smell the food being cooked even without entering the kitchen. -Washed utensils dry up after some time. (ii)It converts into steam. (1m) (iii) dew drops on the plants in the morning. (1m)	
28	1m +1m+1m +1m (i) Magnetic separation (ii) Nickel, iron , cobalt (iii) Due to strong magnetic force (iv) To remove iron materials from heap of garbage	
29	1m +1m+1m +1m (i) egg, larva, pupa and adult (ii) After hatching from the egg, the larva (caterpillar) grows in size and secretes a thread-like material, which it uses to wrap around itself and form a protective cocoon. (iii) softness, shine, and smooth texture (iv) Supportthe silk industry and promoting local employment in rural areas.	