

10. (a) picture indicates water cycle 2 M

(b) The sun heats the water present in seas, oceans, rivers, ponds, etc. 8 M

(2) water converts to water vapour called as evaporation. 6 x 1 = 6 M

(3) the water vapour rises up into the atmosphere.

(*) the air becomes cool when water vapour reaches higher levels

(5) It condenses due to contact with cool air and forms water droplets

(6) These tiny droplets remain floating in air appears as clouds (or)

(b) According to the student choice - the process of food preparation. 8 M

Ingredients - 4 M

preparation of food - 4 M

11. (a) materials: Bar magnet, thread, stand.

(b) precautions :-

→ the thread should not be bar

• the magnet should not be move with hand

→ should have to take care the flow of air.

(c) North and south directions

(d) compass. (or)

(b) Experiment to prove the Condensation

Aim! - prove that water vapour converts as water

Apparatus! - Glass, pieces of ice

Procedure! - take half glass of water and add the ice pieces.

Aim - 1 M

Apparatus - 1 M

procedure - 4 M

observation - 1 M

conclusion - 1 M

Q. No.

Answer

Evaluation

Total marks

4. E would obey to harsha
1. Every process in nature is beautiful.
 2. the clouds are forming through water cycle.
 3. water from rainfall fills the streams, rivers, ec. oceans.
 4. All the living being lead a systematic life style through utilizing the water properly.
- Oh! what a wonder it is!

Appreciate with any two reasons got

$2 \times 1 = 2$

2 M

SECTION - II

5. If condensation not occurred in water cycle following changes can be taken place:

1. Condensation means ~~water~~ conversion of water vapour into water.
2. If condensation not occur the clouds should not be convert as rain.
3. water vapour should increase in nature
4. If water cycle stops, water shortage taken place
5. In nature water availability become imbalance.

any four points

$4 \times 1 = 4$

4 M

(a) lizard use Tongue for catch food.

→ 2 marks

4 M

(b) cow eat only grass & plants, so it is a herbivore

→ 2 marks

Question No.	Answer	Evaluation	Total marks
7.	<p>magnets in daily life :-</p> <ol style="list-style-type: none"> used as compass to find the directions mostly in ships, airplanes, mountaineers and army people. used in moving toys. used in Radio, telephone, television, speakers and so on. separating the magnetic materials from waste products or may be from garbage. 	<p>Any four get 4x1 = 4</p>	4M
8.	<p>Carnivores live in forest because of -</p> <ol style="list-style-type: none"> All the animals get food from forest. Herbivores get plenty of food from and shelter from forest. Carnivores eat herbivores so, the carnivores can live in forests. 	<p>4x1 = 4</p>	4M
9.	<p>(1) According to the geographical and climatic conditions our farmers grow various types of food crops</p> <p>(2) In Andrapradesh is more suitable for growing rice but in Rajasthan more suitable for growing wheat.</p> <p>(3) so, we eat rice products like dosa, Idly...</p> <p>(4) In Rajasthan they eat wheat products like, chapati, puri...</p>	<p>4x1 = 4</p>	4M

B 13

- (a)
- (A) Attract — Like poles attract 2M
- (B) Repel — unlike poles Repel 2M
- (C) Attract — Like poles attract 2M
- (D) Repel — unlike poles Repel 2M
- Like poles — N-S, S-N
- Unlike poles — S-S, N-N

8M

(b)



diagram of pond - 4M

plants identify - 2M

animals identify - 2M

8M

PART - B

20 x 1 = 20

14. C
15. B
16. C
17. A
18. B
19. A
20. D
21. D
22. D
23. A
24. D
25. B
26. C
27. D
28. D
29. C
30. B
31. D
32. B
33. C

The cold water in the glass cools its surface

Due to the cold glass, air close to its surface will also become cooler and forms small drops on the outer surface of glass.

Observation: - outer surface of the glass having small droplets.

Conclusion: - the water vapour present in the air condense and changed as water.

12. (a) (1) Herbivores : Deer. 2M
 (2) Carnivores : Rat, cat, lion, fox, dog, tiger, wolf. 2M
 (3) Omnivores : Man, hen. 8M

(3) Grass ← Worms ← Hen ← Dog ← wolf ← Lion. 2M

(A) plants should be increased, no food for carnivores, The food chain should be disturbed. 2M

(b)

Sl. No.	Material	objects
1.	Metal	Sickle, vessels.
2.	plastic	Basket, box, scale, mugs
3.	glass	Jug, paperweight, mirror, Spectacles.
4.	wood	door, Table, chair, scale
5.	cotton	Towels, clothes, curtains, pillows, Beds.
6.	leather	shoes, purses, Belts, hand bags.
7.	Ceramic	plates, cups, flower vase.
8.	Rock	Idols, Rock bricks, Rock grinder.

for each material should have to write two objects

$8 \times 1 = 8M$

8M