



School Level Examination
SLE 2022

GRADE
4

SCIENCE

Subject Code:

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Total Questions: 30

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** answer among the four possible options. On your **ANSWER SHEET** fill in the circle that matches your answer.
- Marks are **NOT** deducted for incorrect answers.
- Return the **ANSWER SHEET** to the invigilator at the end of the examination.
- You are **NOT** allowed to use a calculator. You may use a ruler and spare paper for rough work.

SCIENCE

Section A (Logical Reasoning)

(This section contains 5 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

1. Following table shows TVs manufactured by two companies in 3 months.

Month	Company P	Company Q
January	225	250
February	245	250
March	350	400

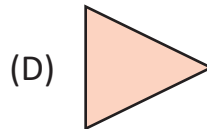
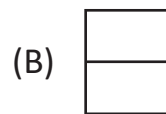
Which of the following statements is true?

- (A) In January and March, Company P manufactured more TVs than Company Q.
 (B) In the first two months, Company P manufactured fewer TVs than Company Q.
 (C) In the months of February and March, Company P manufactured more TVs than Company Q.
 (D) In all the 3 months, Company P manufactured more TVs than Company Q.
2. There was a magical number written on a piece of paper, hidden in a box. Chirag had to figure out what that number was. He was given the following clues:
- (i) The magical number is even.
 (ii) The magical number, MULTIPLIED by itself, has the same result as the magic number ADDED to itself.

What is the magical number?

- (A) 1 (B) 2
 (C) 4 (D) None of these
3. The sentence given below has a name of a snack hidden in it. Find it.
 Mummy has kept a bowl of macar onion on the dining table.
- (A) Beans (B) Macaroni
 (C) Onion (D) Tomato

4. Find the odd one out.



5. What fits in the blank in the following sequence?

Day, __?__, Month, Year

(A) Hour

(B) Fortnight

(C) Decade

(D) Century

Section B (Subject Specific)

(This section contains 25 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

6. The food we eat goes to the STOMACH.

The food is changed into simpler substances. This process is known as _____ .

(A) Respiration

(B) Excretion

(C) Digestion

(D) None of these

7. What do you deduce from these statements?

Statement 1: Excess fat is stored in the body for future use.

Statement 2: Overeating stores fat and makes us obese and unhealthy.

(A) Both statements are true and we should not consume excessive amount of fat.

(B) Both statements are false.

(C) Statement 1 is only true.

(D) Statement 2 is false.

8. The term that is associated with cleanliness of your body, food, materials used and surroundings is _____ .

(A) health

(B) hygiene

(C) disease

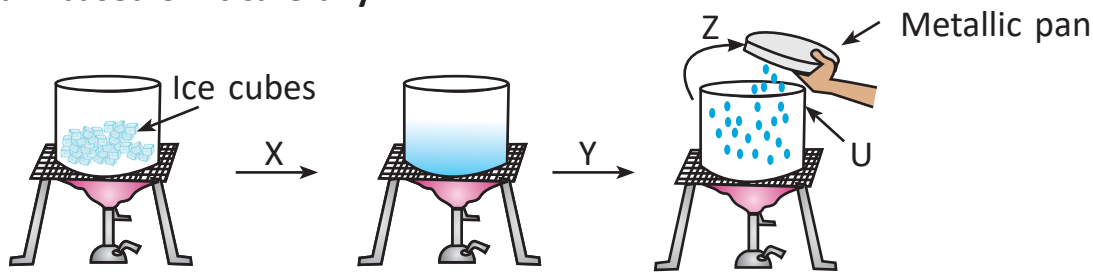
(D) ailment

9. A material “M” is obtained from the plant given below. In which Indian season is the cloth made from “M” suitable to be worn?

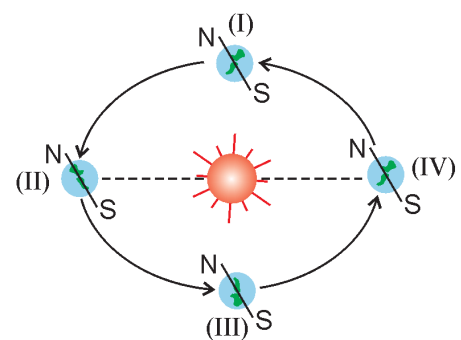


- (A) Spring (B) Summer
(C) Winter (D) Monsoon
10. Plants can be identified by their _____ .
(A) leaves, flowers and fruits (B) stem and roots
(C) colour and smell (D) None of these
11. A small creature lives in water and is mistaken to be a small fish. But it is in the growing stage of frog. Name the organism.
(A) Fantail filefish (B) Tadpole
(C) Egg (D) Pupa
12. Complete the box.
- | | | | | |
|---|---|--------------------|---|--|
| Sunlight, rain, wind, soil,
water, temperature | + | Plants,
animals | → | |
|---|---|--------------------|---|--|
- (A) Living world (B) Earth
(C) Ecosystem (D) Land
13. Name the soil that is identified by its large-sized particles.
(A) Sand (B) Gravel
(C) Clay (D) Soil

Direction for Q14 to 16: Rhea was performing the following experiment. Observe the given diagram based on it carefully.

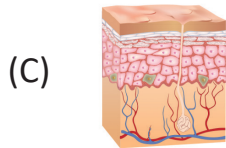


14. The experiment that Rhea wants to demonstrate is _____ .
- (A) evaporation
(B) condensation
(C) change of states of matter by using ice cubes
(D) heating
15. In the above experiment, choose the alphabet that depicts condensation.
- (A) U (B) Z
(C) Y (D) X
16. The reason to hold a metallic pan over the beaker is to _____ .
- (A) cool the steam (water vapour) to form liquid (water drops)
(B) stop steam from escaping
(C) not allow the water to evaporate
(D) avoid the heat
17. The correct sequence of water cycle is _____ .
- (A) evaporation, Condensation, Precipitation
(B) evaporation, Precipitation, Condensation
(C) precipitation, Evaporation, Condensation
(D) condensation, Evaporation, Precipitation
18. Choose the correct option represented by I, II, III and IV.
- (A) I–Autumn, II–Winter, III–Spring, IV–Summer
(B) I–Spring, II–Summer, III–Autumn, IV–Winter
(C) I–Summer, II–Winter, III–Autumn, IV–Spring
(D) All of the above



19. Which one of the following statements is INCORRECT?
- (A) Human beings cannot survive without plants and animals, and plants and animals cannot survive without human beings.
 - (B) Deforestation or cutting of trees also decreases the population of birds and animals.
 - (C) Atmospheric air is continuously purified by trees and plants.
 - (D) Plants and trees also increase the wealth of a country.

20. Which of the following bony parts covers the Chest?



(D) None of these

21. The below given terms can be grouped as _____ .

Sugar, Starch, Cellulose

- (A) fats
 - (B) proteins
 - (C) nutrients
 - (D) carbohydrates
22. Which of the following is GOOD for health?
- (A) Chapati
 - (B) Butter milk
 - (C) Curd
 - (D) All of these

23. A material 'W' is obtained from the animal given below. In which Indian season is the cloth made of 'W' suitable to be worn?

- (A) Winter
- (B) Monsoon
- (C) Spring
- (D) Summer

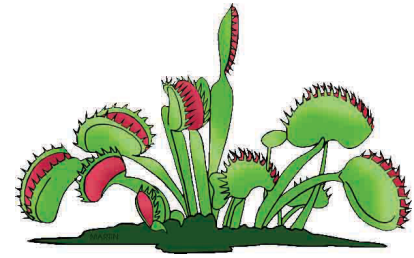


24. Roots of which of the following are edible?

- (A) Carrot
- (B) Beetroot
- (C) Radish
- (D) All of these

25. Which option correctly explains the given picture?

- (A) It is a terrestrial plant.
- (B) It is an aquatic plant with a wing.
- (C) It is a plant called Venus flytrap and it feeds on insects.
- (D) It is a plant and shows beautiful structure.



26. If you want to add sugar in mango juice to sweeten it, then the step you must not follow:

- (A) Add sugar and stir it with a spoon till the sugar dissolves in the juice.
- (B) Add sugar and keep it on one side.
- (C) Add sugar to juice and let it boil for a minute.
- (D) Add sugar to juice and pour it into another container 4-5 times.

27. _____ (Water/Air) is all around us. We can see it. Still water is called _____ (slack-tide/running water). Gently moving water flow is called _____ (streamflow/rapid). Fast moving flow of water is called _____ (stream flow/rapid).

- (A) Rapid, water, slack-tide, streamflow
- (B) Slack-tide, streamflow, water, rapid
- (C) Water, slack-tide, streamflow, rapid
- (D) Water, streamflow, rapid, slack-tide

28. Given below are factors that help in cloud formation. One factor is not appropriate for this group. Which is it?

Surface heating, Mountains and Terrains, Air Masses, Weather Fronts

- (A) Air Masses
- (B) Surface heating
- (C) Weather Fronts
- (D) None of these

29. Which of the following is the largest satellite in our Solar System?

- (A) Deimos
- (B) Moon
- (C) Ganymede
- (D) Luna

30. In which of the following are we using the pushing force?

- (A) Drawing water from the well
- (B) While pressing a button to switch on the fan
- (C) While opening a drawer
- (D) Removing thumb pins from the board

