



# SCIENCE

## Grade 4

National Level Examination  
NLE 2025

Subject Code: 

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Total Questions: 30

Total Marks: 30

Time: 1 hour

### DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

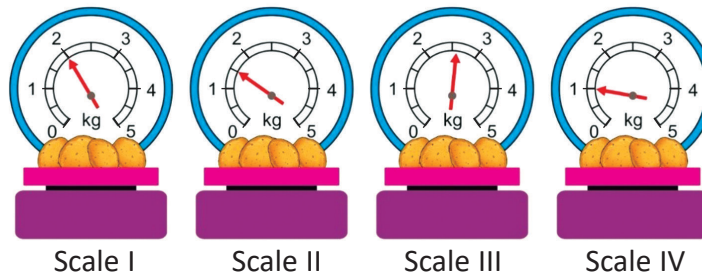
- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer, darken the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 MULTIPLE CHOICE QUESTIONS**. Each question carries one mark. Use the information provided to choose the **BEST** possible answer among the four options. On your **ANSWER SHEET** darken the circle that matches your answer.
- **$\frac{1}{2}$  MARK** will be deducted for every **WRONG ANSWER**.
- 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.



This question paper contains a total of 30 questions divided into three sections—A, B, and C. Read the instructions carefully before attempting these questions.

### Section A (Logical Reasoning)

1. Rahim took four potatoes. Each potato weighed 375 grams. Which of the following scales is correctly showing the mass of all potatoes together?



- (A) Scale I  
(B) Scale II  
(C) Scale III  
(D) Scale IV
2. If the 10<sup>th</sup> of the month falls two days preceding Sunday, on what day 2<sup>nd</sup> of the month fall?
- (A) Tuesday  
(B) Friday  
(C) Wednesday  
(D) Thursday
3. Complete the given pattern.  
 $30 \div 3 \times 4 - 2 + 4 = \underline{\hspace{2cm}}$
- (A) 40  
(B) 42  
(C) 44  
(D) 45
4. Of the following words, which one will come first in the dictionary?
- (A) Aback  
(B) Abacus  
(C) Abash  
(D) Abandon
5. At a carnival, there are 40 vehicles. The total number of wheels is 100. Some vehicles are cars, and others are motorcycles. How many cars and how many motorcycles are there?
- (A) 30 cars and 10 motorcycles  
(B) 25 cars and 15 motorcycles  
(C) 20 cars and 20 motorcycles  
(D) 10 cars and 30 motorcycles

### Section B (Subject Specific)

6. Select the plant group with a root system similar to the given figure.

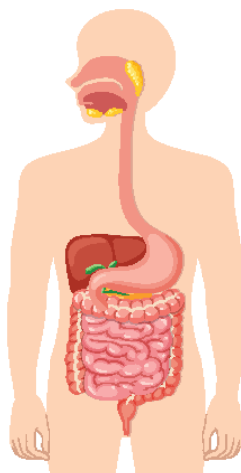
- (A) Grass, Coconut, Onion  
(B) Onion, Carrot, Radish  
(C) Turnip, Coconut, Onion  
(D) Beetroot, Turnip, Carrot



7. It is a hot summer day, and Janvi notices that the air feels sticky and humid. What is happening in the atmosphere?
  - (A) The air is dry, and no moisture is in the atmosphere.
  - (B) The air has a lot of moisture in it, making it feel sticky.
  - (C) The air is very cold, making it feel damp.
  - (D) The air is clear and fresh, with no moisture.
8. Bamboo is used in the production of various items. Which of the following is NOT a common product made from bamboo?
  - (A) Toys
  - (B) Huts
  - (C) Honey
  - (D) Furniture
9. A pond is home to small fish, big fish and various plants. If a large number of big fish disappear from the pond, what might happen to the ecosystem?
  - (A) The small fish population will increase.
  - (B) The plants will grow faster.
  - (C) The water will become cleaner.
  - (D) All of these
10. Choose the odd one out.
 

Ureters, Kidneys, Oesophagus, Urethra, Urinary bladder

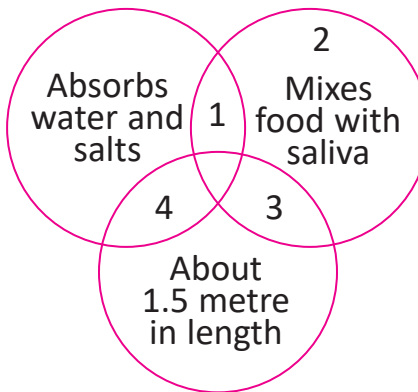
  - (A) Urinary bladder
  - (B) Ureters
  - (C) Oesophagus
  - (D) Kidneys
11. The given diagram is of the \_\_\_\_\_.



- (A) Digestive system
- (B) Reproductive system
- (C) Nervous system
- (D) Muscular system



12. Land breeze blows during \_\_\_\_\_.  
 (A) Day time (B) Night time  
 (C) Evening (D) Early morning
13. Which of the following sedimentary rocks is made of clay that can be used for making tiles and bricks?  
 (A) Shale (B) Limestone  
 (C) Sandstone (D) None of these
14. City 'X' received contaminated water for the past few days. Due to the shortage of water, people had to drink this water only. The people of this city are most likely to suffer from \_\_\_\_\_ disease.  
 (A) Cholera (B) Dengue  
 (C) Chikungunya (D) None of these
15. In the given Venn diagram, which number (1-4) represents the large intestine?



- (A) 1 (B) 2  
 (C) 3 (D) 4
16. Ram has four materials: muslin cloth, butter paper, cardboard and a wooden block. Which materials will allow light to pass through partially?  
 (A) Muslin cloth and Wooden block (B) Wooden block and Butter paper  
 (C) Muslin cloth and Butter paper (D) Cardboard and Wooden block
17. Which of the following statements is CORRECT?  
 (A) Burning of coal and petrol causes air pollution.  
 (B) Coal, petroleum and natural gas are fossil fuels.  
 (C) Fossil fuels are formed from the remains of plants and animals buried millions of years ago.  
 (D) All of these



18. Ria noticed the given features of an aquatic plant during a trip. Choose the plant that has these characteristics.

(i) The leaves are small and float on the water surface.

(ii) The plant spreads quickly and covers large areas.

(A) Lotus

(B) Duckweed

(C) Hydrilla

(D) Water lily

19. Select the CORRECT statement from the following.

(A) Condensation is the process of changing water into water vapour.

(B) Air has weight and it occupies space as well.

(C) We can make a statue from air.

(D) Both (A) and (C).

20. The upward force that acts on a ball in water as shown in the image is called \_\_\_\_\_.

(A) Buoyant force

(B) Frictional force

(C) Gravitational force

(D) None of these



21. Match the Column I with Column II and select the correct option.

Column I	Column II
(p) Air pollution	(i) Unwanted sound in our surroundings
(q) Water pollution	(ii) Presence of waste materials on the land
(r) Land pollution	(iii) Presence of undesirable substances in the water
(s) Noise pollution	(iv) Contamination of air with harmful gases

(A) (p)-(ii), (q)-(iv), (r)-(i), (s)-(iii)

(B) (p)-(i), (q)-(ii), (r)-(iii), (s)-(iv)

(C) (p)-(iv), (q)-(iii), (r)-(ii), (s)-(i)

(D) (p)-(ii), (q)-(iii), (r)-(iv), (s)-(i)

22. The seed dispersal in plant of the given fruit takes place by\_\_\_\_\_.

(A) Wind

(B) Water

(C) Animal

(D) Explosion



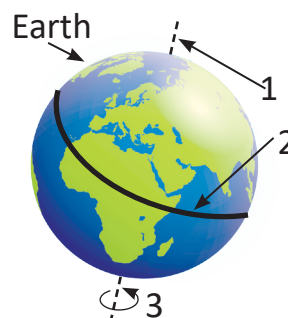
23. Observe the given figure. The correct labelling for 1, 2, and 3 is \_\_\_\_\_.

(A) 1-Equator, 2-Axis, 3-Rotation

(B) 1-Equator, 2-Axis, 3-Revolution

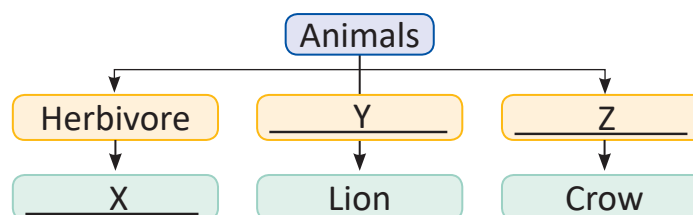
(C) 1-Axis, 2-Equator, 3-Rotation

(D) 1-Axis, 2-Revolution, 3-Rotation





24. Study the given flowchart and select the correct option to fill in the blanks.



- |     | X     | Y          | Z         |
|-----|-------|------------|-----------|
| (A) | Goat, | Carnivore, | Omnivore  |
| (B) | Fox,  | Omnivore,  | Carnivore |
| (C) | Goat, | Omnivore,  | Carnivore |
| (D) | Fox,  | Carnivore, | Omnivore  |

25. Read the given statements and select the correct option.

**Statement 1:** Liquids can flow but solids cannot.

**Statement 2:** The molecules of liquids are packed less tightly as compared to solids.

- (A) Both statements 1 and 2 are correct.  
 (B) Both statements 1 and 2 are incorrect.  
 (C) Statement 1 is correct but statement 2 is incorrect.  
 (D) Statement 1 is incorrect but statement 2 is correct.

### Section C (Competency Enhancement)

**Direction (Q. 26 – 27):** Observe the following figure of plant 'X' and answer the questions that follow:



26. How does plant 'X' get its food?

- (A) It is an underwater plant so, it survives by absorbing water from its surroundings.  
 (B) It does not require food and survives on atmospheric gases.



- (C) It depends on other plants as it is a parasitic plant.  
(D) Its stem is green and waxy which prepares food for the plant.
27. Which of the following is NOT an adaptive feature of plant 'X' to survive in its habitat?  
(A) Long roots (B) Broad leaves  
(C) Sharp spines (D) Fleshy stem
28. Which of the following statements are INCORRECT?  
I. Canning and salting methods are used to preserve food.  
II. Carbohydrates and fats are protective foods.  
III. Egg, fish, milk and pulses are rich source of carbohydrates.  
IV. Roughage is the part of balanced diet which helps in digestion.  
(A) I and IV only (B) II and III only  
(C) III only (D) All of these
29. State True (T) and False (F) for the following statements and select the correct option.  
I. Ribcage protects our brain.  
II. Oesophagus is a thin, long tube which connects the mouth to the stomach.  
III. Molar teeth are broader than premolar teeth and help in grinding the food.  
IV. Kidneys produce bile juice which helps in digestion.
- |     | I | II | III | IV |
|-----|---|----|-----|----|
| (A) | T | F  | T   | F  |
| (B) | T | F  | F   | F  |
| (C) | F | T  | F   | T  |
| (D) | F | T  | T   | F  |
30. Select the option that correctly identifies the animals 'P' and 'Q'.

Characteristics	Animal 'P'	Animal 'Q'
Aquatic habitat	Yes	No
Has scales	Yes	No
Can fly	No	Yes
Lays eggs	Yes	Yes

- (A) P-Frog, Q-Fish (B) P-Pigeon, Q-Butterfly  
(C) P-Fish, Q-Pigeon (D) P-Crab, Q-Frog

