



National Level Examination
NLE 2024

SCIENCE

Grade 4

Subject Code:

3	0	1
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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** possible answer among the four options. On your **ANSWER SHEET** fill in 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. Complete the following series.

1, 4, 9, 16, ____.

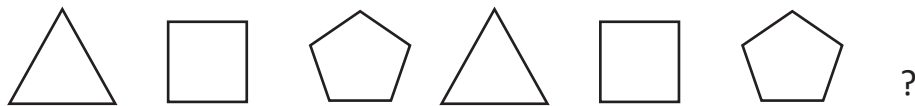
- (A) 36 (B) 25
(C) 49 (D) 64

2. Complete the following pattern.

ABC DEF GHI _____.

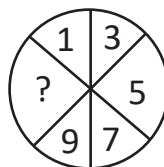
- (A) JKM (B) JKN
(C) JKO (D) JKL

3. Complete the following series.



- (A)  (B) 
(C)  (D) 

4. Complete the given pattern.



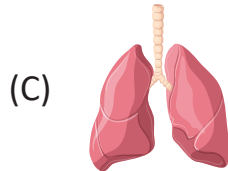
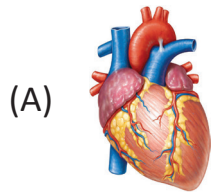
- (A) 10 (B) 11
(C) 12 (D) 13

5. Which of the following words will come first in the dictionary?

- (A) Aback (B) Abacus
(C) Abash (D) Abandon

Section B (Subject Specific)

6. Identify the picture of a brain from the following.



7. Select the odd one out.

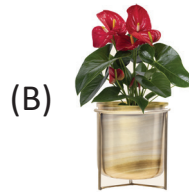
(A) Rubber

(B) Coconut

(C) Cotton

(D) Sugarcane

8. Plants prepare their own food in the form of glucose. Which of the given examples does not prepare its own food?



(D) Both (A) and (C)

9. Goitre causes swelling of a gland in the neck. It results in retarded growth due to the deficiency of _____.

(A) Iron

(B) Iodine

(C) Proteins

(D) Vitamins

10. Which of the following animals does NOT pass through the life stages given below?

Egg → Nymph → Adult

(A) Grasshopper

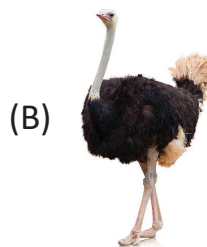
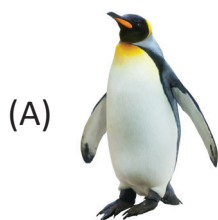
(B) Cockroach

(C) Butterfly

(D) Dragonfly



11. I live in a region where temperature always remains low, but I do not need any warm clothes. I am a bird, but I can swim like fishes. I am a _____.



12. Sea water CANNOT be used for drinking because it _____.

- (A) is blue in colour (B) is green in colour
(C) has lot of dissolved salt (D) all of these

13. Which of the following statements is true?

- (A) Burning of coal and petrol causes air pollution.
(B) Coal, petrol and LPG are fossil fuels.
(C) Fossil fuels are formed by remains of plants and animals which got buried inside the Earth millions of years ago.
(D) All of these

14. Match the following and select the correct option.

Column I	Column II
(p) Ostrich	(i) Aquatic plant
(q) Walrus	(ii) Terrestrial plant
(r) Tape grass	(iii) Desert
(s) Neem	(iv) Arctic

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

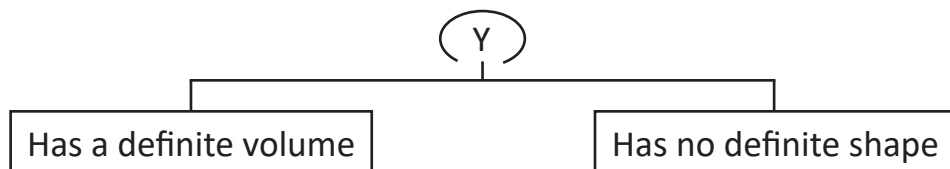
15. Which of the following is NOT the effect of air pollution?

- (A) Respiratory problems (B) Acid rain
(C) Typhoid (D) Damaging ozone layer





16. Study the properties of Y given below. Y is _____.



- (A) Coffee (B) Grains
(C) Pulses (D) Milk

17. Which of the following leads to soil erosion?

- i. Top fertile layer is removed ii. Plantation of trees
iii. Terrace farming iv. Deforestation
(A) i and ii (B) ii and iv
(C) i and iv (D) iii and iv

18. The animal shown alongside eats _____.

- (A) dead and decayed animals
(B) flesh of other animals
(C) only grass
(D) flesh of other animals as well as grass



19. The class of organisms represented by the diagram is _____.

- (A) Reptiles (B) Mammals
(C) Amphibians (D) Birds



20. Which of the following has fibrous root system?

- (A) Maize (B) Grass
(C) Onion (D) All of these

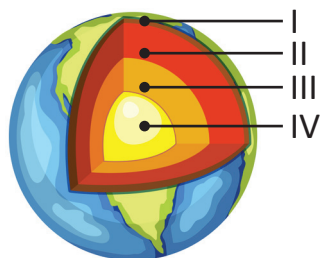
21. Which of the following will NOT help in reducing pollution?

- (A) Use of fossil fuels should be least
(B) Plastics and glass should be recycled.
(C) Burning of garbage
(D) Reduce, reuse and recycle the waste material





22. The layers of Earth are shown in diagram. Identify each of them correctly.



I	II	III	IV
(A) Crust	Inner core	Outer core	Mantle
(B) Crust	Mantle	Inner core	Outer core
(C) Crust	Mantle	Outer core	Inner core
(D) Mantle	Crust	Inner core	Outer core

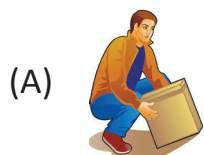
23. Which of the following planets takes approx. 84 years to complete one revolution around the Sun?

- | | |
|-------------|-------------|
| (A) Saturn | (B) Mercury |
| (C) Neptune | (D) Uranus |

24. Who was the first Indian woman to go to space?

- | | |
|---------------------|--------------------------|
| (A) Kalpana Chawla | (B) Sunita Williams |
| (C) Anousheh Ansari | (D) Valentina Tereshkova |

25. In which of the following cases is the force being applied?



(D) All of these

Section C (Competency Enhancement)

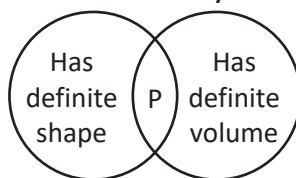
26. Simmi's mother prepared variety of food items for lunch such as puri, rice, aloo sabzi and fruit salad. From the given options choose the essential nutrient that was missing?

- | | |
|--------------|-------------------|
| (A) Protein | (B) Carbohydrates |
| (C) Vitamins | (D) Fats |





27. Refer to the given Venn diagram and identify the correct option that will replace P.



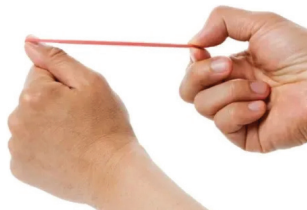
- (A) Cup (B) Milk
(C) Cupboard (D) Both (A) and (C)

28. Sunita read the weather forecast of the coming week of May as shown here.

Monday	41°
Tuesday	38°
Wednesday	34°
Thursday	37°
Friday	42°

Which of these precautions should be taken by her in such weather?

- (A) She should wear cotton clothes.
(B) She should drink lots of water to keep herself hydrated.
(C) She should avoid outdoor activity between 10 a.m. and 4 p.m.
(D) All of these
29. Trisha was boiling some water in a kettle. She saw some steam coming out of its spout. She brought a bottle filled with cold water near the steam. The steam on touching the bottle changes into tiny droplets. This change of vapour into water is called _____.
(A) Evaporation (B) Precipitation
(C) Condensation (D) None of these
30. Rohan was playing with rubber band as shown in the given picture. Identify the type of force being shown here.



- (A) Frictional force (B) Gravitational force
(C) Elastic force (D) None of these



