



SCIENCE

Grade 5

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. Complete the following series.

1, 1, 2, 3, 5, 8, 13 _____, _____.

(A) 21, 34 (B) 19, 35
(C) 21, 36 (D) 20, 37

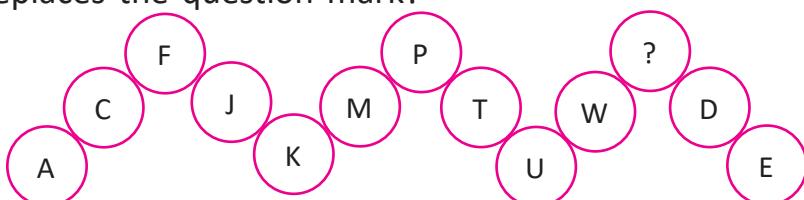
2. If $\star + D = 100$; $D + \square + \triangle = 230$ and $\square + \triangle = 180$, then \star is _____.

(A) 50 (B) 40
(C) 80 (D) 100

3. Which of the following words cannot be formed from the letters of word 'TEACHERS'?

(A) REACH (B) CHAIR
(C) CHEER (D) SEARCH

4. Which letter replaces the question mark?



(A) X (B) Z
(C) A (D) B

5. In the following number series, how many times an odd number is followed by two even numbers?

3 4 5 6 6 7 8 8 9 9 2 3 1 6 8 5 4 7 8 2 3

(A) 7 (B) 5
(C) 4 (D) 6

Section B (Subject Specific)

6. Mahira usually gets affected by the common cold. How does the common cold spread from one person to another?

(A) Through mosquitoes (B) Through housefly
(C) Through air (D) Through infected food and water



7. Ramesh used to sweep the fallen leaves in his garden every day to keep it clean. He stopped sweeping for 2 months as he was preparing for his examination. Now, he sees new baby plants developing from the fallen leaves in his garden. Which of the following is surely present in his garden?

(A)



(B)



(C)



(D)



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

Column I	Column II
p.  	(i) Hinge joint
q.  	(ii) Pivot joint
r.  	(iii) Ball and socket joint
s.  	(iv) Saddle joint

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

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

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

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

9. Select the INCORRECT match.

(A) Skin – Sweat glands

(B) Ears – Auditory nerve

(C) Nose – Mucus

(D) Lungs – Skull

10. Select a pair of animals with the same eating habits.

(A) Monkey, Lion

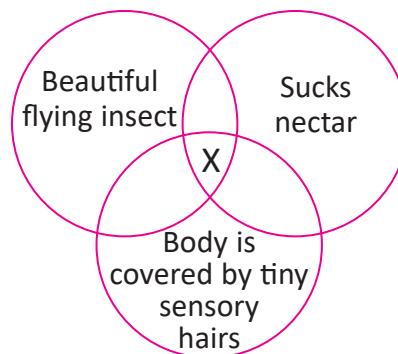
(B) Goat, Deer

(C) Frog, Cow

(D) Giraffe, Tiger



11. Refer to the given Venn diagram and identify the correct insect that will replace 'X'.



(A) Ant (B) Butterfly
(C) Housefly (D) None of these

12. Which of the following is a reversible change?

(A) Burning of candle (B) Evaporation of water
(C) Digestion of food (D) Child becoming adult

13. Which of the following is a natural cause of air pollution?

(A) Volcanic eruption (B) Exhaust from car
(C) Smoke from factories (D) Bursting crackers

14. Which of the following helps in the conservation of natural resources?

(A) Managing wastes (B) Protection of wildlife
(C) Efficient use of natural resources (D) All of these

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

Column I	Column II
(p) Earthquake	(i) Heavy rains
(q) Drought	(ii) Lava
(r) Flood	(iii) Epicentre
(s) Volcano	(iv) No rainfall

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

16. Which of the following vitamins helps in coagulation of blood?

(A) Vitamin A (B) Vitamin B
(C) Vitamin D (D) Vitamin K



17. Observe the given plant. It belongs to the _____ habitat.
(A) Desert (B) Rainforest
(C) Grassland (D) Cold mountains



18. A seed is very light weight and has soft hairs. It is likely to be dispersed by _____.
(A) Water (B) Wind
(C) Animals (D) Explosion

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

Statement 1: Frog is a herbivore and an amphibian.

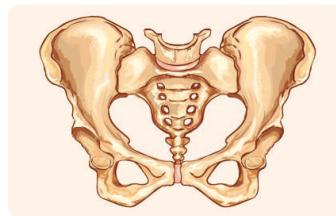
Statement 2: Frog can live both on land and in water.

(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.

20. Which of the following plants does not belong to the grass family?
(A) Wheat (B) Pea
(C) Rice (D) Maize

21. Identify the given part of the skeletal system.

(A) Ribcage
(B) Skull
(C) Pelvic girdle
(D) Pectoral girdle



22. 'X' is a red planet due to iron-rich soil. It is the fourth planet from the Sun. It is _____.
(A) Moon (B) Mars
(C) Jupiter (D) Venus

23. An incense stick was lit in one corner of a room. Simmi enters the room from the other corner and smells it immediately. How do the fumes spread from one corner of the room to the other?
(A) Through the walls (B) Through the air
(C) Through the floor (D) Through water



24. Minakshi throws a piece of wood into the pond. She finds that the piece of wood first gets immersed under the water and after some time it comes to the surface of the water and starts floating. Which force is responsible for the coming up of wood to the surface of the water?

(A) Frictional force (B) Muscular force
(C) Buoyant force (D) Gravitational force

25. The soil transported from one place to another due to gravity is termed as _____.
(A) Loamy soil (B) Colluvium soil
(C) Alluvial soil (D) Humus

Section C (Competency Enhancement)

26. Dr Roshini has four patients each with different problems.

- Simran is having bleeding gums.
- Rakesh is not able to see at night in dim light.
- Rashmi is having swelling in the neck region.
- Ankita has pale nails and patchy skin.

Which of the given pairs of patients and diseases was correctly diagnosed by Dr Roshini?

27. Read the following statements carefully.

Case I : Rajesh pushed the book on the table and changed its position.

Case II : All the boys together tried to push the heavy roller but roller did not move.

Which of the following options is correct?

- (A) Work is done in both the cases.
- (B) Work is done in the case I but not in the case II.
- (C) Work is done in the case II but not in case I.
- (D) Work is not done in both the cases.

28. Read the given statements carefully and select the correct option.

Statement 1: The circulatory system consists of heart, blood and backbone.

Statement 2: Arteries and veins are two main types of blood vessels.



- (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.

Direction (Q. 29 and 30): Consider the given word grid containing names of the different layers of the atmosphere and answer the following questions.

T	T	H	H	K	Y	Y	J	O	H	E	H
R	G	K	R	Y	K	M	K	L	M	G	B
O	N	L	G	D	L	E	L	M	K	H	J
P	M	B	H	R	E	S	M	I	L	K	L
O	K	T	J	Y	X	O	O	K	O	L	O
S	T	R	A	T	O	S	P	H	E	R	E
P	L	U	M	U	S	P	N	P	P	M	P
H	O	O	N	L	P	H	M	D	B	K	M
E	P	L	Y	P	H	E	O	I	M	L	I
R	N	K	I	N	E	R	L	K	I	P	U
E	M	O	L	Y	R	E	P	L	L	B	N
Q	I	U	O	I	E	I	M	P	O	I	L

29. Read the given clues carefully and select the layer that is missing in the word grid.

- (A) First layer above the Earth's surface
- (B) Fourth hot layer of the atmosphere
- (C) Uppermost layer
- (D) Cold layer in which meteors burn up

30. The layer of atmosphere hidden in the grid that contains ozone and is less dense than troposphere, _____.

- (A) Is the layer in which all weather changes take place
- (B) Has the highest temperature
- (C) Protects from the Sun's ultraviolet radiations
- (D) None of these

