



School Level Examination

SLE 2024

SET:

I

GRADE
4

SCIENCE

Subject Code:

3	0	1
---	---	---

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.
- 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.

This question paper contains a total of 30 questions divided into three sections—A, B and C.

Section A (Logical Reasoning)

1. If  = 2,  = 4,  = 6

 -  -  = 

(A) 0

(B) 3

(C) 6

(D) 4

2. A magical number was 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 magical number ADDED to itself.

What is the magical number?

(A) 1

(B) 2

(C) 4

(D) None of these

3. Choose the pair of words that best expresses the relationship similar to that of the given pair.

Sugar : Sweet

(A) Water : Cold

(B) Time : Fast

(C) Money : Rupees

(D) Fire : Hot

4. If EARTHQUAKE is coded as MXLPEIZXTM, then EQUATE will be coded as _____.

(A) MIZXPM

(B) MEIXPM

(C) MEIXMP

(D) IZXGPM

5. What will come next in the given series?

+	-
÷	×

,

÷	+
×	-

,

×	÷
-	+

, _____.

(A)

-	+
×	÷

(B)

-	×
+	÷

(C)

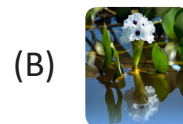
÷	×
+	-

(D)

-	×
÷	+

Section B (Subject Specific)

6. Which of the following flowers belongs to a terrestrial plant?



7. The animal shown here is adapted to live in desert regions because it has _____.

(A) Long legs

(B) Small tail

(C) Hump to store fat

(D) Both (A) and (C)



8. The given figure shows one of the important organ systems of the human body. Which is INCORRECT about the organ labelled as 'X'?

(i) It cleanses the blood.

(ii) It excretes wastes.

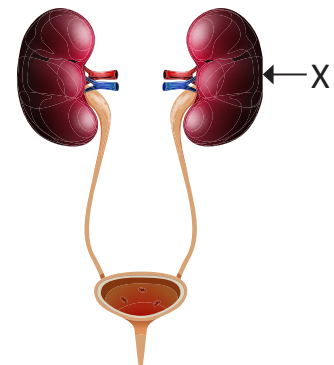
(iii) It is a part of digestive system.

(A) (ii) only

(B) (iii) only

(C) (i) and (ii)

(D) (ii) and (iii)



9. Which type of rainfall would be most helpful to farmers?

(A) Rainfall that evaporates quickly

(B) Rainfall that runs off the land quickly

(C) Rainfall that soaks into the soil slowly

(D) Very little rainfall

10. Suresh was eating the given items in his salad that was given to him by his mother when he came back from the school.



From the given options, select the correct edible parts of the plant with respective items in the salad (i-v).

(A) i- stem, ii- root, iii- leaf, iv- fruit, v- flower

(B) i- root, ii- stem, iii- leaf, iv- seed, v- fruit

(C) i- fruit, ii- root, iii- leaf, iv- stem, v- flower

(D) i- seed, ii- root, iii- leaf, iv- fruit, v- flower

11. Minku is eating a carrot, as shown in the given picture. He is using _____ teeth for eating carrot.

(A) Molar
(C) Canine

(B) Premolar
(D) Incisor



12. Which of the following sedimentary rocks is made up of clay and is used for making tiles and bricks?

(A) Shale
(C) Limestone


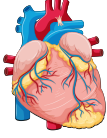


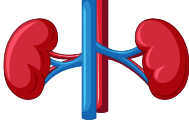
(B) Conglomerate
(D) Sandstone

13. During this season, it is very hot as direct Sunrays fall on most parts of India and schools remain closed. Which season is being discussed here?

(A) Monsoon
(C) Winter

(B) Spring
(D) Summer

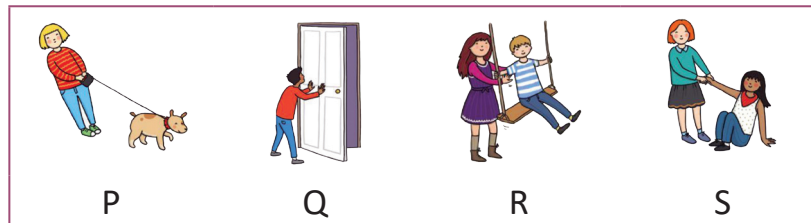
14. Match the column I with column II and select the correct option.

Column I (Body parts)	Column II (Functions)
p. 	(i) Form urine
q. 	(ii) Digestion of food
r. 	(iii) Pumps blood throughout the body
s. 	(iv) Help us breathe
t. 	(v) Controls working of all the body parts

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

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

15. Consider the given figures and identify the correct option.



- (A) Push- P, Q, S ; Pull- R
(B) Push- P, Q, R ; Pull- S
(C) Push- Q, R ; Pull- P, S
(D) Push- R ; Pull- P, Q, S
16. Chameleons have the ability to change their skin colour according to the surroundings. It is done to _____.
(A) Escape from the enemies
(B) Get the food easily
(C) Both (A) and (B)
(D) None of these
17. Observe the activities shown in figures P-S.



- Which of these activities are possible due to presence of air?
(A) P and S only
(B) Q and R only
(C) Q, R and S only
(D) P, Q, R and S
18. Neerja dissolved some salt in water. She then left the salty water in the Sun for five days. She observed that there was no water left and only salt was there. The process demonstrated in the above experiment is _____.
(A) Filtration
(B) Boiling
(C) Condensation
(D) Evaporation
19. In the given figure, a person suffering from a disease that is caused due to iodine deficiency is shown. Identify the disease.
(A) Anaemia
(B) Marasmus
(C) Kwashiorkor
(D) Goitre



20. Select the incorrect pair from the given options.

- (A) Measuring cylinder – Made of rubber (B) Bottle – Made of glass
(C) Chair – Made of paper (D) Both (A) and (C)

21. Read the statements and select the appropriate option.

Statement 1: The movement of the Earth on its own axis is called rotation.

Statement 2: Rotation causes different seasons on the Earth.

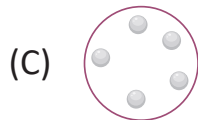
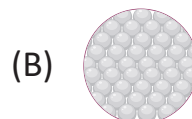
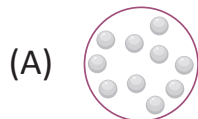
- (A) Statement 1 is incorrect and statement 2 is correct.
(B) Statements 1 and 2 are correct.
(C) Statements 1 and 2 are incorrect.
(D) Statement 1 is correct, but statement 2 is incorrect.

22. Select the animals that reproduce by laying eggs.

Cockroach, Rat, Cat, Hen, Frog, Human, Sparrow, Ant, Lizard

- (A) Rat, Cat, Human
(B) Frog, Cat
(C) Sparrow, Ant, Rat
(D) Cockroach, Hen, Frog, Sparrow, Ant, Lizard

23. While Ram was drinking milk, his mother asked him about the physical state of the milk. Which of the following options represents the correct arrangement of particles in milk?



(D) None of these

24. The plant shown in the given picture is example of _____.

- (A) Floating plant (B) Emergent plant
(C) Underwater plant (D) None of these



25. The loss of forests due to the cutting down of trees in large numbers is called _____.

- (A) Global warming (B) Afforestation
(C) Deforestation (D) None of these

Section C (Competency Enhancement)

Direction (Q. 26 and 27): Refer to the given grid and answer the following questions.

26. Answer the following questions.

- (i) How many words related to respiratory system are hidden in this grid?
- (ii) How many words related to nervous system are hidden in this grid?

(A) (i) - 3; (ii) - 2

(B) (i) - 1; (ii) - 2

(C) (i) - 4; (ii) - 1

(D) (i) - 2; (ii) - 3

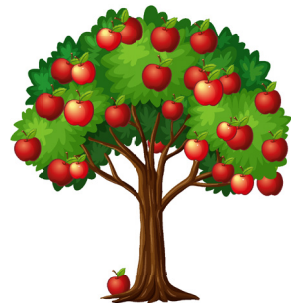
W	N	E	R	V	E	S
I	B	J	G	I	H	L
N	N	O	S	E	M	U
D	R	K	H	L	I	N
P	Y	T	I	W	L	G
I	B	R	A	I	N	S
P	O	N	L	R	P	B
E	P	W	M	T	Y	N

27. We have five sense organs. Select the correct clue that identifies the sense organ hidden in the above grid.

- (A) It is used to differentiate between hot and cold coffee.
- (B) It is used to feel the roughness of a surface.
- (C) It is used to smell the wet soil after rain.
- (D) None of these

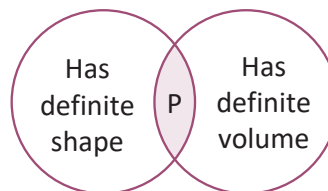
28. An apple always falls down as it detaches from the tree. From the given options select the correct reason for this.

- (A) Due to frictional force
- (B) Due to gravitational force
- (C) Due to chemical energy changing into light energy
- (D) None of these



29. 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)



30. Select the correct option regarding adaptations in plants.

- (A) Coconut plants have a crown of feather like leaves to withstand strong winds.
- (B) Needle-like leaves with waxy coating are found in plants in mountainous regions.
- (C) The roots of cactus are long and penetrate deep into the ground.
- (D) All of these

