



School Level Examination
SLE 2023

GRADE
5

SCIENCE

Subject Code:

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

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.
- 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.

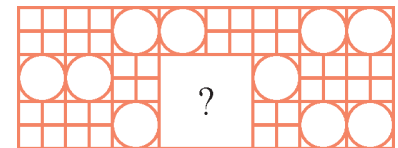
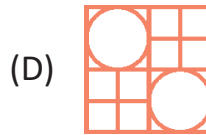
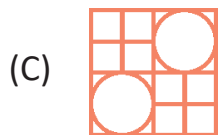
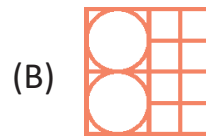
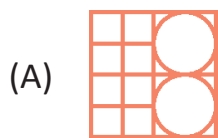
SCIENCE

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

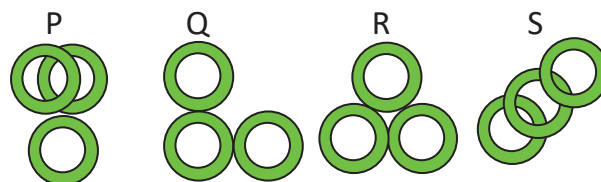
Section A (Logical Reasoning)

- Harshit reached Goa on Christmas day and left from there on 4th of January. How long did Harshit stay in Goa?
 - (A) 9 days
 - (B) 10 days
 - (C) 11 days
 - (D) 12 days
- If 'Ring' is called 'Flower', 'Flower' is called 'Letter', 'Letter' is called 'Red', 'Red' is called 'Green', 'Green' is called 'Yellow' and 'Yellow' is called 'Blue', then what is offered to God?
 - (A) Flower
 - (B) Ring
 - (C) Letter
 - (D) Green

3. Which is the missing part of the given pattern?



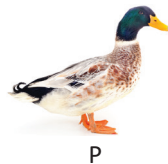
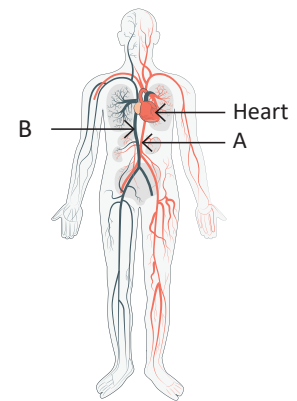
4. Which of the following figures have a line of symmetry?



- (A) Only P
 - (B) Both P and Q
 - (C) Q, R and S
 - (D) Only S
5. Which of the following words CANNOT be formed from the letters of word 'POPULARITY'?
- (A) ORALITY
 - (B) POULTRY
 - (C) TRULY
 - (D) TROUPE

Section B (Subject Specific)

6. The green leaf-like parts in the outermost circle of a flower are known as _____.
- (A) Petals (B) Receptacle
(C) Stamen (D) Sepals
7. Person suffering from night blindness is unable to see at dim light or at night. Which of the following food items should be taken to prevent this disease?
- (A) Indian gooseberry and Orange (B) Green vegetables and Milk
(C) Nuts and Breads (D) Soybean and Cereals
8. Which of the following skeletal parts protects our heart?
- (A) Rib cage (B) Skull
(C) Pelvic bone (D) Spinal cord
9. Look at the given figure and select the correct option.
- (A) Part A lies quite deep under our skin.
(B) Blood flows at low pressure through part B.
(C) Part A always carries deoxygenated blood.
(D) Both (A) and (B)
10. Study the given figures.



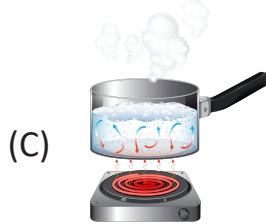
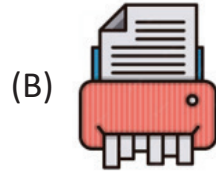
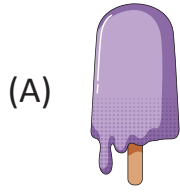
Select the correct option that is similar in both the animals.

- (A) Both are able to fly. (B) Both have webbed feet.
(C) Both give birth to young ones. (D) Both live on land only.
11. Which of the following animals are cold blooded animals?







(D) All of these

12. Which of the following is the correct example of physical change?



(D) All of these

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

Column I	Column II
1. 	P. Snowy
2. 	Q. Rainy
3. 	R. Sunny
4. 	S. Cloudy

(A) 1-R, 2-Q, 3-S, 4-P

(B) 1-P, 2-Q, 3-S, 4-R

(C) 1-R, 2-S, 3-Q, 4-P

(D) 1-P, 2-Q, 3-R, 4-S

14. Identify the given personality.

(A) Kalpana Chawala

(B) Sunita Williams

(C) Svetlana Savitskaya

(D) Chiaki Mukai



15. Look at the given figure and identify it with the help of given clues.

- (i) This type of rock is used as building stone.
- (ii) It is type of metamorphic rock with striped or streaked look.

- (A) Quartzite
- (B) Chalk
- (C) Shale
- (D) Gneiss

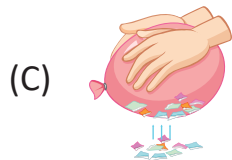
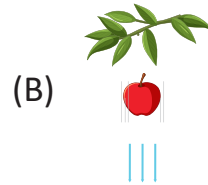
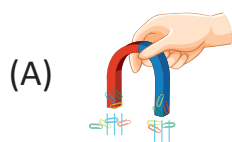


16. How many abiotic resources are given in the box?

Air, Water, Land, Soil, Minerals, Metals, Plants, Animals, Trees

- (A) 4
- (B) 6
- (C) 7
- (D) 9

17. Which of the following is categorised as a non-contact force?



- (D) All of these

18. Rohan accidentally drops a glass on the floor. What kind of energy conversions take place in this situation?

- (A) Potential energy to Kinetic energy
- (B) Electrical energy to Mechanical energy
- (C) Chemical energy to Muscular energy
- (D) None of these

19. Subash wants to grow a plant, but without using seeds. Which of the following plants can he grow by the same method?



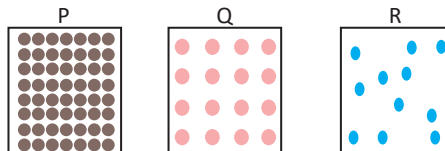
- (D) All of these

20. Which of the following help/helps the tiger to sense the movements or vibrations in air?
- (A) Eyes (B) Whiskers
(C) Ears (D) Its urine
21. Which body organ is related to the following functions?
- (i) Co-ordinates and controls the body processes
(ii) Controls the movement of body and various parts
(iii) Interpretation of sensations
- (A) Heart (B) Stomach
(C) Brain (D) Limbs
22. Which of the following foods should a physically weak person consume regularly to gain weight?



(D) All of these

23. A diagrammatic representation of particles of 3 states of matter is given below.



Which state of matter is represented by Q?

- (A) Solid (B) Liquid
(C) Gas (D) None of these
24. It is advised to the car driver to drive slowly on a snowy day as the roads are slippery. This means the friction on the roads has _____.
- (A) Reduced
(B) Increased
(C) It has nothing to do with friction
(D) First increase and later reduced



25. A pond was drained to build a mall. Two years later, there were no frogs in that area. Why did the frogs disappear?
- (A) The frogs were destroyed by the construction equipments.
 - (B) The frogs died because frogs couldn't breathe out of water.
 - (C) The frogs were frightened and went into the woods.
 - (D) The frogs used to get their food from the pond ecosystem.

Section C (Competency Enhancement)

26. Rohan was asked to match the vitamin and minerals with their correct deficiency diseases. One of the pair was matched incorrectly by him. Identify the option.
- (A) Iodine – Goitre
 - (B) Vitamin B – Beri-beri
 - (C) Vitamin D – Rickets
 - (D) Iron – Night blindness
27. Sunita is going to Rajasthan for her winter vacation. Which type of following trees will she most probably find there?
- (A) Coconut
 - (B) Spruce
 - (C) Pine
 - (D) Cactus
28. Ramya is having bleeding gums with loose teeth cavity. Doctor suggested her to take amla, orange and sprouted grams along with the medicines. Select the disease she is suffering from and its causes.
- (A) Anaemia, deficiency of vitamin A
 - (B) Rickets, deficiency of vitamin D
 - (C) Scurvy, deficiency of vitamin C
 - (D) Goitre, deficiency of iodine
29. Rahul's father has to load his suitcase on to a truck for shifting home. He was not able to lift the suitcase. Which simple machine can help him to do this?
- (A) Inclined plane
 - (B) Pulley
 - (C) Wheel and Axle
 - (D) None of these
30. Read the statements and choose the correct option.
- Statement 1:** Wind disperses the seeds of many plants.
- Statement 2:** Maple and dandelion are dispersed by wind.
- (A) Only statement 1 is correct.
 - (B) Only statement 2 is correct.
 - (C) Both statements are correct.
 - (D) Both statements are incorrect.

