



School Level Examination
SLE 2022

GRADE
5

SCIENCE

Subject Code:

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Total Questions: 30

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

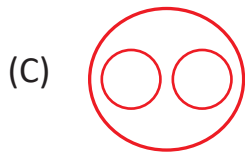
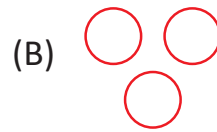
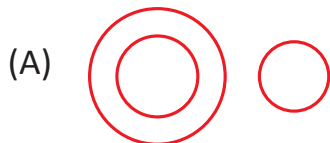
- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** answer among the four possible 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

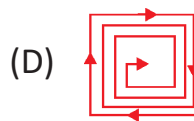
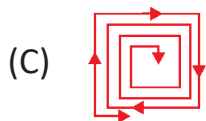
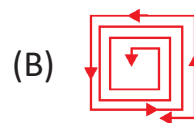
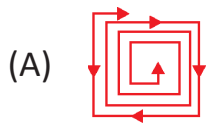
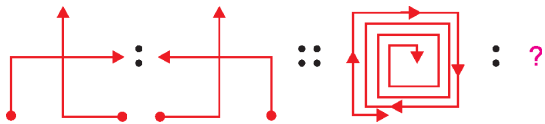
Section A (Logical Reasoning)

(This section contains 5 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

1. Which of the following diagrams indicates the best relation between India, Haryana and World?



2. Identify the relation between each of the given pairs on either side of :: and find the missing figure/term.



3. If 'Moon' is called 'Star', 'Star' is called 'Earth', 'Earth' is called 'Sun' and 'Sun' is called 'Mars', then where do we live?

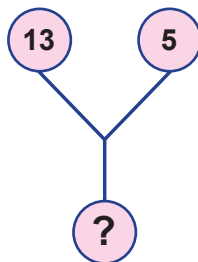
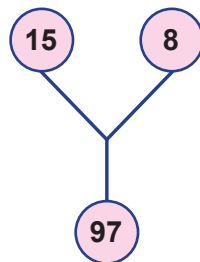
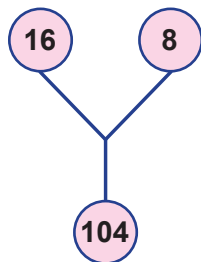
(A) Earth

(B) Sun

(C) Star

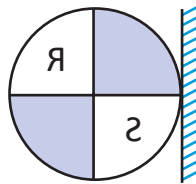
(D) Moon

4. Which number will replace the question mark in number bond given below?



- (A) 37 (B) 42
(C) 47 (D) 52

5. Find the mirror image of the figure given below.



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

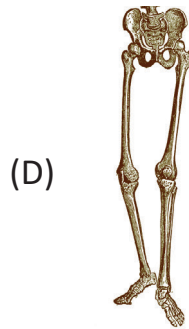
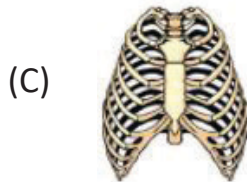
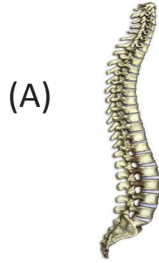
Section B (Subject Specific)

(This section contains 25 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

6. Some plants such as _____, _____ and _____, that are actually leaves, can also be eaten as food.
- (A) spinach, cabbage, coriander (B) broccoli, sugarcane, lettuce
(C) carrot, radish, potato (D) ginger, garlic, onion
7. Choose the odd one out.



8. Which part of the skeletal system will be affected if you always sit in the wrong posture?



9. Find the odd one from each group and choose the correct option.

Group 1	Bread, Butter, Potato, Cereal
Group 2	Fish, Chicken, Sugar, Nuts
Group 3	Vegetable, Butter, Ghee, Oil

(A) Bread, Fish, Vegetable

(B) Butter, Sugar, Vegetable

(C) Potato, Chicken, Ghee

(D) Cereal, Nuts, Oil

10. What is the reason for expansion of substances/materials when they are heated?

(A) Heating takes energy from particles so they move away

(B) Particles gain energy and become loose

(C) Both (A) and (B)

(D) None of these

11. Where is most of the Earth's water located?

(A) Glaciers

(B) Lakes

(C) Oceans

(D) Rivers

12. A comet's tail points in the direction _____.

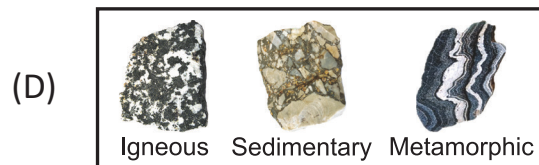
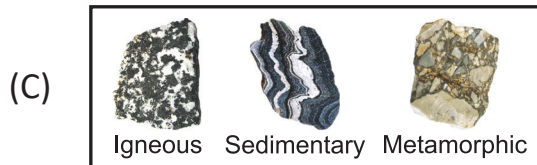
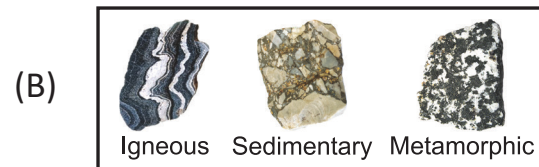
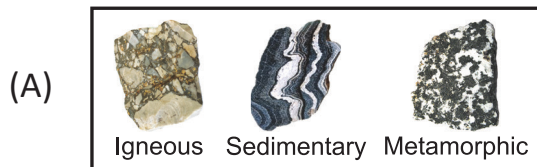
(A) towards the Sun

(B) towards the Earth

(C) behind the comet in its orbit

(D) away from the Sun

13. In which set are the rock drawings labelled with their correct rock types?



14. Which of the following is a way that people directly affect the environment?

- (A) Playing football (B) Dumping trash in open fields
(C) Flying a kite (D) Riding a bicycle

Use the picture below, showing Deepak pulling a carriage on a level footpath, to answer the questions 15 and 16.



15. How would the movement of the carriage be affected if he pulls faster on the carriage?

- (A) The carriage would move faster.
(B) The carriage would move slower.
(C) The carriage would move at the same speed.
(D) The carriage would not move.

16. How would the movement of the carriage be affected if his little brother sits in the carriage?

- (A) It will take more force to move the carriage.
(B) It will be easier to move the carriage.
(C) The carriage would move faster.
(D) The carriage would move at the same speed.

17. In picture P, Kirti is holding a balloon. No air can get out of the balloon. She squeezes the balloon so that it is thinner, as shown in picture Q. Which statement is correct?



Picture P



Picture Q

- (A) The balloon is thinner because it lost mass.
- (B) The balloon is longer because it gained mass.
- (C) The balloon is lighter because it lost mass.
- (D) The mass of the balloon stayed the same.

18. Read the statements.

- (i) I am a type of sedimentary rock.
 - (ii) I am used in making of quicklime, chalk and cement.
- Identify me.

- (A) Pumice
- (B) Granite
- (C) Limestone
- (D) Mica

19. A group of students is building a model of an ecosystem. Which of the following organisms should the students select that can act as a decomposer?



20. If the number of hawks increase, which population is likely to decrease?

- (A) Snakes
- (B) Frogs
- (C) Crickets
- (D) Plants

21. Plate tectonics result into _____ .

- (A) narrow Valley
- (B) lake
- (C) water erosion
- (D) hot liquid rock

22. Which of the following rocks is made of mineral calcite?

- (A) Limestone
- (B) Shale
- (C) Basalt
- (D) None of these

23. Which of the following is the example of kinetic energy?

- (A) A boy is sleeping
- (B) A fan is off
- (C) A girl is watching TV
- (D) A car is moving

24. Which of the following is (are) an example of simple machine(s)?
 (A) Screw (B) Wheel and axle
 (C) Bicycle (D) Both (A) and (B)
25. In ancient times, people with the help of stars used to determine _____ during the night time.
 (A) time (B) directions
 (C) gravity (D) seasons
26. Which of the following does not have its own light?
 (A) Moon (B) Star
 (C) Sun (D) None of these
27. In which of the following processes is oxygen used up?
 (i) Burning
 (ii) Respiration
 (iii) Photosynthesis
 (A) (i) and (ii) (B) (i) and (iii)
 (C) (ii) and (iii) (D) (i), (ii) and (iii)
28. 0 degree Celsius: Freezing point of water
 _____ : Boiling point of water
 (A) 110 degree Celsius (B) 100 degree Celsius
 (C) 120 degree Celsius (D) 98 degree Celsius
29. Pick the correct option.
 (A) Solids can freeze (B) Gas can freeze
 (C) Liquid can freeze (D) All of these
30. We should drink _____ glasses of water a day.
 (A) 9–10 (B) 6–8
 (C) 4–5 (D) Can't say

