



SCIENCE

School Level Examination

GRADE

5

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**.
- * 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 oval that matches your answer.

- * Marks are **NOT** deducted for incorrect answers.
- * Return the **Answer Sheet** to the invigilator at the end of the examination.
- * Write your Roll No. on the Question Paper too and take it home for future reference.
- * You are **NOT** allowed to use a calculator.

You may use a ruler and spare paper for rough work.

Section - A

(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. What must be added to 2 to make it equal to $\frac{11}{3}$?

(A) $\frac{2}{3}$

(B) $\frac{1}{3}$

(C) $\frac{5}{3}$

(D) $\frac{4}{3}$

2. 31 students are standing in a queue in the morning assembly. If Kavita is standing in the middle of the queue, what will be her position from start as well as end of the queue?

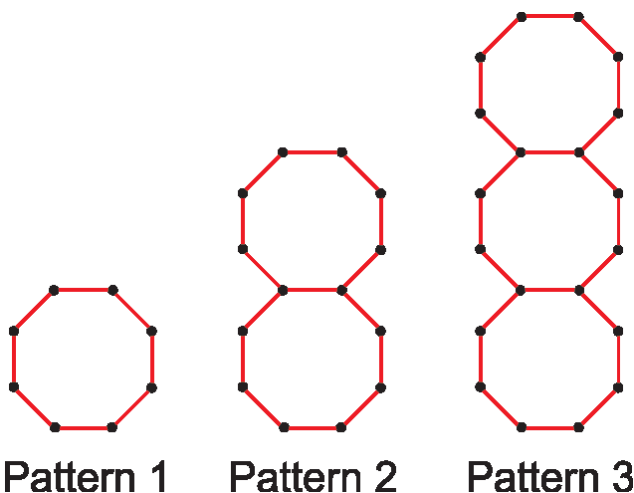
(A) 30th

(B) 13th

(C) 16th

(D) 17th

3. How many matchsticks are needed to make pattern 5?



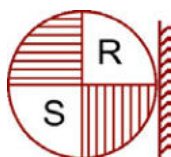
(A) 54

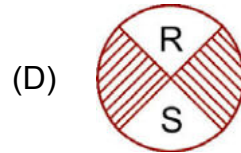
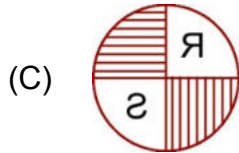
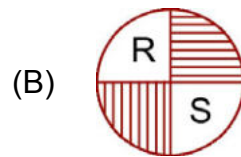
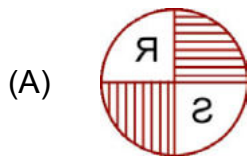
(B) 36

(C) 34

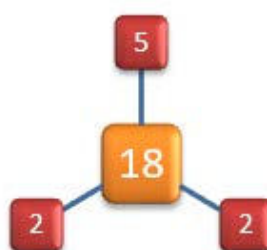
(D) 38

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





5. Find the missing number.



(A) 30

(B) 17

(C) 25

(D) 24

Section - B

(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. Fill in the boxes with suitable components.



(A) 1–Oxygen, 2–Carbon dioxide, 3–Water

(B) 1–Carbon dioxide, 2–Oxygen, 3–Water

(C) 1–Oxygen, 2–Carbon dioxide, 3–Air

(D) 1–Carbon dioxide, 2–Water, 3–Oxygen

7. After applying hand sanitizer on her hands, Rekha realized that within a minute her hands were dry. Why?

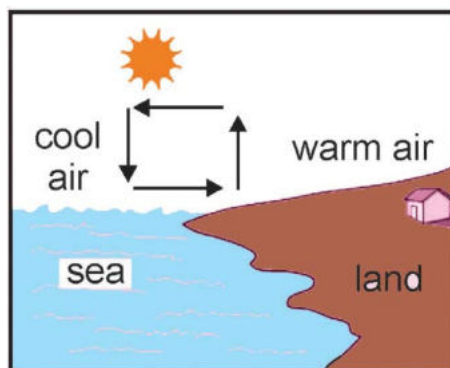
(A) The hand sanitizer is a liquid that evaporates turning into a gas.

(B) The hand sanitizer is a liquid that condenses turning into a gas.

(C) Both (A) and (B)

(D) None of these

8. The picture below shows a place where air currents will form due to the uneven heating of Earth. In which direction will air currents most likely move?



- (A) Straight down over the land (B) From the sea towards the land
(C) From the land towards the sea (D) Straight up above the sea
9. Heena is having a defect in which she cannot remember anything. Which part of the brain is responsible for this?
- (A) Medulla (B) Cerebrum
(C) Cerebellum (D) Hypothalamus
10. Which of the following image represents the strongest forces of attraction between the molecules?



11. Which of the following is innermost layer of the atmosphere?
- (A) Lithosphere (B) Ionosphere
(C) Troposphere (D) Stratosphere
12. Which of the following rocks is made of mineral calcite?
- (A) Limestone (B) Shale
(C) Basalt (D) None of these
13. Which of the following food contains the highest amount of fibers?



Raspberries



Cheese



Carrots



Pasta

14. Peach trees have sweet-smelling flowers _____.

- (A) To feed migratory birds
- (B) To protect trees from diseases
- (C) To create flower arrangement
- (D) To attract bees for pollination

15. Match the columns.

Column I	Column II
1. Separation of floating particles	p. Sedimentation
2. Separation of water from sediments	q. Filtration
3. Separation of insoluble heavy particles	r. Decantation

- (A) (1.-q.), (2.-p.), (3.-r.)
- (B) (1.-p.), (2.-q.), (3.-r.)
- (C) (1.-r.), (2.-q.), (3.-p.)
- (D) (1.-q.), (2.-r.), (3.-p.)

16. Which of the following is an example of Pulley machine?

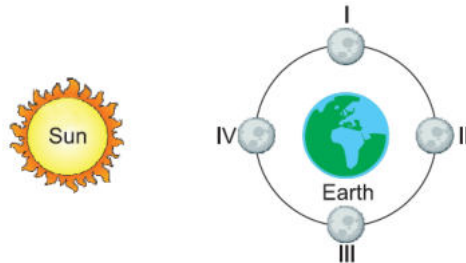
- (A) Elevator in the mall
- (B) Lid of the jar
- (C) A weighing balance
- (D) A bottle opener

17. Choose the correct sequence of farming steps in the fields.

1. Plants are given insecticides to prevent them from insects.
2. Weeds are removed.
3. The plants are watered properly.
4. The seeds are sown.
5. Harvesting is done.
6. The field is ploughed thoroughly.

- (A) 4 → 3 → 2 → 5 → 6 → 1 (B) 1 → 2 → 3 → 4 → 5 → 6
 (C) 6 → 4 → 3 → 2 → 1 → 5 (D) 3 → 2 → 4 → 5 → 1 → 6

18. The diagram given below shows the Moon at four positions in its orbit around the Earth. At which position of the Moon will total lunar eclipse happen?



- (A) At position II (B) At position I
 (C) At position IV (D) At position III
19. While playing, Priya throws a ball in the air but it falls down after some time. This happened because of _____.
- (A) Frictional Force (B) Gravitational Force
 (C) Magnetic Force (D) All of the above
20. Choose the odd one.



21. _____ is the process in which water in a beaker can be converted directly into water vapors by providing some heat.
- (A) Condensation (B) Solidification
 (C) Vaporization (D) Sublimation
22. Which one is the correct food chain?
- (A) Eagle → Snake → Grasshopper → Grass → Frog
 (B) Grasshopper → Grass → Snake → Frog → Eagle

(C) Grass → Grasshopper → Frog → Snake → Eagle

(D) Eagle → Frog → Grass → Grasshopper → Snake

23. Which is the hottest planet in the solar system?

(A) Mercury

(B) Earth

(C) Venus

(D) Jupiter

24. _____ and _____ are the body systems that directly cause the arm to bend.



(A) Skeletal and muscular

(B) Reproductive and muscular

(C) Respiratory and excretory

(D) Nervous and digestive

25. Read the statements and choose the correct option.

Statement 1 – Crystals of Potassium Permanganate are used to purify water.

Statement 2 – Nitrogen is a Greenhouse gas.

(A) Statement 1 is correct.

(B) Statement 2 is correct.

(C) Both the statements are correct.

(D) Both the statements are incorrect.

26. _____ is a point on earth's surface where an earthquake takes place.

(A) Epicentre

(B) Hypocentre

(C) Ground zero

(D) Earthquake point

27. Which of the following is not an herbivorous animal?

(A)



(B)



(C)



(D)



28. Which of the following is NOT a protein rich food?

- (A) A plate full of fruits. (B) A bowl of fish curry.
(C) An omelet of two eggs. (D) A piece of ginger.

29. Screwdriver can be used for opening tightly closed jars. It is also considered as an example of _____.



- (A) The wedge (B) An inclined plane
(C) The screw (D) The lever

30. Afforestation and Terrace farming can be used to prevent _____.

- (A) Soil Erosion (B) Soil Fertility
(C) Soil Ploughing (D) All of them

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