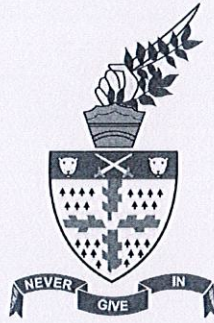


*The Laurence School, Louisa*



**SAMPLE QUESTION PAPER**

**2027-28**

**CLASS IX**

**(STUDENTS SEEKING ADMISSION FOR CLASS IX)**





**SECTION A-READING (12 MARKS)**

**I. Read the following passage:**

*The Power of Small Acts*

When Rohan joined the new school in Class IX, he was both nervous and uncertain. The classrooms were larger than those in his old school, and the corridors echoed with laughter and chatter. Everyone seemed to have a group to sit with, someone to walk with, and a friend to talk to. Rohan, on the other hand, often found himself alone during breaks. He would sit under a tree with his lunchbox, pretending to be busy reading, though his mind wandered in thoughts of home and old friends.

One afternoon, while he was quietly eating, a cricket ball rolled to his feet. A tall boy named Arjun came running toward him to retrieve it. “Hey, thanks!” Arjun said, smiling. As he turned to go, he noticed Rohan sitting alone. “Why don’t you join us for a game?” he asked. Rohan hesitated for a moment but finally nodded. That small invitation marked the beginning of a new chapter in his school life.

Rohan was not a skilled player, but Arjun encouraged him every step of the way. Gradually, he learned to bowl decently, and soon his laughter joined the others’ in the playground. Over the next few weeks, Rohan began to feel more confident. He volunteered for class projects, answered questions during lessons, and helped organize the school’s charity fair. His classmates began to recognize him as someone cheerful and dependable.

A few months later, a new student named Neeraj joined their class. He was shy and withdrawn, often sitting by himself, avoiding eye contact. Rohan immediately remembered his first days and how Arjun’s small act of kindness had transformed him. Determined to do the same for someone else, Rohan walked up to Neeraj one day and said warmly, “Hey, want to sit with us?”

That moment was the start of a friendship and a chain of kindness that spread through the class. When the school year ended, Rohan was no longer the quiet boy in the corner but a confident, kind young man. During the farewell ceremony, his teacher said, “Rohan has shown us that kindness doesn’t need to be grand—it just needs to be genuine.”

Those words stayed with him. Rohan realized that even the smallest gestures—a smile, a helping hand, or an encouraging word—could light up someone’s world. Kindness, he thought, is like a candle: when you use it to light another, your own flame doesn’t fade—it only makes the world brighter.

1. Why did Rohan feel nervous when he joined the new school?

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2. What made Arjun notice Rohan in the school garden? 1

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3. How did Arjun's invitation to play cricket change Rohan's attitude? 1

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4. What new activities did Rohan take part in after gaining confidence? 1

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5. Who was Neeraj, and how did Rohan treat him? 1

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6. What message did Rohan's teacher share during the farewell ceremony? 1

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7. Find the **synonyms** of: 1

a) *Nervous* = \_\_\_\_\_

b) *Genuine* = \_\_\_\_\_



8. Find the **antonyms** of: 1

a) *Lonely* = \_\_\_\_\_

b) *Faded* = \_\_\_\_\_

9. Why do you think Arjun invited Rohan to join the game even though he didn't know him well? 1

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10. If a new student joined your class and seemed lonely, what small action could you take to make them feel included? 1

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11. How does the story show that kindness can create a lasting impact on both the giver and the receiver? 2

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Section C-Grammar (18 marks)

IV. Read the following sentences and change them into Passive voice: (5)

1) Dinesh killed a cat.

\_\_\_\_\_

2) The firemen took the injured to the hospital.

\_\_\_\_\_

3) An earthquake destroyed the town.

\_\_\_\_\_

4) Who baked the pizza?

\_\_\_\_\_

5) Are they plucking flowers?

\_\_\_\_\_

V. Fill in the blanks with correct form of the verb: (5)

1) Either Ria or her sisters \_\_\_\_ going to bring the cake.

- A) is
- B) are
- C) has
- D) was

2) Everyone \_\_\_\_ to be happy with the results.

- A) seem
- B) appear
- C) seems
- D) are

3) The news \_\_\_\_ very surprising.

- A) are
- B) were
- C) is
- D) have

4) The list of items \_\_\_\_ on the table.

- A) were
- B) are
- C) is
- D) have



- 5) Neither of the two answers \_\_\_\_ correct.  
A) is  
B) are  
C) were  
D) have

**VI. Choose the correct indirect speech: (4)**

- He said, "She dances very well."  
A) He said that she danced very well.  
B) He said that she dances very well.  
C) He said that she has danced very well.  
D) He said she would dance very well.
- The teacher said, "Water boils at 100 degrees Celsius."  
A) The teacher said that water boiled at 100 degrees Celsius.  
B) The teacher said that water boils at 100 degrees Celsius.  
C) The teacher said that water has boiled at 100 degrees Celsius.  
D) The teacher said that water is boiling at 100 degrees Celsius.
- He said to me, "Do you like chocolates?"  
A) He asked me that I like chocolates.  
B) He asked me if I liked chocolates.  
C) He said me if I liked chocolates.  
D) He asked that I like chocolates.
- He said to me, "Please help me."  
A) He requested me to help him.  
B) He asked me help him.  
C) He said me to please help him.  
D) He told me that help him.

**VII. The following passage has not been edited. There is one error in each line. Write the error along with its correction in the space provided. 4**

correction

*Students understands the importance of good health. e.g. understands  
understand*

You recently ask me to submit a short report

\_\_\_\_\_

in the progress made so far in the

\_\_\_\_\_

Literacy Project. Initially, adults were reluctance

\_\_\_\_\_

to learn. Gradually they overcome their inhibitions.

\_\_\_\_\_

Error





**General Instructions:**

- i. Answer all questions.
- ii. Questions 1 to 10 carry 2 marks each, questions 11 to 20 carry 3 marks each.

**Section A (2 x 10 = 20)**

1. The area of a square is 49 square cm.

- i. The length of its side is \_\_\_\_\_
- ii. Its perimeter is \_\_\_\_\_

2. Is 324 a perfect square? \_\_\_\_\_

If yes, then  $\sqrt{324} =$  \_\_\_\_\_

3. How many cubes of side 1 cm will make a cube of side 3 cm?

\_\_\_\_\_

Draw the side view of the larger cube.

4. Find the value of

i.  $(-6)^3 =$  \_\_\_\_\_

ii.  $\left(\frac{3}{4}\right)^3 =$  \_\_\_\_\_

5. Express the following numbers in scientific notation.

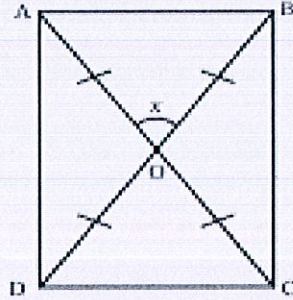
i. The total population of Hainan gibbons is a meager 42. \_\_\_\_\_

ii. More than 200 million water buffaloes are estimated worldwide.

\_\_\_\_\_



6. ABCD is a rectangle, where  $\angle BOC = 140^\circ$ ,  $\angle AOB = x^\circ$  and  $\angle OAB = y^\circ$



i.  $\angle x =$  \_\_\_\_\_

ii.  $\angle y =$  \_\_\_\_\_

7. State if the value of the given expressions will be even or odd

i.  $2a - 4b =$  \_\_\_\_\_

ii.  $6p - 3 =$  \_\_\_\_\_

8. i. The smallest multiple of 9 with no odd digits is \_\_\_\_\_

ii. The multiple of 6 that is closest to 5000 is \_\_\_\_\_

9. Say True or False

i. The sum of four consecutive numbers is even. \_\_\_\_\_

ii. If 'a' divides M and 'a' divides N then 'a' does not always divides M+N.

\_\_\_\_\_

10. Solve the cryptarithm, if P, Q, R, S are different numbers.

$$PQ \times 8 = RS$$



Section B (3 x 10 = 30)

11. If  $1+3+5+\dots = 225$
- i. Sum of how many odd numbers is 225? \_\_\_\_\_
  - ii. What will be the 16<sup>th</sup> odd number? \_\_\_\_\_
  - iii. Given that  $15^2 = 225$  then  $16^2 =$  \_\_\_\_\_
12. Find the smallest number by which 9408 must be multiplied so that the product is a perfect square. Also, find the square-root of the product.
13. Compute successive differences over levels for perfect cubes until all the differences at a level are the same.



14. Find without calculating.

i.  $17^3 - 16^3 =$  \_\_\_\_\_

ii.  $43^2 - 42^2 =$  \_\_\_\_\_

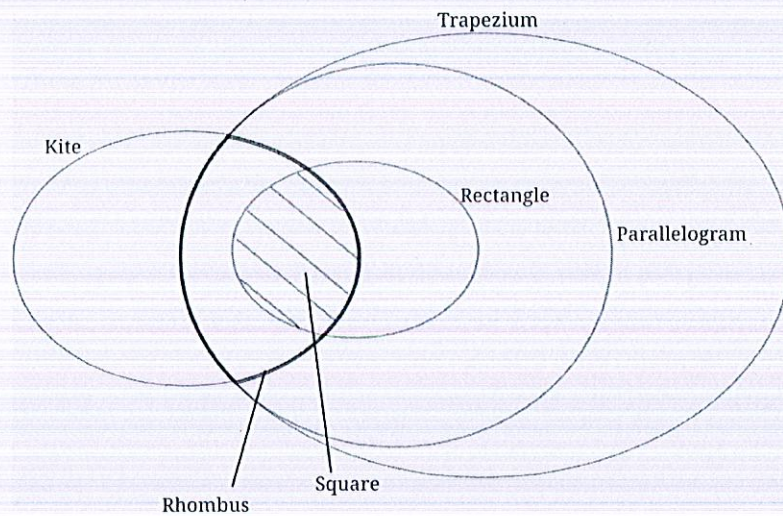
15. Use the power line of 4 and find the following

i.  $\frac{65536}{64} =$  \_\_\_\_\_

ii. How many times is 16384 is larger than 1024? \_\_\_\_\_

iii.  $4096 \times \frac{1}{16} =$  \_\_\_\_\_

16. Answer from the given Venn diagram.



i. \_\_\_\_\_ is a quadrilateral that is both a kite and a parallelogram.

ii. Is every kite a rhombus? \_\_\_\_\_

iii. \_\_\_\_\_ is a regular quadrilateral.



17. The digital root of a number is 5.

- i. What will be the digital root of 10 more than that number?
- ii. Write an example to justify your answer.

18. Expand  $(a + b)(a^2 + 2ab + b^2)$

19. If  $48a23b$  is a multiple of 18, list all the possible pairs of values for  $a$  and  $b$ .

20. What number will you multiply by 1323 to make it a cube number? Also find the cube root of the number obtained.

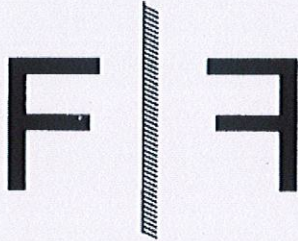




**SECTION A**

**(1 × 6 = 6 marks)**

1. The SI unit of electric current is \_\_\_\_\_.
2. Name the phenomenon shown in the figure.



3. A device that converts electrical energy into heat energy is \_\_\_\_\_.
4. Which of the following is a non-contact force?
  - a. Friction
  - b. Muscular force
  - c. Gravitational force
  - d. Air resistance
5. If for any plane mirror the angle of incidence is  $45^\circ$ , what will be the angle of reflection?
  - (a)  $30^\circ$
  - (b)  $45^\circ$
  - (c)  $60^\circ$
  - (d)  $90^\circ$
6. Which of the following appliances works on the heating effect of electric current?
  - a. Electric motor
  - b. Electric bell
  - c. Electric heater
  - d. Speaker

**SECTION B**

**(3 × 2 = 6 marks)**

Answer the following questions (2 marks each):

1. What is meant by magnetic effect of current? Give one example.

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**CHEMISTRY**

**SECTION A**

(4x 1 =4)

1. Conversion of solid to gas without going through liquid state is called \_\_\_\_\_
2. Salt water is a \_\_\_\_\_ mixture
3. The intermolecular space is maximum in \_\_\_\_\_ and interatomic attraction is maximum in \_\_\_\_\_.
4. Two examples for green house gases are \_\_\_\_\_ and \_\_\_\_\_

**SECTION B**

(4 x 2 = 8)

1. What is deposition ? List two examples for substances that can undergo depositi

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2. Distinguish between compounds and molecules with examples

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3. Why is the upper meniscus considered in measuring cylinder for coloured solutions

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**BIOLOGY**

1. Name the scientist who observed living cell like blood cell for the first time. 1

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2. Identify the microorganism: 1

I live in the roots of pulse crops and provide nutrients for their growth.

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3. The major component of biogas is: CO<sub>2</sub> / Methane/ Hydrogen 1

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4. What is the causative organism of typhoid? 1

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5. Define: Parasite 1

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6. List out the various levels of organisation in a multicellular organism. 2

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7. Suggest any four ways to prevent spread of tuberculosis. 2

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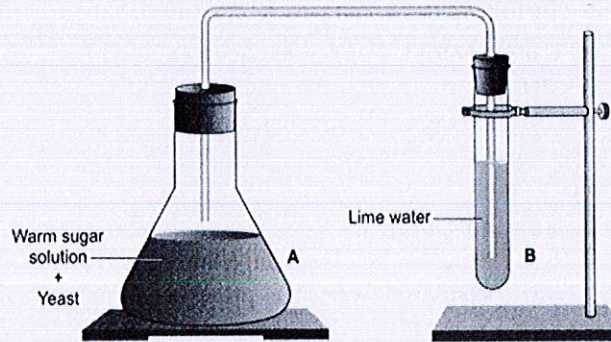
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8. Observe the set up given and answer the following questions:

2



- i) What happens to the sugar solution in flask A?
- ii) What do you observe in test tube B after four hours?

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- 9. a) Write any three differences between plant and animal cells.
- b) Draw a neat labelled diagram of a plant cell.

5