

HOLIDAYS HOME WORK

CLASS – IX

PUNJABI :-

- ਜੁਲਾਈ ਪਰੀਖਿਆ ਲਈ ਦਿੱਤਾ ਗਿਆ ਪਾਠਕ੍ਰਮ ਯਾਦ ਕਰੋ।
- ਵਿਆਕਰਨ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੇ ਅਣਡਿੱਠੇ ਪੈਰਿਅਾਂ ਦਾ ਅਤੇ ਕਾਵਿ-ਟੁਕੜੀਆਂ ਦਾ ਅਭਿਆਸ ਕਰੋ।
- ਜੁਲਾਈ ਸਿਰਜਣਾਤਮਕ ਗਥੀਵਿਧੀ : ਗੱਤੇ, ਪੁਰਾਣੇ ਕੱਪੜੇ ਜਾਂ ਨਾ-ਵਰਤੋਂਯੋਗ ਸਮਾਨ ਤੋਂ ਕੋਈ ਵੀ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਸਤੂ ਦਾ ਨਮੂਨਾ ਬਣਾਉਣਾ , ਜਿਵੇਂ : ਪੱਖੀਆਂ, ਚਰਖਾ, ਚਾਟੀ-ਮਧਾਣੀ, ਮੰਜਾ-ਪੀੜ੍ਹੀ, ਪੰਜਾਬੀ ਪੁਸ਼ਾਕ, ਭੰਗੜੇ-ਗਿੱਧੇ ਦੀ ਪੁਸ਼ਾਕ, ਸਜਾਵਟੀ ਸਮਾਨ, ਖੇਤੀ ਦੇ ਸੰਦ ਆਦਿ।
- ਚਿੱਤਰ ਵਰਣਨ : ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਦੇ ਅਦਾਰ 'ਤੇ ਆਪਣੀ ਪੰਜਓਬੀ ਦੀ ਕਾਪੀ ਵਿੱਚ 50-60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਵਰਣਨ ਕਰੋ :
 1. ਸਫਾਈ ਅਭਿਆਨ
 2. ਮੋਬਾਈਲ ਫੋਨ
 3. ਵਾਤਾਵਰਨ ਦੀ ਸੁਰੱਖਿਆ
 4. ਅਨੁਸ਼ਾਸ਼ਨ
 5. ਯੋਗ ਕਰੋ/ਕਸਰਤ ਕਰੋ
 6. ਸਕੂਲ ਦੀ ਸਵੇਰ ਦੀ ਸਭਾ
 7. ਗੁਰਪੁਰਬ
 8. ਫਾਸਟ ਫੂਡ ਦੇ ਨੁਕਸਾਨ
 9. ਪਾਣੀ ਬਚਾਓ
 10. ਰੁੱਖ ਉਗਾਓ

SST- Plant a sapling and make a report regarding this as a topic of source conservation. Revise syllabus of July test.

ENGLISH -1. Revise the syllabus given for Periodic Test-I to be held in the month of July.

2. MINI PROJECT

STEPS

1. Approach a local gardener for an interview.
2. Prepare questions focussed on understanding the practical aspects of gardening.
3. Write a summary of your experience.
4. Solve the worksheets and Assignments which will be sent in your class group

MATHS –

Part A: General Instructions & Projects

1. Write activity No 1 to 10 in a practical file.
2. Make a project on the data interpretation on various aspects of Punjab and Andhra Pradesh.
3. Solve the given assignment completely.
4. Revise Chapter 1, 2 and 3 thoroughly:
 - Chapter 1: Orienting yourself: The use of Coordinates
 - Chapter 2: Introduction to linear Polynomial
 - Chapter 3: The world of Numbers

Part B: Assertion-Reason Type Questions

Directions: In the following questions (Qs 1-4), a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
- (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

1. Assertion (A): Point A(-2, -6) lies in III quadrant.

Reason (R): A point both of whose coordinates are negative lies in III quadrant.

2. Assertion (A): The abscissa of a point (4, 3) is 4.

Reason (R): The perpendicular distance of a point from y-axis is called its abscissa.

3. Assertion (A): The point (7, 0) lies on y-axis.

Reason (R): The y-coordinate of the point on x-axis is zero.

4. Assertion (A): Point (5, -3) lies in IV quadrant.

Reason (R): The perpendicular distance of a point from y-axis is called its abscissa.

Part C: Number System Assignment

5. Identify $\sqrt{48}$ as rational or irrational number.

6. Which of the following statements are true or false?

- (i) $(7 + \sqrt{7})(7 - \sqrt{7})$ is not a rational number.
- (ii) $(5 + \sqrt{3})^2$ is a rational number.
- (iii) The product of a non-zero rational number and an irrational number is an irrational number.
- (iv) The difference of a rational number and an irrational number is an irrational number.
- (v) The quotient of a rational number and an irrational number is an irrational number.

7. Give three examples to show that square roots of all the positive integers are not always irrational.

8. Fill in the blanks:

- (i) The decimal form of an irrational number is neither _____ nor _____.
- (ii) 3.7777... when expressed in the form p/q is _____.
- (iii) The product of $\sqrt{27}$ and $\sqrt{3}$ is _____ which is a _____ number 9.
- (iv) An irrational number cannot be written in the form _____, where p and q are both integers and $q \neq 0$.
- (v) Sum of the irrational numbers $\sqrt{3}$ and $-\sqrt{3}$ is _____, which is a _____.
- (vi) The product of $\sqrt{3}$ and $\sqrt{5}$ is $\sqrt{15}$, which is an _____.

Part D: Case Study Based Questions

Case Study I

The class IX was divided into two groups for discussion on the topic of Coordinate Geometry. Both the groups had prepared lots of questions and their answers. Some parts of the questions are shown here. So you are required to answer them.

9. The coordinates of the point which lies on x-axis at a distance of 4 units in the negative direction of x-axis is:
(i) (0, 4) (ii) (4, 0) (iii) (-4, 0) (iv) (0, -4)
10. The quadrants in which abscissa and ordinate are equal are:
(i) I and II quadrants (ii) II and III quadrants
(iii) I and III quadrants (iv) III and IV quadrants
11. Which one of the following is the sign of abscissa and ordinate of a point in the third quadrant respectively?
12. On plotting the points O(0, 0), A(4, 0), B(4, 4), C(0, 4), and joining OA, AB, BC and CO which of the following figures is obtained?
13. Write the coordinates of the point which lie on both x and y axes.

Case Study II

On Parents-Teacher (PT) meeting day, maths teacher made a complain against Rahul to his parents that Rahul is not fair in mathematics particularly on the topics Coordinate Geometry. Rahul could not object his teacher. He simply smiled and requested his teacher to give him a test paper to solve in front of his parents. The teacher gave a test paper to Rahul and asked him to solve it quickly and return him. The questions in the test paper are as follows:

14. A point lies on x-axis at a distance of 6 units from the y-axis. Its coordinates are:
(i) (0, 6) (ii) (6, 0) (iii) (-6, 0) (iv) (0, -6)
15. The name of the figure obtained by joining the points P(-6, 2), Q(-6, 0), R(0, 0) and S(0, 2) is:
(i) Rectangle (ii) Rhombus (iii) Square (iv) Trapezium
16. Find the coordinates of a point whose ordinate is -5 and which lie on y-axis.
17. Find the coordinates of a point whose abscissa is -6 and which lie on x-axis.
18. Points P(4, 4), Q(-2, 4) and S(4, -2) are three vertices of a square PQRS. Find the coordinates of the vertex R.

Case Study III

In a classroom, 4 friends are seated at the points A, B, C and D as shown in the grid. Rupa and Rupali walk into the class and after observing for a few minutes Rupa asks Rupali, some questions which are as follows:

19. Coordinate of A is:
(a) (4, 3) (b) (3, 0) (c) (1, 4) (d) (3, 4)
20. Coordinate of D is:
(a) (6, 1) (b) (1, 6) (c) (2, 6) (d) (6, 2)
21. Find the distance AB.
22. What is the length of diagonal AC?
23. What is the shape of ABCD?

SCIENCE

- Make a Project File on Art Integrated of Punjab and Pairing state (Andra Pradesh)
- Make a Practical Files (science)
- Revise chapters and do practice.

HINDI

1. अपठित गद्यांश कोई पाँच solve करके लिखें
2. पठित गद्यांश कोई पाँच solve करके लिखें
3. अनुच्छेद लेखन : विद्यार्थियों पर दूरदर्शन का प्रभाव
बढ़ते उद्योग कटते वन
मेरा भारत महान
नैतिक मूल्यों का हास
बाल मजदूरी
4. पत्र लेखन : (i) अपने मित्र को बाढ़ के कारण हुए नुकसान पर सहानुभूति प्रकट करते हुए पत्र
(ii) विपत्ति के समय आर्थिक सहायता देने पर मित्र को धन्यवाद पत्र लिखें।
(iii) राष्ट्रपति द्वारा वीर बालिका पुरस्कार से सम्मानित होने पर बहन को बधाई पत्र लिखें।
(iv) अपने कुछ नए मित्रों की विशेषताएँ बताते हुए अपनी माता जी को पत्र लिखें।
(v) अपने छोटे भाई को कुसंगति से बचाने के लिए पत्र लिखें।
5. पाठ्य पुस्तक :-
दो बैलों की कथा , रीढ़ की हड्डी , क्या लिखूं , स्वादहीन , रैदास के पद , झाँसी की रानी , घर की याद
प्रश्न - उत्तर और पाठ्य संबंधी
- बहुविकल्पीय प्रश्न
- लघुतरीय प्रश्न
- दीर्घ उत्तरीय प्रश्न
- दक्षता आधारित प्रश्न
- आकलन संबंधी प्रश्न

व्याकरण
6. संवाद लेखन किसी पाँच विषयों पर
7. समानार्थी शब्द Grammar वाले सभी
8. संज्ञा, सर्वनाम छाँटकर रेखांकित करें 20-20 वाक्य
9. निपात Grammar में से सभी