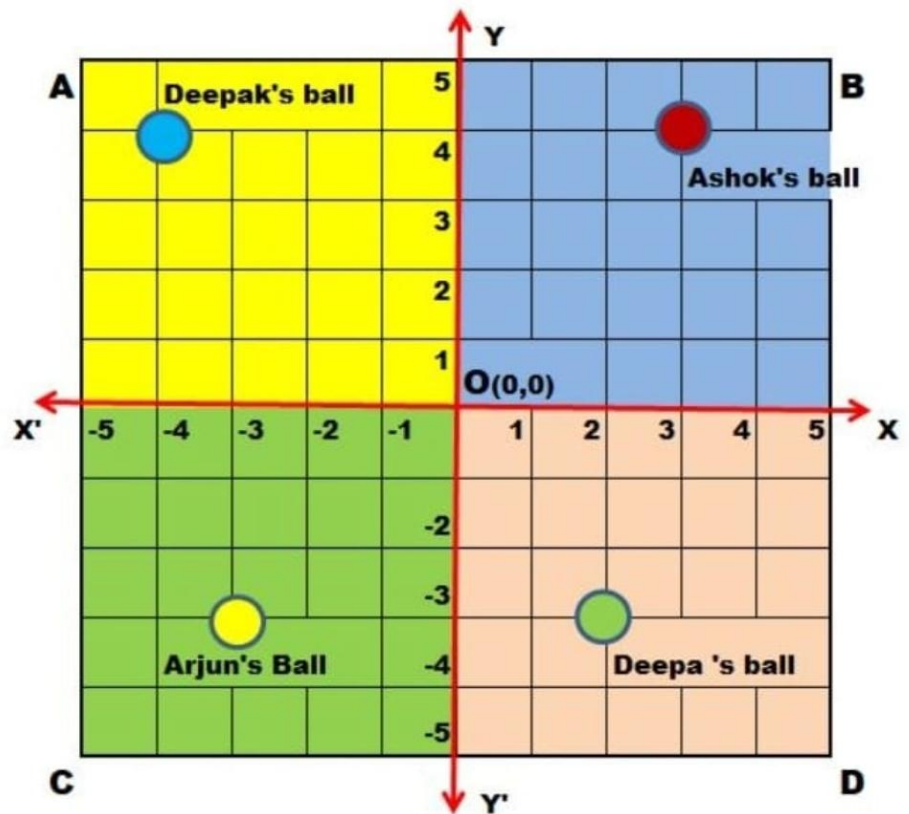




N.K.BAGRODIA PUBLIC SCHOOL, ROHINI
HOLIDAYS HOMEWORK
SESSION : 2023 - 2024
CLASS : IX

| Subject | Topics |
|---------|--|
| ENGLISH | <div data-bbox="423 436 1052 1115" data-label="Image"></div> <p>“Newspapers are the Bibles of worldlings. How diligently they read them! Here they find their law and profits, their judges and chronicles, their epistles and revelations.”</p> <p>Newspapers are an indispensable tool of knowledge. To instill the habit of reading the same, design your e-newspaper with an attractive name. It should deal with the information on Andaman and Nicobar Islands. It should have the following table of contents:</p> <ol style="list-style-type: none">1. Popular culture2. Art and Architecture3. Cuisine4. Flora and Fauna5. Economy6. Education7. Infrastructure <p>The aforementioned elements can be dwelt with using:</p> |

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|--------------------|---|
| | <p>1.Riddles 2. Crossword puzzles 3. Tongue Twisters 4. Articles 5. Advertisements</p> |
| HINDI | <p>लक्षद्वीप,अंदमान -निकोबार द्वीप समूह और दिल्ली का तुलनात्मक अध्ययन निम्नलिखित बिंदुओं के आधार पर करते हुए एक आकर्षक विवरणिका (brochure)बनाइए :</p> <p>*रहन-सहन *पर्यटन *कला व संस्कृति,आभूषण *आदि मानव जाति तथा उसका इतिहास</p> |
| SANSKRIT | <p>संधि - स्वर - दीर्घ, गुण, वृद्धि, यण, अयादि + व्यञ्जन सन्धि + विसर्ग सन्धि संख्या - 1 से 100 (1, 2, 3, 4 त्रिषु लिङ्गेषु, केवलं प्रथमा विभक्तिः) शब्दरूप - बालक, कवि, साधु, भवत् (पुं), लता, नदी (स्त्री), फल (नपुं). अस्मद् युष्मद् (उभयलिङ्ग), तत् किम् (त्रिषु लिङ्गेषु) धातुरूप - परस्मैपदी - √भू, नम्, गम्, अस्, प्रच्छ, कृ, √ज्ञा, √क्षाल्, नी (पञ्चसु लकारेषु) आत्मनेपदी - √सेव्, √लभ्, रुच् (केवलं लट् लृट् लकारयोः) अव्यय - स्थानबोधकानि - अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र > कालबोधकानि - यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः > प्रश्नबोधकानि किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् अन्यानि - च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव [परियोजना 1 - व्याकरण से सम्बंधित प्रदत्त विषयों पर, नियमों व उदाहरणों का निरूपण करते हुए पी. पी. टी. बनाएं। इस कार्य के लिए 10 अंक निर्धारित हैं]</p> |
| FRENCH | <p>1.Read the newspaper on daily basis , and take out 20 Nouns and Translate the same to French using article defini . 2. Take 3 articles from the newspaper and Translate the same to French</p> |
| MATHEMATICS | <p>A. Case studies provide students with scenarios in which they can begin to think about their understanding and solutions to problems found in real-world situations. Case studies will challenge students' critical thinking and problem solving skills in a safe and open learning environment. Hence, the children are required to read the following case studies and solve them:</p> <p><u>Case Study - 1</u></p> <p>There is a square park ABCD in the middle of Saket colony in Delhi. Four children Deepak, Ashok, Arjun and Deepa went to play with their balls. The colours of the ball of Ashok, Deepak, Arjun and Deepa are red, blue, yellow and green respectively. All four children roll their ball from the center point O in the direction of XOY, X'OY, X'OY' and XOY'. Their balls stopped as shown in the above image.</p> |

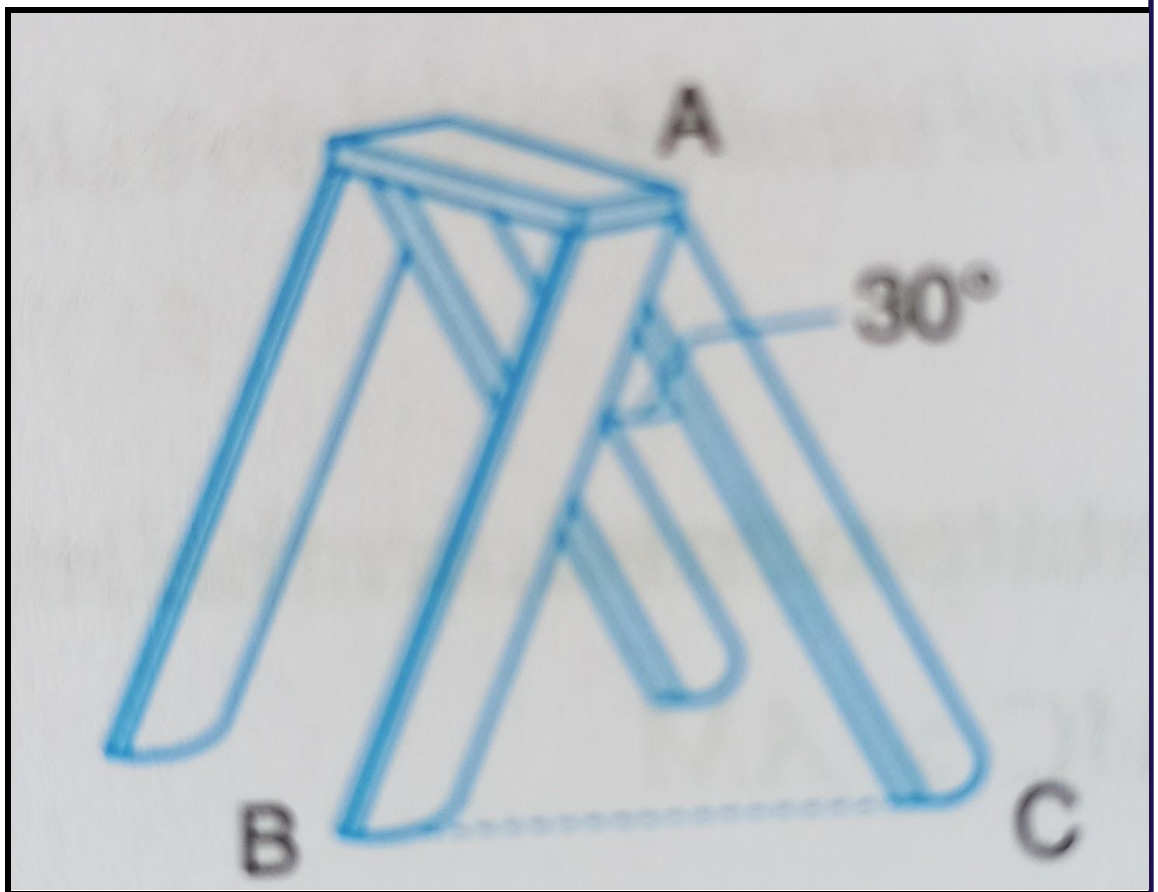


Based on the above information answer the following questions:

- Find the coordinates of the ball of Deepa.
- Find the ordinate of the ball of Arjun.
- Find the distance between Arjun's and Deepa's ball.
- Find the distance between Deepak's and Ashok's ball.

Case Study-2

A ladder manufacturing company manufactures foldable step ladders of aluminum as shown in the figure. The lengths of the legs are equal to 110 cm and the angle between the two legs is 30° . On the basis of the above information answer the following questions:



Based on the above information answer the following questions

- Find the value of $\angle ABC$.
- Which type of triangle is $\triangle ABC$?
- Find the length of the side AC.
- How many total legs are there of 5 such ladders?

B. Choose any topic of the following and make a case study on it.

- **Number System**
- **Polynomials**

C. Do the worksheets of Number System and Polynomials.

SCIENCE

- 1.Reelmania-Reels/shortz on: youth fitness
- 2.Physics -assignment 2
- 3.Chemistry-assignment 2
- 4.Biology-assignment 2

SOCIAL SCIECE

"PROJECT: DISASTER MANAGEMENT

"Disasters are unaware of political boundaries, maybe of a state or a country."

OR

"We cannot stop natural disasters but we can arm ourselves with knowledge; so many lives wouldn't have to be lost if there was enough disaster preparedness."

HIGHLIGHTS OF THE PROJECT:

| | |
|------------|--|
| | <ul style="list-style-type: none"> • Natural/ manmade disasters in India. • Vulnerability and risk Natural disaster mitigation and management • Statistical and graphical presentation <p>METHODOLOGY</p> <ul style="list-style-type: none"> • 10 to 15 A4 sheets, compiled as a single file. <p>OR</p> <ul style="list-style-type: none"> • 15 to 20 slides of PPT presentation. • The project should be creative. • Make good use of pictures, newspaper clippings, graphs, etc. • PS: Any other innovative method of online submission is welcomed but shall be first discussed with the respective teacher. <p>CONTENT</p> <ul style="list-style-type: none"> • Cover page • Name,Class & section • Acknowledgment • Index • Introduction • Main content (chosen natural or manmade disaster coupled with pics, diagrams. • Statistical and graphical presentation through graphs, newspaper cuttings, Government orders, etc.. • References / Bibliography" |
| ART | Make 1 Modern Art painting on A3 size sheet with any colour |
| IT | Make a project /PPT on the topic communication cycle. |