



# ***BRILLIANTS' CONVENT***

**Class IX**

**2025-26**



**SUMMER HOLIDAY  
HOMEWORK**

## **GENERAL INSTRUCTIONS (FOR ALL SUBJECTS):**

- Section A will do the task based on Andaman and Nicobar Islands.
- Section B will do the task on Sikkim.
- Section C will do the task on Lakshadweep Islands.
- A question based on NEP 2020 (remaining questions) is compulsory for all students.

## **ENGLISH**

### **1. “News Bulletin” – Create Your Own Newspaper Front Page**

**Objective:** To build skills in formal writing, creativity, and formatting through a simulated real-world task.

**Task:** Create a newspaper Front Page as if you are a journalist reporting from Andaman and Nicobar Islands/ Sikkim / Lakshadweep.

**Instructions:**

Design a newspaper’s front page (on an A3 or A4 size sheet).

Include at least 3 articles, such as:

A travel feature describing the beauty of the island or state.

An interview with a local (imagined or researched)

A headline story (e.g., “Rare Turtle Sighting on Radha Nagar Beach!”)

Add pictures, headlines, bylines, and captions like a real newspaper.

Use at least 5 idioms naturally in your articles.

Bonus: Add a “Word of the Day” section with an island/state related word and its meaning.

**2.** Write a paragraph describing the following prominent personalities in about 150 words on an A3 size colored sheets with pictures or illustrations.

I. ROLL No 1-15 Evelyn Glennie (Refer lesson 2 in Beehive)

II. ROLL No. 16-30 APJ Abdul Kalam (Refer lesson 6 in Beehive)

III. ROLL No. 31-40 Santosh Yadav (Refer lesson 8 in Beehive)

IV. ROLL No.41-47 Maria Sharapova (Refer lesson 8 in Beehive)

**3.** Make an attractive poster reflecting the differences between features of old schools and Margie’s School.

## हिंदी

1) साक्षात्कार (Interview): कल्पना कीजिए कि आप अंडमान- निकोबार /लक्षद्वीप / सिक्किम के किसी स्थानीय निवासी या किसी पर्यटक का साक्षात्कार ले रहे हैं। उस साक्षात्कार को प्रश्नोत्तर के रूप में हिंदी में लिखिए, जिसमें आप उनके अनुभव, विचार और प्रसिद्ध पर्यटक स्थल के बारे में उनकी राय जान सकें।

उदाहरण के तौर पर :

आप: "नमस्ते! आपका स्वागत है। क्या आप हमें सिक्किम के बारे में कुछ बता सकते हैं?"

पर्यटक: "धन्यवाद! सिक्किम एक अद्भुत जगह है। यहाँ के बीच बहुत शांत और सुंदर हैं, और यहाँ की प्राकृतिक सुंदरता लाजवाब है।"

2) एक विद्यार्थी और शिक्षा मंत्री के बीच काल्पनिक संवाद लिखिए, जिसमें विद्यार्थी NEP 2020 से जुड़े अपने सुझाव और सवाल पूछता है, और मंत्री उत्तर देते हैं।

3) कराए गए पाठ्यक्रम का पुनःभ्यास कीजिए।

## MATHS

1. Andaman and Nicobar Islands/ Sikkim / Lakshadweep is a place of natural beauty with a plethora of fish species which you don't even know until today. Sheer Joy of ogling and comprehending the nature's most stunning creation i.e., the fishes is one of the advantage of the Andaman and Nicobar Islands/ Sikkim / Lakshadweep.

Prepare a project report on the different fish found in Andaman and Nicobar Islands/ Sikkim / Lakshadweep . This report should cover following points  
A) Brief description of all types of fish of Andaman and Nicobar Islands/ Sikkim / Lakshadweep  
B) Collect the information on the average production of different types of fish in a month and represent it by pie chart, bar graph and pictograph.

2. Describe about real numbers, classification of real numbers with decimal format and 5 examples for every group of numbers.
3. Describe about polynomial, classification of real polynomial and 2 examples for every group of polynomials.

4. Use a square root spiral to make an art integration project in which you will explain how you have used it. (reference picture attached)



## SCIENCE

**Mission:** You are an explorer visiting the mysterious and breath-taking Andaman and Nicobar Islands/ Sikkim / Lakshadweep . Your adventure will take you through history, culture, nature, and conservation efforts. Complete the following tasks as part of your **Explorer's Journal!**

### **Activity 1:**

**Create an artificial ecosystem (e.g. aquarium)** Choose five unique species found in Andaman and Nicobar Islands/ Sikkim / Lakshadweep and create **"Wanted" posters** detailing their habitat, threats, and why they are special.

## REFERENCE PICTURE



### Activity 2:

**Compare the chemical composition of sea water** in Andaman and Nicobar Islands/ Sikkim / Lakshadweep Islands. Add: Diagrams of salt extraction, TDS (Total Dissolved Solids) levels, Differences in pH levels or mineral content if available, short explanation of desalination methods.

### Activity 3:

Graphs are very powerful method of presenting the information. Plan to go on a trip with your family (Trip act can be performing in nearby area). Take recording of odometer and speedometer after every 10 minutes, till you reach your destination. Record this observation in tabular form: 1. Plot graph between: a. distance- time and b. Speed- time. 2. From the graph calculate a. instantaneous speed/velocity b. the distance covered, c. acceleration 3. Study the nature of the graph and check whether the motion is uniform or non-uniform.



## **SOCIAL SCIENCE**

1. Choose one tribe from Andaman and Nicobar Islands/ Sikkim/ Lakshadweep and create a fact file about them. Include their lifestyle, food, dress, current challenges, and interesting facts.
2. Prepare a Map Book using the political maps of India. You are required to mark and label the following maps as per the list provided in the table below. Each map must be plotted on a separate political map and properly labelled. Use an index on every map for clarity.

**LIST OF MAPS**

| S. No. | Subject   | Name of the Chapter                            | List of Areas to be located /labeled/identified on the map                                                                                                                                                                                                                                                                                                                                                               |
|--------|-----------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I      | History   | French Revolution                              | Outline political map of France. Locate/label/identify.<br>• Bordeaux, Nantes, Paris and Marseille                                                                                                                                                                                                                                                                                                                       |
|        |           | Socialism in Europe and the Russian Revolution | Outline political map of the World. Locate/label/identify Major countries of First World War: Central Powers: Germany, Austria-Hungary, Turkey (Ottoman Empire).<br>Allied Powers – France, England, Russia and USA                                                                                                                                                                                                      |
|        |           | Nazism and the Rise of Hitler                  | Outline Political Map of World. Locate/label/identify Major countries of Second World War Axis: Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA                                                                                                                                                                                                                                              |
| II     | Geography | India : size and location                      | <ul style="list-style-type: none"> <li>• India – States and Capitals</li> <li>• Tropic of Cancer, Standard Meridian (Location and Labeling)</li> <li>• Neighbouring Countries</li> </ul>                                                                                                                                                                                                                                 |
|        |           | India physical features                        | <ul style="list-style-type: none"> <li>• Mountain Ranges : The Karakoram, The Zaskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and Eastern Ghats</li> <li>• Mountain Peaks – K2, Kanchan Junga, Anai Mudi</li> <li>• Plateau – Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau</li> <li>• Coastal Plains – Konkan, Malabar, Coromandel &amp; Northern Circar (Location and Labelling)</li> </ul> |
|        |           | Drainage system                                | Rivers (Identification only) <ul style="list-style-type: none"> <li>• The Himalayan River Systems – The Indus, The Ganges and The Sutlej</li> <li>• The Peninsular Rivers – The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi</li> <li>• Lakes – Wular, Pulicat, Sambhar, Chilika</li> </ul>                                                                                                    |
|        |           | Climate                                        | <ul style="list-style-type: none"> <li>• Annual rainfall in India, Monsoon wind direction</li> </ul>                                                                                                                                                                                                                                                                                                                     |
|        |           | Population                                     | <ul style="list-style-type: none"> <li>• Population density of all states</li> <li>• The state having highest and lowest density of population</li> </ul>                                                                                                                                                                                                                                                                |

3. Choose one recent natural disaster in India (e.g., 2004 tsunami in Andaman & Nicobar, Kerala floods, Uttarakhand floods, etc.) and create a project covering its causes, impacts, government response, and lessons learned.
4. Read and revise the syllabus done so far.

## **Artificial Intelligence**

**All the following activities are part of the internal assessment. For this student will be assessed.**

**Submit your holidays homework at : [bcshhw2025@gmail.com](mailto:bcshhw2025@gmail.com) ( mention your name, class and section in subject line.**

### Activity 1:

Write the **following python programs** in IDLE platform. After **coding execute** the program and take the screenshot of each error free code with its **output**. **Get the print outs and submit in a strip file** in the mentioned order.

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRINT</b> | <ul style="list-style-type: none"><li>• To print personal information like Name, Father's Name, Class, School Name.</li><li>• To print the following patterns using multiple print commands-</li></ul>  <ul style="list-style-type: none"><li>• To find square of number 7</li><li>• To find the sum of two numbers 15 and 20.</li><li>• To convert length given in kilometers into meters.</li><li>• To print the table of 5 up to five terms.</li><li>• To calculate Simple Interest if the principle_amount = 2000 rate_of_interest = 4.5 time = 10</li></ul> |
| <b>INPUT</b> | <ul style="list-style-type: none"><li>• To calculate Area and Perimeter of a rectangle</li><li>• To calculate Area of a triangle with Base and Height</li><li>• To calculating average marks of 3 subjects</li><li>• To calculate discounted amount with discount %</li><li>• To calculate Surface Area and Volume of a Cuboid</li></ul>                                                                                                                                                                                                                                                                                                           |

### Activity 2:

Make a video on Andaman and Nicobar Islands/ Sikkim / Lakshadweep . (Hint: food, culture, traditional dress, location, flora and fauna etc.) (use any free AI tool.).

### Activity 3:

**AI and Fun:** Play/Observe the given AI Games/Experiments to learn and understand how AI works. Share highest point scored in each game.

- <https://research.google.com/semantis/>  
(use the above link and play Arcade to think and type fast and share your highest score)
- <https://experiments.withgoogle.com/quick-draw>
- <https://semiconductor.withgoogle.com/>
- <https://www.scroobly.com/>
- <https://emojiscavengerhunt.withgoogle.com/>
- <https://experiments.withgoogle.com/bird-sounds>
- <https://code.org/oceans>