

**SONA MODERN PUBLIC SCHOOL**  
**HOLIDAY HOMEWORK (2023-24)**  
**CLASS-X**

**ENGLISH**

Letter Writing has been deemed as one of the most useful forms of communication and is used for various reasons. Write an importance of letter and its kinds. Also give the Format Of A Formal Letter.

Write Four types of Formal Letters:

- a) Letter To The Editor
- b) Enquiry letter
- c) Letter for Placing An Order
- d) Complaint Letter

What are Literary Devices in English Literature? Given below is a list of Literary Devices. Explain each of them by giving suitable examples from the poems given in your syllabus.

1. Simile
2. Metaphor
3. Oxymoron
4. Hyperbole
5. Repetition
6. Alliteration
7. Personification
8. Allusion
9. Onomatopoeia
10. Irony

Subject Enrichment Activity: Write a day wise diary in 250 words detailing your summer vacation schedule.

Complete the following task given from your Bravia

Reading Section : Comprehension Passage ( Factual & Discursive Passage)

Worksheets : 9, 11, 13, 14 & 17

Writing Section : Worksheets 31, 32, 33, 34 , 35, 42, 43, & 46

Integrated Grammar : Worksheets 49, 50, 58, 61, 64, 65, 66, 67, 72, & 73

Task For Portfolio

Poetry comes from inspiration. Be a poet and compose a short poem of your choice using creativity and imagination.

Creation with Proverb

Describe any one of the following Proverb in your own words .You should also add pictures to make it creative.

\* The pen is mightier than a sword

\* No pain no gain

\* All's well that ends well

Do Worksheets given in "Bravia Holiday Package" as your Portfolio.

Revise the syllabus done till date of First Flight, Foot Prints Grammar & Writing Skills for the Periodic Assessment-1

Note: \* Do Q. 1, 2, 3 & 4 in your Grammar Notebook.

**ART INTEGRATED ACTIVITY**

Based On Lakshadweep or Andaman and Nicobar Islands

There is a list of topics related to Art Integrated Activities. Do your AIA in a separate file on the topic given below according to your Roll No.

Present a Report via video / pictures, cut outs & photo Collage on Culture and Tradition of Lakshadweep or Andaman and Nicobar Islands. (Roll no 1& 2)

Present a Puppet Show / Dramatization with the help of Props on the folk Tales of Lakshadweep or Andaman and Nicobar Islands via video OR Picture Description. (Roll No. 3 & 4)

Interview with Famous Personality or Celebrity of Lakshadweep or Andaman and Nicobar Islands through Dialogue Writing along with their pictures. (Roll No 5 &6)

Presentation via video / Pictures, Cut outs & Photo Collage on Traditional Songs / Dances of Lakshadweep or Andaman and Nicobar Islands. (Roll No 7& 8)

Prepare a Report with the help of write up and pictures on the language and literature of Lakshadweep or Andaman and Nicobar Islands showing the traditional books, scriptures, scripts and alphabets.(Roll No 9 to 10)

Write a Diary Entry on the Importance of Tourism in Lakshadweep or Andaman and Nicobar Islands with the help of Cut outs & pictures. (Roll No. 11 & 12)

Prepare a Report with the help of write up and pictures on any two famous Political Personalities of Lakshadweep or Andaman and Nicobar Islands. (Roll No 13& 14)

Make a Pictorial Description on Lakshadweep or Andaman and Nicobar Islands' alphabets (consonants and vowels) OR Make a presentation on three interesting myths about Lakshadweep or Andaman and Nicobar Islands. (Roll No 15& 16)

Prepare a Report on Major Religions & Festivals of Lakshadweep or Andaman and Nicobar Islands with the help of Pictures, Cut outs & Photo Collage. (Roll No 17& 18)

Prepare a Report / an Advertisement or make an Album / Photo Collage on the Top Sites, Famous Tourist Places & Tourism Hotels in Lakshadweep or Andaman and Nicobar Islands (Roll No, 19 & 20)

Write Biography of any two Famous Authors of Lakshadweep or Andaman and Nicobar Islands along with their pictures. (Roll No 21 to 22)

Prepare a Pictorial Description /an Album / Photo Collage on Famous Festivals, Religious Places and Temples of Lakshadweep or Andaman and Nicobar Islands. (Roll No. 23 & 24)

Design the Menu of Famous Food Items & Beverages of Lakshadweep or Andaman and Nicobar Islands. (Roll No. 25 & 26)

Prepare a Report via video on Forests and National Parks in Lakshadweep or Andaman and Nicobar Islands. (Roll No 27& 28)

Present a News Report via video / picture description on Popular Cuisines & Restaurants of Lakshadweep or Andaman and Nicobar Islands. (Roll No.29& 30)

Make a project on mythological story of Lakshadweep or Andaman and Nicobar Islands with pictures.(Roll no 31& 32)

### **HINDI**

(१) प्रेमचन्द द्वारा लिखित कोई अन्य कहानी पढ़े और कहानी का सार अपने शब्दों में लिखें।

(२) पढ़ी गई कहानी में दिए गए मुहावरे और उनके अर्थ चित्र के माध्यम से लिखें।

(३) कहानी से पदबंध पर आधारित पंक्तियों को लिखें और उनके भेद भी बताएं।

(४) आपने कबीर दास तथा मीराबाई दोनों को पढ़ा, भक्ति के आधार पर दोनों की विचार धारा में क्या अंतर दिखाई देता है? अपने शब्दों में लिखें।

(५) अनुच्छेद लिखें

(क) हमारी आने वाली बोर्ड परीक्षा और हमारी तैयारी

(ख) मेरे जीवन के आदर्श व्यक्ति

स्पर्श – पढ़े हुए पाठों से बहुवैकल्पिक प्रश्न बनाइए

एकीकृत शिक्षा एवं परियोजना कार्य

(१) अंडमान निकोबार द्वीप समूह के बारे में कोई पाँच ऐसी जानकारी प्रस्तुत करें जो सबसे अलग और अनोखी हों। ( अनुक्रमांक १-८)

(२) अंडमान निकोबार द्वीप समूह का प्राचीन इतिहास और तत्कालीन स्थिति का तुलनात्मक अध्ययन प्रस्तुत करें। (अनुक्रमांक ९-१६)

(३) पाठ्यपुस्तक में दिए गए 'ततारा वामीरो कथा' पाठ के आधार पर अंडमान निकोबार द्वीप समूह की भौगोलिक और सांस्कृतिक परिवेश का वर्णन करें। (अनुक्रमांक १७-२४)

(४) भारत के मानचित्र पर अंडमान निकोबार को दर्शाएँ और वहाँ की राजनैतिक स्थिति, अर्थ व्यवस्था, मुद्रा और आस पास के भौगोलिक वातावरण का संक्षिप्त परिचय दें। ( अनुक्रमांक २५-३२)

### **MATHS**

Q1. Do 15 questions each from chapter Real Numbers, Polynomials, Linear Equations and Statistics (from Prachi).

Q2. Do activity 1,2,3,7,8,24,12,13,18 from lab activity book in Lab Manual.

Q3. Prepare an Art Integrated Activity (AII) on the topics

Flora and Fauna

Literacy Rate among males and females for last three years.

Monuments

Population (religion wise)

You can use Bar graphs, Pie Chart, Histogram etc to represent your data.

State to be taken:

## **SCIENCE**

### **PHYSICS**

Q1 An object 5.0 cm in length is placed at a distance of 20 cm in front of a convex mirror with a radius of curvature of 30 cm. Find the position of the image, its nature, and size.

Q2 An object of size 7 cm is placed at 27 cm in front of a concave mirror of focal length 18 cm. At what distance from the mirror should a screen be placed, so that a sharp focused image can be obtained ? Find the size and the nature of the image.

Q3 An object 4.0 cm in size, is placed 25.0 cm in front of a concave mirror of a focal length of 15.0 cm.

(i) At what distance from the mirror should a screen be placed in order to obtain a sharp image?

(ii) Find the nature and size of the image.

(iii) Draw a ray diagram to show the formation of the image in this case.

Q4 Project:

Prepare a working model of projector(roll no 1-15)

Prepare a working model of solar oven(roll no 16 onwards)

### **CHEMISTRY**

Q1. Identify the type of chemical reaction and write it's balanced chemical equation:

a)Iron powder and sulphur being heated together

b)Lead nitrate reacting with potassium iodide

c)Zinc granules reacting with dilute sulphuric acid

d)Burning of Copper metal

(E) Aluminium reacting with copper chloride

Q2. Make a project on :(any one)

ACIDS

BASES

DIFFERENT TYPES OF INDICATORS FOR TESTING ACIDS AND BASES

USE CHINA ROSE INDICATOR TO TEST THE NATURE OF LEMON JUICE, DILUTE SHAMPOO, SUGAR SOLUTION, BAKING SODA .

Q3. Balance the following Chemical Equations:

(a)  $\text{HNO}_3 + \text{Ca}(\text{OH})_2 \rightarrow \text{Ca}(\text{NO}_3)_2 + \text{H}_2\text{O}$

(b)  $\text{NaOH} + \text{H}_2\text{SO}_4 \rightarrow \text{Na}_2\text{SO}_4 + \text{H}_2\text{O}$

(c)  $\text{NaCl} + \text{AgNO}_3 \rightarrow \text{AgCl} + \text{NaNO}_3$

(d)  $\text{BaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{BaSO}_4 + \text{HCl}$

(E)  $\text{Al} + \text{HCl} \rightarrow \text{AlCl}_3 + \text{H}_2$

Q4. Name the substances oxidized, reduced, oxidizing and reducing agent in the following equations

(a)  $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$

(b)  $\text{Fe}_2\text{O}_3 + 3\text{CO} = 2\text{Fe} + 3\text{CO}_2$

(c)  $3\text{MnO}_2 + 4\text{Al} = 3\text{Mn} + 2\text{Al}_2\text{O}_3$

(d)  $\text{Fe} + \text{S} = \text{FeS}$

Q5 why is respiration considered an exothermic reaction? Explain Why are decomposition reactions called the opposite of combination reactions.

Q6 What does one mean by exothermic and endothermic reactions? Give examples.

### **BIOLOGY**

Q1 Write two different ways in which glucose is oxidized to provide energy in the human body. Write the products formed in each case.

Q2 How are oxygen and carbon dioxide transported in human beings?

Q3 Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds ?

Q4 Compare alveoli in the lungs and nephrons in the kidneys with respect to their structure and functioning.

Q5 Explain the principle of dialysis with the help of a labeled diagram.

Q6 In a single celled organisms diffusion is sufficient to meet all their requirements of food, exchange of gases or removal of wastes but it is not in case of multicellular organisms. Explain

B Prepare a Power point presentation on any of the following

a)Digestive system

- b)Circulatory system
- c)Excretory System
- d) Respiratory system

Note:1. Write the experiment 2,3,6,7and 10 in your science practical file.

2.Prepare an Art Integrated Activity (AIL) on the given topics:

National Parks of Andaman and Nicobar (roll no 1-15)

Wildlife sanctuaries of Lakshadweep (roll no 16 onwards)

## **SOCIAL SCIENCE**

Economics project ( do any one ) :-

Topics are :

1. Consumer Awareness
2. Social issues
3. Sustainable Development

## **Geography**

ART INTEGRATED PROJECT

\*ART INTEGRATED ACTIVITIES ON Lakshadweep, Andaman and Nicobar Islands on following topics:-

1. History of Andaman & Nicobar(Project)(Roll no 1-5)
2. History of Lakshadweep (Project)( Roll no 6-10)
3. Geographical Pattern of Andaman & Nicobar (Model)( Roll no -11-15)
4. Geographical Pattern of Lakshadweep:(Model )( Roll no -16-20)
5. Political System of Andaman & Nicobar :(Flow chart)( Roll no - 21-25)
6. Political System of Lakshadweep (Poster) ( Roll no- 26-30)
6. Cultural Fusion of Andaman & Nicobar Islands Model ( Roll no- 31-35)
7. Cultural Fusion of Lakshadweep ( Roll no -36 plus )

Instruction -:Use A4 size sheet / Different attractive sheets for project work.

Project file should be presentable

History

Roll No 1to 10: Frédéric Sorrieu Vision of the World

Roll No 11to 20: The French Revolution and the Idea of the Nation

Roll No 21to 30 : New Conservatism after 1815

Roll No 31to 40: The Age of Revolutions: 1830-1848

CIVICS

Read any newspaper for one week and make clippings of news related to ongoing conflicts or Wars.

Do the following

Classified these conflicts by their location (your state, India, outside India) Find out the causes of each of these conflict. How many of these are related to power shadispute

Which of these conflicts could be resolved by working out power sharing arrangement?

## **COMPUTER**

TOPIC:- DIGITAL DOCUMENTATION (Advanced)

ACTIVITY – 1 :-

Learning Outcome - Create and apply styles in digital document

Objective: Using various commands to create styles in OO Writer.

Task: Type a paragraph with at least 100 words and create below given styles as instructed:

1. Heading: Font name: Font name: Times New Roman, Size: 24 , Colour: Red. Give the style name: Dream Heading (Use create style from selection command to create style)
2. Paragraph: Apply Style Text Body from the Style Gallery
3. Quote: Font Name: Broadway, Size:16, Colour: Blue, Alignment: Center. Give the style name: DreamQuot

ACTIVITY – 2 :-

Learning Outcome – Insert and Use Images in digital document

Objective: Inserting images and shapes and rearranging them

Task:

1. Create a new document in OO Writer and Type a paragraph.
2. Insert a picture of your choice.
3. Adjust the picture at top left to the paragraph.
4. Insert some shapes and write additional text into the shapes

ACTIVITY – 3 :-

Learning Outcome - Create and use template

Objective: Creating templates in OO Writer and saving for distribution.

Task:

1. Prepare a template for the application writing format.
2. Apply formatting as required.
3. Set this template as a default template.
4. Change the default template to custom template. Change the formatting as you wish

ACTIVITY – 4 :-

Learning Outcome – Create and Customize Table of Contents

Objective: Create and Customize Table of Contents

Task: Prepare a document with different headings and apply a table of contents to it

ACTIVITY – 5 :-

Learning Outcome – Implement the mail merge

Objective: Implement mail merge

Task: Write a letter to invite your parents and other guests to attend the annual day function of your school and merge them. Create a data source with at least 10 addresses.

(PROJECT WORK) CLASS – X

SUBJECT – INFORMATION TECHNOLOGY (402)

ACTIVITY - 1

( Explain communication, types of communication and 7C's of effective communication.

OR

Create a power point presentation on “Communication and types of communication” containing five slides, insert pictures & apply different types of animation to it. Take print out of the presentation and paste it in your file.

ACTIVITY –2

( Explain different parts of speech (noun, pronoun, adjective, verb, adverb, preposition, conjunction, interjection) with their examples.

OR

Create a power point presentation on “Parts of Speech” containing five slides, insert pictures & apply different types of animation to it. Take print out of the presentation and paste it in your file.

**DRAWING**

1.Object study

Draw any three still life/object drawing (Any Medium)

2. Draw any two Imaginative painting based on subject from life and nature(Water colour)

3. Draw any two beautiful landscape (Any Medium)

4. Make a poster on environment day.

5. Draw any one Indian Folk Art Painting (Any Medium)

**ART AND CRAFTS**

# Best out of waste -- in this activity you have to use only the waste material.

#pencil stand--you will make a pencil stand and decorate it in your own way.

#folder making --you will make a folder and decorate it in your own way.

#Greeting card --you will make a card and decorate it in your own way.

# Andaman and Nicobar Island:-

You will have to create a project file related to Andaman and Nicobar island and that specialty will have to be shown through craft work.