

SONA MODERN PUBLIC SCHOOL  
HOLIDAY HOMEWORK (2023-24)  
CLASS – XI

HISTORY (XI B)

- |  |              |
|--|--------------|
| ➤ Evolutionary aspect of human beings.                 | Roll No - 01 |
| ➤ The Legacy of Mesopotamia civilization               | Roll No - 02 |
| ➤ The Roman Empire                                     | Roll No - 03 |
| ➤ The origin of Islam                                  | Roll No - 04 |
| ➤ Role of Genghis Khan in establishing nomadic empire. | Roll No - 05 |
| ➤ Europe from 13th to 16th century.                    | Roll No - 06 |
| ➤ European voyages and explorations.                   | Roll No - 07 |
| ➤ The Origin of America                                | Roll No - 08 |
| ➤ Case study on China and Japan.                       | Roll No - 09 |
| ➤ Renaissance  | Roll No - 10 |
| ➤ Three Orders in Europe                               | Roll No – 11 |
| ➤ Industrial revolution in Europe                      | Roll No – 12 |
| ➤ Discovery of Australia                               | Roll No – 13 |

**FINAL PRESENTATION/LAYOUT OF THE PROJECT**

- Section 1: History Project (Title of the Project)  
Name: School: Year: Roll no.:
- Section 2: Certificate of authenticity (To be pasted)  
Teacher's Signature
- Section 3: Index
- Section 4: Acknowledgement (Acknowledging the institution, the place visited and the person who has helped.)
- Section 5: Preface: Problem Statement/Objective of the project
- Section 6: Introduction: (Objective/learning outcomes of the project. Introduce the selected topic by giving some historical background)
- Section 7: Summary of the topic Activities done during the project
- Section 8: Observations and Analysis
- Section 9: Conclusion Summarized suggestions of findings/Future scope of study
- Section 10: Appendix Person consulted, Bibliography, Books, Websites, Films/ Television referred.
- Section 11: Values and Life skills learned through the project
- Section 12: Draft Thank you.

**General Instructions:**

1. Project should be individual only
  2. It should be a handwritten project on a A4 size sheet.
  3. Project should be summed up in 25-30 pages.
  4. It should be well researched based on facts and figures and pictorial.
  5. The project must have a Table of contents, Title/ Cover page, Acknowledgement, Bibliography, Analysis with headings and sub-headings.
  6. It must include relevant news clippings, facts and figures, pictures.
  7. You can plan a survey or an interview to supported your research.
- 2. Collect the pictures of Mesopotamia's artefacts and make a collage with the information.**
  - 3. Go through the sources given in first chapter and make at least 4 questions with answers from each source.**
  - 4. Collect information and make a creative album on Roman Empire.**

## FINE ART

1. Painting Composition (draw any two)
  - Imaginative painting based on subject from life and nature in water and poster colours.
  - i) Affairs of family, friends and daily life
  - ii) National, religious, cultural, historical and social events and celebrations.
2. Objects Study
  - Draw any five still life (composition) any medium (half imperial)
3. Nature study
  - Draw any two beautiful landscape (water colour)
  - Draw any two nature study object (any medium)
4. Draw any one beautiful painting (any medium)
  - Madhubani OR Warli Art

## POLITICAL SCIENCE

### Political Science (XIB)

1. Prepare a project according to CBSE guidelines.

#### Topics for XI B

- |  |              |
|--|--------------|
| ➤ Making of Indian Constitution                          | Roll No – 01 |
| ➤ Fundamental Rights and Fundamental Duties              | Roll No – 02 |
| ➤ Election system in Indian Democracy                    | Roll No – 03 |
| ➤ Why do we need parliament?                             | Roll No – 04 |
| ➤ Parliamentary Executives in India                      | Roll No – 05 |
| ➤ Structure and Jurisdiction of Judiciary in India       | Roll No – 06 |
| ➤ Federal Structure of India Democracy                   | Roll No – 07 |
| ➤ Role of Local Government in India                      | Roll No – 08 |
| ➤ Liberty vs Freedom                                     | Roll No – 09 |
| ➤ Social Justice: Are ethics followed in Indian Politics | Roll No – 10 |
| ➤ History of Rights in politics                          | Roll No - 11 |

### FINAL PRESENTATION/LAYOUT OF THE PROJECT

- Section 1: Political Science Project (Title of the Project)  
Name: School: Year: Roll no.:
- Section 2: Certificate of authenticity (To be pasted)  
Teacher's Signature
- Section 3: Index
- Section 4: Acknowledgement (Acknowledging the institution, the place visited and the person who has helped.)
- Section 5: Preface: Problem Statement/Objective of the project
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- Section 10: Appendix Person consulted, Bibliography, Books, Websites, Films/ Television referred.
- Section 11: Values and Life skills learned through the project
- Section 12: Draft Thank you.

#### General Instructions:

1. Project should be individual only
2. It should be a handwritten project on a A4 size sheet.
3. Project should be summed up in 30 –35 pages.

4. It should be well researched based on facts and figures and pictorial.
5. The project must have a Table of contents, Title/ Cover page, Acknowledgement, Bibliography, Analysis with headings and sub-headings.
6. It must include relevant news clippings, facts and figures, pictures.
7. You can plan a survey or an interview to supported your research.

**2.Prepare a flow chart to show the fundamental right and their articles.**

**3.Frame Constitution for your class.**

4. Make a question bank which is based on chapters we have already completed in the class. 20 questions from each chapter. Questions will include 1, 2, 4 and 6 marker questions.
5. Read and revise the chapters taught in the class.
6. Complete notes and do assignments in the notebook

**CRAFT**

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

#paper flower--use origami paper and you have to make different types of flowers.

#Quilling work --to do quilling art you will need a quilling strips,tool and with this you can make beautiful flowers, butterfly and many more things.

#skeleton leaves activity --in this you have to use the skeleton of the leaves you have to make this activity beautifully...

# 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.

**INFORMATICS PRACTICES  
(PRACTICAL WORK – PYTHON PROGRAMMING)**

1. Write a program in Python to find and print area of a rectangle
2. Write a program in Python to find and print simple interest
3. Write a program in Python to check a given number accepted by the user is odd or even
4. Write a program in Python to swap values of two variables accepted by the user.
5. Write a program in Python to print multiplication table of number accepted by the user.
6. Write a program in Python to print factorial of a number accepted by the user.
7. Write a program in Python to print sum of individual digits of a number accepted by the user.
8. Write a program in Python to reverse digits of number accepted by the user.
9. Write a program in Python to check a number accepted by the user is palindrome or not.
10. Write a program in Python to check a number accepted by the user is Armstrong or not.
11. Write a program in Python to print the following pattern.

```
*
* *
* * *
* * * *
```

12. Write a program in Python to print the following pattern.

```
1
1 2
1 2 3
1 2 3 4
```

**Theory Questions:-**

- (1) Explain computer system and draw its block diagram.
- (2) Differentiate between interpreter and compiler.
- (3) What is software explain different types of software in brief.
- (4) Write note on Generation of computer
- (5) What is memory? Explain different types of memory in brief.
- (6) Write note on memory measuring units
- (7) Explain different types of software.

(8) Differentiate between generalized and customized application software

## ECONOMICS

Q1. Prepare AIL on Andaman and Nicobar Islands related to its culture.

Q2. Make a project file on the topic assigned to you in class. The project carries 20 marks according to the marking scheme provided by CBSE.

Topic : Demand and its determinants

Q3. Prepare a sample questionnaire of consumer eating preferences

with at least 10 questions in it and perform this survey with 10 different people also.

Q4. Do following questions in your Economics copy:-

i) "Economics is a study of Scarcity". Discuss.

ii) Discuss the three main economic activities.

iii) Define statistics in the plural sense. Write its important features.

iv) Discuss the importance of statistics in economic planning.

v) What do you mean by primary data? Mention the different methods for collecting primary data.

vi) How can data be collected through 'Telephonic interview'. Mention its one merit and demerit.

vii) What is meant by individual series? Give two examples.

viii) Differentiate between Microeconomics and Macroeconomics, with suitable examples.

ix) What are the three central problems of an economy? Why do they arise?

x) Explain the various points of relationship between Marginal utility and total utility with the help of schedule and diagram.

## ENGLISH CORE

**Q.1.** As you all know our doctors, forces, government, and cleaners are fighting against coronavirus. This poster is to support all those people who are corona warriors and fighting with corona virus for us.

Draft a poster on Fight Coronavirus.

**Q.2.** Design a poster on the topic – 'How CNG can be the best alternative to diesel and petrol.' [50 words]

**Q.3.** Describe 'How coronavirus is affecting your dreams – and what to do about it. [120-150 words]

**Q.4.** On behalf of the Principal of your school, draft an advertisement inviting applications for the post of PGT (English) teacher.

**Q.5.** Do first 5 worksheet of unseen passage and note making in bravia.

**Q.6.** Do first 5 worksheet of Each topics given in writing skills.

**Q.7.** Do literature lessons' worksheet Which had done in your class

### Project work

Prepare your project from discovering Tut 'taking help from book , discovery channel and you tube on all events.

1. Painting Composition (draw any two)

• Imaginative painting based on subject from life and nature in water and poster colours.

i) Affairs of family, friends and daily life

## FINE ART

i) National, religious, cultural, historical and social events and celebrations.

2. Objects Study

• Draw any five still life (composition) any medium (half imperial)

3. Nature study

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• Madhubani OR Warli Art

## MATHEMATICS

**TRIGONOMETRIC FUNCTIONS and SETS**

**HOLIDAY HOMEWORK**

**Q1.** Write the subsets of {1,2,3}.

**Q2.** Write  $\{x: x \in \mathbb{R}, 3 \leq x \leq 4\}$  as an interval.

**Q3.** Write the interval (6, 12) in set builder form.

Q4. If set  $A = \{1, 3, 5\}$ ,  $B = \{2, 4, 6\}$  and  $C = \{0, 2, 4, 6, 8\}$ . Then write the universal set for all three sets.

Q5. If  $A = \{1, 2, 3, 4\}$ ,  $B = \{3, 4, 5, 6\}$ ,  $C = \{5, 6, 7, 8\}$ . Find  $A \cup B \cup C$ .

Solution:  $A \cup B \cup C = \{1, 2, 3, 4, 5, 6, 7, 8\}$

Q6. If  $A = \{3, 5, 7, 9, 11\}$ ,  $B = \{7, 9, 11, 13\}$ ,  $C = \{11, 13, 15\}$ . Find  $A \cap (B \cup C)$ .

Q7. If  $U = \{a, e, i, o, u\}$  and

- $A = \{a, e, i\}$
- $B = \{e, o, u\}$
- $C = \{a, i, u\}$

Verify whether the value is true or not:  $A \cap (B - C) = (A \cap B) - (A \cap C)$ .

Q8. According to a survey, 73% of Kashmiris actually like apples, while around 65% of them like oranges. Determine the percentage of Kashmiris who like both apples and oranges.

Q9. here are 100 students in a Student Activity Club of which 35 like drawing and 45 like music. 10 students are interested in both drawing and music. Find the number of students that like either of them or neither of them.

Q10. Ques. There are 200 individuals with a dermatological disorder. 120 were exposed to the chemical  $C_1$ , 50 to chemical  $C_2$ , and 30 to both the chemicals  $C_1$  and  $C_2$ . What is the number of individuals exposed to

(i) Chemical  $C_1$  but not chemical  $C_2$ ?

(ii) Chemical  $C_2$  but not chemical  $C_1$ ?

(iii) Chemical  $C_1$  or chemical  $C_2$ ?

Q11. In a Sports Academy, there are players that play either Baseball or Football or both. The number of players who play Baseball or Football or both is 11, 12 and 3 respectively. What will be the number of students playing either cricket or badminton?

Q12. In an examination 43% passed in Math, 52% passed in Physics and 52% passed in Chemistry. Only 8% students passed in all the three. 14% passed in Math and Physics and 21% passed in Math and Chemistry and 20% passed in Physics and Chemistry. Number of students who took the exam is 200. Let Set P, Set C and Set M denotes the students who passed in Physics, Chemistry and Math respectively. Then How many students passed in Math only?

Q13. A wheel makes 360 revolutions in one minute. Through how many radians does it turn in one second?

Q14. Find the value of  $\sqrt{3} \operatorname{cosec} 20^\circ - \sec 20^\circ$ .

Q15 SProve that:

$$\cos^2 x + \cos^2 \left( x + \frac{\pi}{3} \right) + \cos^2 \left( x - \frac{\pi}{3} \right) = \frac{3}{2}$$

how that  $\tan 3x \tan 2x \tan x = \tan 3x - \tan 2x - \tan x$ .

Q16.PROVE

$$\cos^2 x + \cos^2 \left( x + \frac{\pi}{3} \right) + \cos^2 \left( x - \frac{\pi}{3} \right) = \frac{3}{2}$$

Q17 Find the value of  $\cos 570^\circ \sin 510^\circ + \sin (-330^\circ) \cos (-390^\circ)$ .

Q18. Show that  $2 \sin^2 \beta + 4 \cos (\alpha + \beta) \sin \alpha \sin \beta + \cos 2 (\alpha + \beta) = \cos 2\alpha$ .

Q19 The value of  $\cos 1^\circ \cos 2^\circ \cos 3^\circ \dots \dots \dots \cos 179^\circ$  is

- (a)  $1/\sqrt{2}$
- (b) 0
- (c) 1
- (d) -3

Q20 ACTIVITY NO.1 To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is  $2^n$ .

Q21. ACTIVITYNO 2. To represent set theoretic operations using Venn diagrams.

Q22. DO ONE PROJECT FILE ON TWO INDIAN MATHEMATICIAN AND THEIR CONTRIBUTION

## PHYSICAL EDUCATION

Theory work  
Chapter 1 & 2

Question.

- a. What do you understand by physical education? Discuss the objectives of physical education.
- b. Discuss in detail Khelo India Scheme ?
- c. How the trends in sports are changing? Explain?
- d. Describe technology advancement in sports?
- e. Explain in detail about Ancient Olympic?
- f. Describe the Olympic flag ?
- g. Write down the function of IOC ?
- h. What is the Olympic MOTTO ?
- i. What is Olympism ?
- j. Briefly explain Olympic values ?

### Practical work

- a. Labelled diagram of 400 M track & field with computations.
- b. Describe changing trends in sports & games in terms of changes in playing surface, wearable gear, equipment, technological and advancements.

### ACCOUNTANCY

Part : Project Work based on CBSE.

Make a project on the topic assigned according to your roll numbers. The project carries 20 marks according to marking scheme provided by CBSE boards. Topics already shared on Class group as well and explained in the class.

Project-1 Comprehensive

Project -2 make a beautiful file on ALL on Andaman and Nicobar - about their geographical area , tourism

# write these questions in separate folder

Q1. Explain the meaning of the following terms:-

- 1) liabilities
- 2) stock
- 3) business transactions
- 4) drawings

Q2. Write a note on the types of the assets, liabilities and capital with one example each

Q3. Explain the following terms

- 1) Revenue
- 2) Debtors
- 3) working capital
- 4) Fictitious Assets
- 5) Stock

Q5. Distinguish between Double Entry & Single Entry

Q6. Explain business transactions with the help of flow chart . Write its features also

Q7. What is Accounting ? What are the advantages & disadvantage of accounting ?

Q8. Write down the difference between Bookkeeping, Accounting , Accountancy

Q9. Write down the difference between Accrual basis & cash Basis

Q10. Explain following concepts

1. Money Measurement Concept
2. Going Concern Concept
3. Business Entity Concept

### ENGLISH CORE

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[Q.7.Do](#) literature lessons' worksheet Which had done in your class

Project work

Prepare your project from discovering Tut ‘taking help from book , discovery channel and you tube on all events.

## BUSINESS STUDIES

Part : Project Work based on CBSE.

Make a project on the topic assigned according to your roll numbers. The project carries 20 marks according to marking scheme provided by CBSE boards. Topics already shared on Class group as well and explained in the class.

Project-1 -Forms of Business Organisation

Ques. Visit a departmental store and find out what form of a business organisation it is?

Hence write and explain its features , merits and demerits.

Ques. Do all the mcqs of the chapters covered in your business studies notebook .

## हिंदी

प्रश्न-1परियोजना कार्य

(किसी एक विषय पर तैयार करें )

क-हिंदी साहित्य के प्रसिद्ध उपन्यासकार ख-भक्तिकाल तथा भक्तिकाल के कवि

ग-स्वर कोकिला :लता मंगेशकर

घ-कला व संस्कृति का केंद्र: राजस्थान

प्रश्न-2 अंडमान निकोबार अथवा लक्षद्वीप की किसी एक लोक कथा का नाट्य रूपांतरण करिए।

प्रश्न -3 वितान के पाठ 1 और 2 को पढ़कर 10-10 बहु वैकल्पिक प्रश्नों का निर्माण करिए ।

प्रश्न 4 बोर्ड परीक्षा 2022- 23 में आए अपठित गद्यांश और पद्यांश को हल करें प्रश्न 5 'कर्नाटक में चुनावी नतीजे 'दृश्य लेखन लगभग 200 शब्दों में करें।

## Craft

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

#paper flower--use origami paper and you have to make different types of flowers.

#Quilling work --to do quilling art you will need a quilling strips,tool and with this you can make beautiful flowers, butterfly and many more things.

#skeleton leaves activity --in this you have to use the skeleton of the leaves you have to make this activity beautifully...

# Andaman and Nicobar Island:-

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