## SONA MODERN PUBLIC SCHOOL

#### Fun "n" Summer

As the school closes for a long summer break from 20.05.2024 to 30.06.2024 which is the most enviable part of school life. It provides time for rest and leisure. Every child enjoys the holidays in laze around, eat, play visits and to revive the things. But duties must not be forgotten. So balance should be maintained between recreation and work. We have planned some activities and work to enhance his/her learning skill in a fun filled way. We have tried to make the work enjoyable. Help your child to do the work. All the holiday homework should be done as per instruction

- All the given works will be done in the A-4 size sheet and put in the folder made by you with eco-friendly material.
- The practice work will be done in the copy.
- Every work should be decorative.
- ✤ At the end write the activity which you like most and why.
- Students must ensure that the work should be done efficiently as the work will be marked and marks will be added in the result.
- All children have to learn and complete the work done in the class before holidays..
- The school will reopen on 01.07.2024

#### **MESSAGE**

Dear Parents,

Society is changing. Some changes are for the progress of the society as well as for the country. But some changes are taking the young generation towards the downfall, To save our civilization and culture there is a need to inculcate and enhance the moral values in youngsters. So you are requested to help our youngsters that should begin from the home. If you see any wrong value you should immediately point out. Teach them:

- ▶ Use of word "Aap" to all, Use of the word "Excuse me", "Sorry", Thank you", "Parden", "Please"
- > Not to interfere into the elder's conversation and wish everyone daily.
- Do not use abusive languages.
- > Respect elders and Learn to quit their anger.
- > To distinguish between bad and good vision and touch of others.
- Teach them to share their incidents of daily life with parents and the person whom they can trust. (Your family members, teachers).
- ➢ Always help the needy.
- Help to keep the house clean.
- > Honesty is the best policy. Tell the truth at all times and be Polite and responsible
- > Share the T.V time. Do not sit too close while watching T.V.
- ➢ Be fair with your family and friends.
- > Take small bites, eat neatly, slowly with your mouth closed and Help to clean up the table.

#### **Everyday activities**

- > See the rising Sun in the morning and Sun setting in the evening.
- > Take your child for nature walk and hear the sounds of birds (chirping)
- Do some breathing exercises.
- > Have milk , fruits and lots of water daily.
- Converse in English.
- Converse important things with your parents (like T.V shows, visits etc.)
- Read some new things to increase your vocabulary.
- Help your child to identify new things.
- > Child should be encouraged to ask questions.
- Meditate and do simple breathing and yoga exercises.
- Learn to dress yourself, button your shirt and tie your shoe laces on your own.
- Give your spare toys and clothes to the needy.
- > Brushing teeth twice daily, Comb your hair regularly and Bathing every day.
- Washing hands before and after meals.
- > Trimming the nails and keeping them clean.

#### **Special activities**

- Grow plants by using decorated waste bottles water them daily and submit it in the school, Use other to decorate your house.
- ➤ Make a beautiful sheets of my summer memories by pasting.
- Photographs, tickets of bus/ train /aeroplane.
- Learnt to make sandwich, lemonade.
- > Make a drawing and paste picture of share.

# SONA MODERN PUBLIC SCHOOL HOLIDAY HOME WORK 2024-25 CLASS XI

# <u>ENGLISH</u>

## Write each of the following questions in 100-120 words.

- 1. Explain the reasons of changing relationship between the grandmother and the author.
- 2. Sketch the character of the grandmother.
- 3. Discuss the values highlighted in the chapter The Portrait of a Lady.
- 4. Identify the poetic devices used in the poem A Photograph and discuss their meanings.
- 5. Human life is short-lived in contrast to nature. Comment on the statement in the light of the poem A Photograph.
- 6. Can the act of stealing be ever justified? Give your views in the context of reading of The Summer of the Beautiful White Horse.
- 7. Make a project on "WE ARE NOT AFRAID TO DIE, IF WE ARE TOGETHER "

# <u>HINDI</u>

# किसी एक विषय पर परियोजना कार्य तैयार करिए

- 1- 'लड़कियाँ है, वह घास- फूस की तरह बढ़ती चली जाती हैं।' कथन के आधार पर समाज में लड़कियों की वास्तविक स्थिति को स्पष्ट करते हुए केंन्द्र सरकार की \***बेटी बचाओ बेटी पढ़ाओ**\* योजना का उल्लेख एक आकर्षक चित्रात्मक परियोजना द्वारा कीजिए
- 2- कबीर के धार्मिक विचारों पर प्रकाश डालते हुए उनके व्यक्तित्व और कृतित्व पर एक आकर्षक चित्रात्मक परियोजना तैयार कीजिए।
- 3-भारत के स्वतंत्रता संग्राम में आदिवासियों के योगदान का उल्लेख निम्नलिखित किन्हीं 3 क्रांतिकारियों के माध्यम से कीजिए-

सिद्धू मुर्मू और कान्हा मुर्मू- संथाल विद्रोह के नेतृत्वकर्ता बिरसा मुंडा- मुंडा विद्रोह टंट्या भील- भारत के रॉबिनहुड तिलका माझी- स्वतंत्रता सेनानी झलकारी बाई- रानी लक्ष्मीबाई की सेनापति

- 4- स्वर कोकिला सुश्री लता मंगेशकर की संगीतमय जीवन-यात्रा पर एक चित्राकर्षक परियोजना तैयार कीजिए।
- 5- राजस्थान की रजत बूंदें पाठ के माध्यम से दिनोंदिन बढ़ती पानी की समस्या से निपटने के उपाय का वर्णन करते हुए देश के अन्य राज्यों में जल संरक्षण के लिए किए जाने वाले प्रयासों पर एक आकर्षक चित्रात्मक परियोजना तैयार कीजिए।

6-पढ़ाए गए पाठों से 10-10 वैकल्पिक प्रश्न तैयार करें ।

- 7- किसी एक विषय पर लगभग 200 शब्दों में दृश्य लेखन लिखे
  - क- गा दशहरा पर गंगा स्नान
  - ख- लोकसभा चुनाव और राजनैतिक सरगर्मी
- 8- दिल्ली में महिलाओं की सुरक्षा को लेकर चिंता व्यक्तित्व करते हुए किसी प्रसिद्ध समाचार पत्र संपादक को पत्र लिखे।

#### **MATHEMATICS**

1. Do the following Graph Decoration activity.

#### **Graph Decoration activity**

Take an A4 size graph paper. Use your creativity and make a beautiful design. You can colour it also.

For Example-



- 2. Make a project on any five famous mathematicians of the world, highlighting their contribution in mathematics on A4 size sheet. Paste their picture also.
- 3. Do activity 1 to 6 of Lab Manual in lab activity notebook.
- 4. Revise Ch-1 Sets and Ch-2 Relation and functions and do the given worksheet on A4 size sheet.

(*d*) Ø

#### WORKSHEET

- 1. If A and B are two sets, then  $A \cap (A \cap B)$  equals (a) A (b) B (c) A \cap B
- 2. If n(A) = 17, n(B) = 8 for two disjoint sets A and B, then  $n(A \cup B) =$ (a) 9 (b) 23 (c) 25 (d) None of these
- 3. Relation R is defined as  $R = \{(x+1,x+5):x \in (0,1,2,3,4,5)\}$ . The domain of the relation R is (a)  $\{4,5,6,7,8,9\}$  (b)  $\{0,1,2,3,4,5\}$  (c)  $\{5,6,7,8,9,10\}$  (d)  $\{1,2,3,4,5,6\}$
- 4. Describe the following set in roster form:  $\{x: x^2 + 7x - 8 = 0, x \in \mathbf{R}\}\$
- 5. Write the following set in set-builder form:
  - (i)  $\{\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5}, \dots\}$
  - (ii)  $\{1,4,9,\ldots,100\}$
- 6. Determine the domain and range of the relation R defined by  $R = \{x, x+5 : x \in (1,2,3,4,5)\}$
- 7. Give an counter example to show that the given statement is false: If  $A \subset B$  and  $B \in C$ , then  $A \in C$ .
- 8. Let  $f = \{(1,1), (2,3), (0, -1), (-1, -3)\}$  be a function from Z to Z defined by f(x) = ax + b for some integers a and b. find a and b.
- 9. Write the following intervals in set-builder form: (i) (6, 12] (ii) [-3, 4]
- 10. Let A and B be sets. If  $A \cap X = B \cap X = \phi$  and  $A \cup X = B \cup X$  for some set X. prove That A = B.
- 11. Find the domain and range of real function 'f' defined by  $f(x) = \sqrt{x 1}$
- 12. Show that  $A \cap B = A \cap C$  need not imply B = C.
- 13. For all sets A and B, prove that  $A (A B) = A \cap B$ .
- 14. For all sets A and B, prove that  $A \cup (B A) = A \cup B$ .
- 15. If A = {x:x $\epsilon$ N, x  $\leq$ 7}, B = { x:x is a prime, x < 8} and C = { x: x $\epsilon$ N, x is odd and x <10}, verify that AU(B $\cap$ C) = (AUB)  $\cap$  (AUC).
- 16. Write the following set in the roster form:  $F = \{x: x^4-5x^2+6=0, x \in R\}$ .
- 17. Write the following set in the roster form:  $A = \{x: x^3 = x, x \in N\}$ .
- 18. If A = {x:x $\epsilon$ R, x > 4}, B = {x : x $\epsilon$  R, x < 5}, then find A  $\cap$  B.
- 19. If A = { 2,3,4,5,6,7,8,9 }. Let R be a relation on A defined by {  $(x,y):x \in A, y \in A \text{ and } x \text{ divides } y$  }.

- (i) Draw arrow diagram of R.
- (ii) Find:
  - (i) R in roster form.
  - (ii) Domain of R.
  - (iii) Range of R.

20. Find the domain and range of the real function f defined by  $f(x) = \sqrt{16 - x^2}$ .

## ACCOUNTANCY

Q1. Prepare Project Work- 1 in a project file.

- Journalise the transactions
- Prepare Ledger Accounts
- Prepare Trial Balance, Trading and Profit/Loss Account and Balance Sheet
- Also prepare Bar diagram and Pie chart of the respective Project work
- Q2. Answer the following questions:
  - a. What do you mean by Accounting? Explain the advantages of Accounting.
  - b. What is the role of Accounting in business?
  - c. between Book Keeping, Accounting and Accountancy.
  - d. Explain the internal and external users of Accounting Information.

e. Accounting provides information about the profitability and financial soundness of the concern. In addition, it provides various other valuable information also. However, Accounting has certain limitations. Explain any 3 of such limitations.

f. 'Capital is a liability for the business.' Explain this statement with the principle applied.

- g. Why is it necessary for accountants to assume that a business entity will remain a going concern?
- h. Discuss the principle based on the premise' do not anticipate profits but provide for all losses.'
- i. What do you mean by International Financial Reporting Standards (IFRS)? State its 2 objectives. Explain Ind-AS Based Financial Statements.
- j. Distinguish between Cash Basis of Accounting and Accrual Basis of Accounting.
- Q3. Classify the following into Assets, Liabilities, Expenses and Revenues: Sales, Bank Balance, Debtors, Bank Overdraft, Creditors, Salary to manager, Discount to Debtors,

Sales, Bank Balance, Debtors, Bank Overdraft, Creditors, Salary to manager, Discount to Debtors, Cost of goods sold.

- Q4. Following information is obtained from the books of Mr Shekhawat for the year ended 31st March 2023:
  - cash sales Rs. 5,20,000

credit sales Rs 1,40,000

Expenses (out of which 60000 is still to be paid) Rs. 4,10,000

Ascertain Net Profit/ Loss of Mr. Shekhawat he adopts on:

- a. Cash Bases of Accounting
- b. Accrual Bases of Accounting

Q5. Transactions of M/s Vipin Traders are given below:

Show the effects on Assets, Liabilities and Capital with the help of accounting equation:

a.	Business started with cash	1,25,000		
b.	Purchased goods for cash	50,000		
c.	Purchased furniture from R.K Furniture on credit	10,000		
d.	Sold goods to Parul Traders (costing 7000 vide bill no. 5674)	9,000		
e.	Paid cartage	100		
f.	Cash paid to RK Furniture in full settlement	9700		
g.	Cash sales (costing 10000)	12,000		
h.	Rent received	4,000		
i.	Cash withdrew for personal use	3,000		

## **BUSINESS STUDIES**

- Q1. Make a project on the topic assigned in class. It carries 20 marks which will be added to your midterm result.
- Q2. Do all the case studies related to chapter 1 & 2.
- Q3. Learn all the NCERT question answers related to chapter 1 & 2.
- Q4. Do the following questions in A4 size sheets:-
  - $\hfill\square$  State and explain the features of sole proprietorship.
  - $\hfill\square$  Explain the demerits of a joint stock company.
  - $\Box$  Differentiate between MOA & AOA.

- $\Box$  Karta is so powerful that he can even ruin the business. Comment.
- □ State and explain the merits & demerits of partnership.
- □ Explain the features of a cooperative society.
- □ Differentiate between business, profession & employment.
- $\Box$  Explain the auxiliaries to trade.

Q5. Choose any one cooperative. Collect information regarding it and pen it down on A4 size sheets.

## **ECONOMICS**

- Q1. Make a Project on the topic 'Demand and its Determinants'. The Project carries 20 marks.
- Q2. State and explain the central problems of an economy.
- Q3. Distinguish between positive economics and normative economics. Give an example of each.
- Q4. Suppose a consumer whose budget is ₹500 wants to consume only 2 goods, good X and good Y. The goods are respectively priced at ₹ 50 and ₹25. Answer the following questions on the basis of the given information:
  - a) state the budget equation of the consumer.
  - b) what is the slope of the budget line?
  - c) how many units can she purchase if she spends the entire ₹500 on good X?
  - d) how many units can she purchase if she spends the entire ₹500 on good Y, given that the price of good Y has doubled?
- Q5. Differentiate between Substitute goods and Complimentary goods.
- Q6. Define Statistics. Explain the limitations of Statistics.
- Q7. State the difference between Primary Data and Secondary Data.
- Q8. Write a short note on:
  - Census Method
  - Sampling Method

## HISTORY

## PROJECT WORK

#### Topics:

$\triangleright$	The Legacy of Mesopotamia civilization	Roll No. 1 to 5
$\triangleright$	The Roman Empire	Roll No 6 to 10
$\triangleright$	Three Order, The European Social Structure	Roll No 11 to 15
$\triangleright$	Role of Genghis Khan in establishing nomadic empire.	Roll No 16 to 20
۶	Paths to Modernisation with reference to China and Japan	Roll No 21 to 25

## NOTE:

- ✤ The project work is to be done individually.
- ✤ Each student to have a separate project file.
- ✤ The project should be minimum of 25-30 pages each.
- Use colourful sheets for the work and spiral binding.
- ✤ The project must be neat and well-presented and must be completely handwritten.

# The project should be done on inter leaf A-4 sized sheets.

## Short Answer Type Questions : Answer between 30 to 50 words

- ◆ 1. Why Mesopotamia is considered important by Europeans? Give reasons. (VBQ)q
- 2. "Rivers play crucial role in the emergence of civilization". Justify this statement in context to Mesopotamia.
- ✤ 3. Give some facts to show geographical diversities that existed in Iraq.
- ✤ 4. Write in brief about the importance of southern and north-east regions of Mesopotamia.
- 5. "The use of seals played significant role in the development of trade in urbanization in Mesopotamia." Discuss.
- 6. "The Euphrates river of ancient Mesopotamia was world-renowned trade route". How will you justify it?
- T. Explain with the help of an example, how did compulsory labor make possible the construction of temples, palaces, buildings, etc.
- ✤ 8. How pictographic script came into prominence?
- ✤ 9. What do you know about the ancient town Ur of Mesopotamia?
- ✤ 10.Which factors suggest that Ur was an unplanned city?

11.Discuss the features of town planning of early urban society.

#### OR

- ✤ Discuss the essential values of Mesopotamian's town planning.
- 12. What do you know about sacred temples of Mesopotamia? What were they called?
- ✤ 13."The script of Mesopotamia helped the historians to throw light on this ancient civilization". Justify the statement.

## Long Answer Type Questions : Answer between 100 to 150 words

- ✤ 14.What do you know about Uruk?
- ✤ 15.Describe the main features of the city of Babylon.
- ✤ 16.Describe the nature of early urban society under Mesopotamia.

#### OR

- "There was a great disparity among the different sections of the Mesopotamian society". Explain.
- 17.Illustrate the construction of temple and gradual increasing of activities of temples in Mesopotamia.
- ◆ 18. What do you know about Gilgamesh? Explain in detail.
- 19.State the points of similarities and differences between Indus valley and Mesopotamians civilization.
- ◆ 20.What do you know about the palace at Mari of King Zimrilim?
- ✤ 21.Why were there often clashes between the animal herders and farmers of Mari?

## POLITICAL SCIENCE

## \*Prepare a project according to CBSE guidelines.

#### Topics

*Making of Indian Constitution	(Roll No – 01, 02,23)
*Fundamental Rights and Fundamental Duties	(Roll No – 03 ,04 , 24)
*Election system in Indian Democracy	(Roll No – 05 ,06,25)
*Why do we need parliament?	(Roll No – 07,08,26)
*Parliamentary Executives in India	(Roll No – 09 ,10,27)
*Structure and Jurisdiction of Judiciary in India	(Roll No – 11 ,12,28)
*Federal Structure of India Democracy	(Roll No – 13 ,14,29)
*Role of Local Government in India	(Roll No – 15,16,30)
*Liberty vs Freedom	(Roll No – 17,18,31)
*Social Justice: Are ethics followed in Indian Politics	(Roll No – 19,20,32)
*History of Rights in politics	(Roll No – 21,22,33)

## 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
- 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.

## **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.

## \*Read and revise the chapters taught in the class.

## \*Learn and write following questions in note book .

- 1. Explain any six functions of the constitution of India.
- 2. Discuss any four features of Constitution of India.
- 3. Why it is said that "Constitution of India is a beg of borrowing"
- 4. What is the need and importance of a Constitution?
- 5. Why should we study political theory?
- 6. What do you mean by politics?
- 7. Explain the difference between the Indian Constitution and western ideas in the light of (a) Understanding of secularism.
  - (b) Articles 370 and 371.
  - (c) Affirmative action.
  - (d) Universal adult franchise.

## **PSYCHOLOGY**

- **I. Prepare a project file** on any one of the following topics:
  - a) Human Development
  - b) Learning
  - c) Memory
  - d) Motivation
  - e) Perception
  - f) Attention
  - g) Thinking
  - h) Emotion
- **II.** Make a dream journal. Record your dreams in the journal every morning for 15 days (whatever you remember from the dream). Mention Common themes or symbols which emerged in the dreams.
- **III.** Write a reflective essay on your own personality and behaviour, discussing your strengths and weaknesses, significant life events, and how you perceive yourself and others.
- **IV.** Make a poster on "coping up with stress in adolescence".

## NOTE: Do II, III and IV on A4 size sheets.

## **GEOGRAPHY**

## Prepare a Project file on any one of the following topic

- 1.Different types of volcanoes
- 2. Continental Drift theory
- 3.physiogrsphic divisions of India
- The project should be in handwritten and use original drawing and creative material to make it more attractive
- > The project will be presented in a scrapbook
- > Following essential are required to be fulfilled for the preparation of project
  - i. Cover page
  - ii. List of content
  - iii. Introduction of the topic
  - iv. Cause , effect and remedies
  - v. Diagram, pictures
  - vi. Conclusion
  - vii. Bibliography

#### Prepare an answers on the following questions (chapter 4 of fundamental of physical geography )

- i. In how many plates has the earth been divided according to the plates tectonic ? Explain .
- ii Explain different types of boundaries that form as a result of tectonic plate.
- iii. Explain tectonic plate theory and it's working.
- iv. Explain the hypothesis, known as the" sea floor spreading " given Hess.
- v. What were the major post-drift discoveries that rejuvenated the interest of scientists in the study of distribution of oceans and continents?
- vi. Describe the main features of the Indian plate.

#### **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

# FINE ART

## 1. Painting Composition (draw any one)

• Imaginative painting based on subject from life and nature in water and poster colours. I) Affairs of family, friends and daily life ii) Games and sports activities iii) National, religious, cultural, historical and social events and celebrations.

## 2. Objects Study

- Draw any two still life (composition) in pencil shading (half imperial)
  - 3. Nature study
    - Draw any one beautiful
    - landscape (pencil shading)
    - Draw any one nature study object (any medium)

# **CRAFT**

## MAKE ANY 2

**# Table Lamp** — in this activity you have to use only the waste material.

# plaster of Paris casting — you have to use the plaster of Paris (POP) and you have to make

this activity beautifully ..

**#Jute craft** — you have to make a jute bag or any other objects using jute thread or jute fabric

# Folder making — you have to use old and waste materials.

## **PHYSICAL EDUCATION**

## (Theory work)

## Questions needs to be learn and write in your physical education note book

- 1. Write down in details about international Olympic committee?
- 2. What are OCOGs? Explain briefly.
- 3. What do you understand by physical education? Discuss the objectives of physical education?
- 4. Briefly explain khelo India scheme?
- 5. Explain the benefits of kapalbhati?
- 6. Describe the various elements of yoga ?
- 7. What do you understand by adaptive physical education?
- 8. Describe the role of any two professional to help the divyang ?
- 9. Differentiate between active and passive flexibility?
- 10. According to who, what is health?

#### (PRACTICAL WORK)

#### Practical work needs to be done in practical file.

- Q1 Write a Test in your practical file, SAI KHELO INDIA TEST AND BPFT with their pictures ?
- Q2. Write in detail about given lifestyle diseases with their Two preventative asana of each life style disease with their pictures?

## ( LIFE STYLE DISEASE )

- HYPERTENSION
- OBESITY
- DIABETES
- ASTHMA
- BACK PAIN AND ARTHRITIS
- Q3. Write a game on your practical file, ( according to your roll number ) and below mention sub list needs to be follow ? Eg volleyball
- Diagram of ground/court/track
- Equipment
- Rule regulations
- Terminology & skills
- Arjun award ( any 10 )

#### Games according to roll number

Roll number.	Game	
1 to 8.	kho-kho	
9 to 16.	Volleyball	
17 to 24.	Basketball	
25 to 32.	Badminton	