

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
CLASS – XII
HOLIDAY HOMEWORK (2024-25)

MATHEMATICS

1. Prepare a Project file on the topic “Matrices and Determinants” containing atleast 10-15 sheets.
Use coloured papers and sketch pens. It carries marks in final term mathematics practical. Guidelines for submitting the project.
 1. Explaining different types of matrices, minors, cofactors etc.
 2. Use A4 size sheets.
 3. It should be handwritten project.
 4. The file should be creative and images drawn or pasted must relevant to the topic.
 5. It should have proper index.
2. Revise Ch- Matrices, Ch- Determinants & Ch- Relations and Functions sincerely in practice notebook.
3. Do activity 1 to 6 of Lab Manual in lab activity notebook.

HISTORY

XII - B

1. Prepare a project according to CBSE guidelines.

Some suggested topics are:

Topic and its Details	Roll No
1. Town planning and Artefacts of the Harappan civilization	Roll No – 1 and Roll no 17
2. Mahabharata through a Readers eye.	Roll No- 2 and Roll no 13
3. Through the eyes of Travelers.	Roll No - 3 and Roll no 19
4. Bhakti-Sufi Movement in India Kabir, Guru Nanak	Roll No – 4 and Roll no 10
5. Great philosophers of India- Gautam Buddha and Mahavira.	Roll No – 5 and Roll no 16
6. The Vijayanagar empire	Roll No – 6 and Roll no 12
7. The tribal groups of India- The Paharias and the Santhals.	Roll No – 7 and Roll no 15
8. Role of Mahatma Gandhi in the nationalist movement.	Roll No - 8 and Roll no 18
9. The Constitution of India- Framing, implementation, importance.	Roll No – 9, Roll no 11 and Roll no 14

XII - C

Some suggested topics are:

Topic and its Details	Roll No
1. Revolt of 1857	Roll No – 1 and Roll no. 15
2. Jainism and Buddhism	Roll No - 2 and Roll no. 12
3. Rise of Magadha	Roll No – 3 and Roll no. 20
4. The mysteries behind the mound of dead – Mohenjo-Daro	Roll No – 4 and Roll no. 21
5. Buddha’s Path to Enlightenment	Roll No - 5 and Roll no. 14
6. Bernier’s notions of The Mughal Empire	Roll No - 6 and Roll no. 23
7. Rani Laxmi Bai : Woman who created history	Roll No - 7 and Roll no. 19
8. “Mahatma Gandhi” – A legendary soul	Roll No – 8 and Roll no. 13
9. To reconstruct the History of Vijaynagara	Roll No – 9 and Roll no. 18
10. A Hindu Mystic : Mira Bai	Roll No – 10,17 and Roll no. 22
11. Land Revenue Systems introduced by the Britishers in India	Roll No – 11 and Roll no. 16

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:

- The project work to be done individually.
- Each student to have a separate project file.
- The project should be of minimum 40-50 pages each.
- Use colourful sheets for the work; folder should be handmade and beautifully decorated.
- The project should be totally research and survey based.
- 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.
- Students must preserve the initial draft of the project as well as any research papers that they may have used. (To be attached at the end of the project)

2. Practice Maps of each lesson taught in the class and paste them.

3. Go through the sources given in each chapter and make at least 4 questions with answers from each source.

4. Collect information and make a creative book for Mauryan and Gupta Empire.

POLITICAL SCIENCE

XII – B

Prepare a project according to CBSE guidelines.

Some suggested topics are:

Topic and its Details	Roll No
1. Partition- Theory behind it and its legacy	Roll No – 1 and Roll no 17
2. State Reorganisation	Roll No- 2 and Roll no 13
3. China or India – The next Super Power	Roll No - 3 and Roll no 19
4. India's relation with its Neighbours	Roll No – 4 and Roll no 10
5. Emergency- Reasons and Consequences	Roll No – 5 and Roll no 16
6. Planned Development	Roll No – 6 and Roll no 12
7. EU	Roll No – 7 and Roll no 15
8. UN and its agencies	Roll No - 8 and Roll no 18
9. North East India	Roll No – 9, Roll no 11 and Roll no 14

XII – C

Prepare a project according to CBSE guidelines.

Some suggested topics are:

Topic and its Details	Roll No
1. One Party Dominance Then and Now	Roll No – 1 and Roll no. 15
2. India's Foreign Policy	Roll No - 2 and Roll no. 12
3. India's relation with its Neighbours (specially focus on China and Pakistan)	Roll No – 3 and Roll no. 20
4. India in 1975	Roll No – 4 and Roll no. 21
5. Middle East Crisis after 1991	Roll No - 5 and Roll no. 14

6. Globalisation	Roll No - 6 and Roll no. 23
7. Jammu and Kashmir With or Without Article 370	Roll No - 7 and Roll no. 19
8. Politics of Reservation in India	Roll No – 8 and Roll no. 13
9. Security in the Contemporary World a) Terrorism b) Threats to Human Security (Global Poverty, etc.) c) External threats from Neighbouring Countries	Roll No – 9 and Roll no. 18
10. Election Commission- its changing role and importance	Roll No – 10,17 and Roll no. 22
11. Regional Aspiration – Separatist Movement- Punjab	Roll No – 11 and Roll no. 16

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

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 40 – 45 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. 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.
 3. Take Political maps and locate the following:
 - a) Axis Powers and Allied Powers
 - b) NATO countries
 - c) Warsaw countries (Any Five)
 - d) Countries which were affected with Arab Resolution.
 - e) State formation after independence along with the year

ECONOMICS

Part : Project Work based on CBSE.

1. 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.

(FOR XII A & XII-B & XIIC , XII D)

TOPIC	XII A	XII B	XII C	XII D
1. SSI - SMALL SCALE INDUSTRY	RN-O2,10, 17,20, 21, 22,23	RNO-5,17	RNO-1,2,3,4,5,10, 14,15,18,19,23	RNO-2, 3, 4, 5, 11, 13 ,14
2. GST - GOODS & SERVICE TAX	RNO-11,12,13,14,15	RNO-4,11,18	-----	RNO-1, 12, 15
3. DEMONETISATION	RNO- 16,18,19	RNO—6,7,8, 10, 14, 19	RNO-11,13,16	-----
4. RWH - RAIN WATER HARVESTING	-----	RNO- 12,13,15	RNO-9,12,17,20	RNO-16,17, 18, 19, 20, 21, 22
5. SHG- SELF HELP GROUP	RNO-1,3	-----	RNO-7,8	
6.RBI - RESERVE BANK OF INDIA - Role Of RBI in Central Of Credit	RNO-4,5,6,7,8,9	RNO-1,2,3,9,16	RNO-6,21,22	-----

2. Make 10 MCQ questions from each chapter done in class
3. Do case study questions / source based questions in your copy of each chapter

ACCOUNTANCY**(For XII A, XII D)**

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 (Book -3)

Project- 2 Specific Company assigned to you (Give print out of Data discussed in class)

Project -3 GST (Goods & service Tax)

3. Do scanner questions of all chapters done in class in new copy (last year 10 year questions)(given in the back of book)

ENGLISH

1. Write a report on:

- a)the book fair organised in your school recently
- b) sports day celebration held in your school
- c) a road accident you witnessed while coming home

2. Write a job application with biodata for

- a)the post of accountant in a reputed firm. Attach your biodata.
- b) for the post of mathematics teacher in St. Stephens public school Noida.
- c) for the post of computer operator in a reputed company.

- 3 Write a letter to the editor on:

- a) increasing number of road accidents due to stray animals.
- b) unannounced power cuts in your locality.
- c) increasing awareness for child rights and abolition of child labour

- 4Write a formal invitation for:

- a) the annual sports meet to be organised in your school.
- b)inviting Chief Guest in the annual day celebration at your school.
- c) write a reply sending your acceptance for attending the annual function as Chief Guest.

5. Write an article on

- a) Child Labour
- b)Environmental Pollution and global warming.
- c) Conservation of wild life

6. Write a notice for

a) blood donation camp b) inter school football match c) meeting of student council with the principal

7. Write two unseen passages for comprehension with solutions.

8. Make project on Lost Spring

9. Revise the chapters completed in the class.

INFORMATICS PRACTICES

(PRACTICAL WORK)

Data Handling using PANDAS (Series and DataFrame)

1 Create a pandas series from tuple

2 Create a pandas series from list and rename their row indices

3 Create a pandas series from dictionary and displaying selected elements at specific indices of the series

4 Create a pandas series from ndarray

5 Create a pandas Series from list and update the series element at specific index terms and add elements of both series to find total marks obtained in both the terms

7 Create a pandas series from list and display the output of head() & tail() functions on series and also show slicing on series.

8 Create a pandas series from ndarray and delete the element from series using del and pop

9 Create a pandas data frame from ndarray and display elements of selected columns and rows of a data frame

10 Create a pandas DataFrame using dictionary and add column and row into the data frame

11 Create a pandas DataFrame using dictionary and delete column and row from the data frame

12 Create a pandas DataFrame using dictionary and display output of data frame using head() and tail() function

13 Create a pandas DataFrame using list of dictionaries and display elements of data frame using row wise and column wise iteration

14 Create a pandas DataFrame using dictionary of lists and create Boolean indexing and display elements of data frame using boolean index

15 Create dataframe and writing it into csv file and read the csv file then display data from cvs file

PHYSICAL EDUCATION

(THEORY WORK)

Theory work need to be done in physical education notebook.

Q1. Define management. Explain in detail the functions of sports events management?

Q2. Define combination tournament. Draw a fixtures of 16 teams using Knockout-cum-league method?

Q3. Define spinal curvature deformities and list their causes and precautions?

Q4. Write in brief the corrective measures of bow legs, knock knees and flat foot ?

Q5. Which are the asanas practised for preventing hypertension, obesity and diabetes ? Write in detail about any two of them?

Q6. Explain surya-namaskar with their diagram of each step ?

Q7. Plan a strategy for making physical activity accessible for children with special needs?

Q8. Write in detail about paralympic , special and deaflympic ?

Q9. Whats do you mean by Healthy Weight ?

Q10. What is B.M.I, and make a Table of BMI ?

(PRACTICAL WORK)

Practical work needs to be done in practical file.

Q1 Learn and prepare all test (that you have written in your practical notebook) SAI KHELO INDIA TEST AND BPFT ?

Q2. Learn, prepare and practice of Two asana (that you have already written in your practical file) Asanas – benefits, procedure and contradictions?

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

Game	Roll number
1.kho-kho	1 to 5
2. Volleyball	6 to 10
3 Basketball.	11 to 15
4. Badminton	16 to 20
5. Table Tennis	21 to 25

Q5.Do practice of making athletic track and learn all the measurements?

BUSINESS STUDIES

Q1. Make a project on the topic assigned according to your roll numbers.

The project carries 20 marks according to marking scheme provided by CBSE.

Details of project assigned to students:

XII A	XII D
A) Principles of management- RNO- 2, 8, 12, 16,17 20 ,	A) Principles of management- RNO-2, 5, 9, 11, 17, 18, 22
B) Marketing- RNO-1,3, 4,5,6,7,9, 10,11,13,14, 15, 18, 19, 21, 22, 23	B) Marketing- RNO-1,3,4,6,7,8,9,10,12,13,14,15,16, 19, 20, 21

Q3. Practice questions (Do in your B.St copy)

- a) "Management is both science as well as art." Explain this statement.
- b) "Co-ordination is the process of achieving unity of action among inters- dependent activity and department of an organization". "Explain the nature of co-ordination in the light of this statement.
- c) "Management is intangible". Comment.
- d) Explain the following principles of management.
 - a. Scalar chain
 - b. Esprit De Corps
 - c. Division of work
 - d. Unity of Direction
 - e. Subordination of individual interest to general interest
 - f. Equity
- e) Explain the contingent nature of Management principles.
- f) For the last few years companies in India are looking at organized retailing as a good opportunity. In accordance with this view several companies have planned to enter this environment. The government too is fully supporting this approach. The main reason for the attraction of companies to this approach is the increase in the income of people. Besides, there has taken place a big change in the buying attitude of the people since the last few years. Now people want better quality products, even if they have to pay more money for them. The organized retailing is competent to fulfill this desire of the people.

Identify the three dimensions of the business environment by quoting the lines from the above.
- g) The celebration of festivals like Diwali, Id, Christmas, Lohri , Guru Parv etc. provides significant financial opportunities to many businesses like greetings card companies, confectionery or sweets manufacturers, gift manufacturing companies, etc. Name the dimension of the Business Environment highlighted by this statement.

CRAFT

Make any 2

photo frame --in this activity you have to use only the waste material.

#wall hanging with plastic spoons—you have to use the plastic spoons..& you have to make this activity beautifully..

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

#waste LED bulbs craft ..use old bulbs and you have to make different types of objects...

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) Games and sports activities
 - iii) National, religious, cultural, historical and social events and celebrations.

2. Objects Study

- Arrange Two or three objects with drapery (in different colours for background) water colour(half imperial)
- 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

प्रश्न 1-किसी एक विषय पर परियोजना कार्य तैयार करें

1.जल ही जीवन है.

2. हिंदी कविता में प्रकृति चित्र

3. छायावाद के प्रमुख स्तंभ

क- महादेवी वर्मा

ख- सुमित्रानंदन पंत

ग- सूर्यकांत त्रिपाठी निराला

घ-रामधारी सिंह दिनकर

4. हालावादी कवि हरिवंश राय बच्चन

5. भीमराव अंबेडकर और उनकी विचारधारा

6. आजादी के **75** वर्षों बाद भारत का स्वरूप

7. सोशल मीडिया और हम

8. 'रियलिटी शोज़' का सत्य और कारोबारी दबाव

प्रश्न 2.किसी एक विषय पर रचनात्मक लेख लिखिए

1.अमावस की अंधेरी रात

2. तपती गर्मी और फूलों से लदे अमलतास

3. फुटपाथ की दुनिया

प्रश्न 3. समाचार पत्र से किसी एक समाचार की कटिंग काटकर चिपकाएं और बताएं कि इनमें 6 ककारों का प्रयोग कहां हुआ है