HILLWOOODS SCHOOL, GANDHINAGAR

Class XI 2024-25

Holiday Homework

MATHS

- Write the practicals shared in the Mathematics Journals

- Solve the sums shared in the Mathematics practice note book

INSTRUCTIONS FOR THE WORK	Pls Note : Questions and practical material will be shared via MS Teams.

DATE OF SUBMISSION: 21/06/2024

CHEMISTRY

- To complete investigatory project on discussed topic.(Two in group).
- Submission date is 5/7/2024

- To solve worksheet questions for chapter 1 and 2..

- To complete experiment 1 and 2 in journal.

INSTRUCTIONS FOR THE WORK	To complete experiment 1 and 2 in journal.

DATE OF SUBMISSION: 5/07/2024

ENGLISH

THE PHOTOGRAPH	• Explain the importance of parents in the family. • On the context of the poem how do you love and care your mother? • Collect data about condition of old age homes in our country, living condition there, number of old age homes.
THE VOICE OF THE RAIN	• Write all about benefits of going amidst nature. • Why man find peace and solidarity there? • Collect data of important natural destinations of our country.
THE ADVENTURE	• Elaborate your any personal experience about any kind of fear haunted you yet. • How did you overcome that fear? • Collect data about types of fear people have in your locality and how they are trying to overcome it
INSTRUCTIONS FOR THE WORK	• FORMAT: A4 SIZE PAGE COLOUR PAPER, HANDWRITTEN, • COVER PAGE • INDEX • ACKNOWLEDGEMENT • INTRODUCTION • MAIN CONTENT • CONCLUSION/SUMMARY • BIBLIOGRAPHY

DATE OF SUBMISSION: 23/06/2024

ECONOMICS	
1.	The effects of foreign direct investment on economic development.
2.	The economic implications of geopolitical tensions and trade disputes among WTO countries.
3.	Walmart and Flipkart deal: Impact on Indian Economy.
4.	An examination of the role of the new education policy in promoting inclusivity and reducing disparities in education.
5.	Demand and its determinant, the elasticity of demand with a case study.
INSTRUCTIONS FOR THE WORK	- FORMAT: A4 SIZE PAGE, HANDWRITTEN, PAGE LIMIT 20-25 - COVER PAGE - INDEX - ACKNOWLEDGEMENT - INTRODUCTION - MAIN CONTENT - CONCLUSION/SUMMARY - BIBLIOGRAPHY

[ANY ONE TOPIC]

DATE OF SUBMISSION: 20/07/2024

BUSINESS STUDIES

1.	**Project One:** Field Visit
2.	**Project Two:** Case Study on a Product
3.	**Project Three:** Aids to Trade
4.	**Project Four:** Import /Export Procedure (any 1 procedure)
5.	**Project Five:** A visit to any State Emporium (other than your school state).

INSTRUCTIONS FOR THE WORK	At the end of the stipulated term, each student will prepare and submit his/her project report. Following essentials are required to be fulfilled for its preparation and submission.
	
	○ The total length of the project will be of 25 to 30 pages.
	○ The project should be handwritten in A4 size colour sheets.
	○ The project should be presented in a neat folder.
	○ The project report should be developed in the following sequence-
	   ■ Cover page should include the title of the Project, student information, school and year.
	   ■ List of contents.
	   ■ Acknowledgements and preface (acknowledging the institution
	   ■ the places visited and the persons who have helped).
	   ■ Introduction.
	   ■ Topic with suitable heading.
	   ■ Planning and activities done during the project, if any.
	   ■ Observations and findings of the visit. Conclusions (summarized suggestions or findings, future scope of study).
	   ■ Photographs (if any).
	   ■ Appendix
	   ■ Teacher's observation.

- Signatures of the teachers.

At the completion of the evaluation of the project, it should be punched in the
centre so that the report may not be reused but is available for reference only.
The project will be returned after evaluation. The school may keep the best
projects.

DATE OF SUBMISSION: 28/06/2024

ACCOUNTANCY
TOPIC: ACCOUNTING VOUCHERS

- Cover page: It is the first page of the file and should mention the topic of the project, identity of the student, class, subject, teacher in charge and school name.

- Acknowledgement: Self declaration of an expression of gratitude towards the teacher in charge (with post at school) for their guidance in completing the project as per CBSE guidelines.

- Certificate: This will be provided by the teacher in charge after completion of the project.

- Index: It will mention the different stages undertaken while completing the project

INSTRUCTIONS FOR THE WORK	- The project should be hand written. Only the cover page could be designed and printed. - Students are required to collect at least 10 source documents (vouchers). - Prepare accounting vouchers on the basis of these source documents. - Record journal entries on the basis of these accounting vouchers. - Reference material and sources to be mentioned on the last page. - The project should be submitted in form of a Spiral Bound Book of A4 size. - Criteria for Evaluation: - Content – 10 + Presentation – 5 + Creativity – 5 = 20 marks.

DATE OF SUBMISSION: 20/06/2024

BIOLOGY
• Prepare PPT of investigatory project
• Write experiments in lab Journal.
• Write worksheet question answers of Unit III in classwork notebook

| **INSTRUCTIONS FOR THE WORK** | 1. INSTRUCTIONS FOR INVESTEGATORY PROJECTS
  a. Make separate slides for each headings
  b. Number of slides should be 10-15
  c. Use images to make your PPT more informative
  d. PPT includes following headings:
  e. AIM, CERTIFICATE, ACKNOWLEDGEMENT, INDEX, CONTENT, OBSERVATION, RESULT, PRECAUTIONS, BIBLIOGRAPHY

2. INSTRUCTIONS FOR PRACTICAL JOURNAL
  a. Write the experiments discussed in class
  b. Draw the neat and labelled diagrams

3. INSTRUCTIONS FOR WORKSHEET
  a. Write question answers of chapters 8,9 &10 of unit III in class wok notebook.
  b. Draw neat and labelled diagrams |
| **DATE OF SUBMISSION: 20/06/2024** ||

PHYSICS

- Prepare PPT of investigatory project

- Write ACTIVITY 1 & 2 in lab Journal. (Paper Scale and graph)

- Write the experiment : To calculate force constant of a helical spring by plotting graph of load vs extension.

- Solve assignment sheet uploaded on MS Teams

INSTRUCTIONS FOR THE WORK	1. INSTRUCTIONS FOR INVESTIGATORY PROJECTS
	  a. Make separate slides for each headings
	  b. Number of slides should be minimum 10-15
	  c. Use images to make your PPT more informative.
	  d. Design a very creative cover page for project file.
	  e. PPT includes following headings:
	    i. AIM,
	    ii. CERTIFICATE,
	    iii. ACKNOWLEDGEMENT ,
	    iv. INDEX,
	    v. CONTENT,
	    vi. OBSERVATION,
	    vii. RESULT,
	    viii. PRECAUTIONS
	2. INSTRUCTIONS FOR PRACTICAL JOURNAL
	  a. Write the ACTIVITIES discussed in class
	  b. Draw the neat and labelled diagrams

DATE OF SUBMISSION: 24/06/2024

ENTREPRENEURSHIP

1.	Visit of the District Industries Centre and prepare a report of activities and programs undertaken by them
2.	Conduct a case study of any entrepreneurial venture in your nearby area.
3.	**Field Visit:** Visit any business firm near your locality; interact with the owner of the business firm and prepare a field report on parameters like: type of business, scale of business, product/service dealing in, target customer, problems faced and measures to solve the faced challenges
4.	Know your State Handicraft and Handlooms as a means of economic activity for the livelihood of people and intellectual property rights attached to them for the promotion of local specific skills.
INSTRUCTIONS FOR THE WORK	- Introduction of topic/title - Identifying the product/service/entrepreneur - Identify the State handicraft - Various stakeholders and effect on each of them - Use of different tools for market assessment and it's analysis - Calculation of various costs involved in the selling process - Validity, reliability, appropriateness and relevance of data used for research work and - for presentation in the project file - Presentation and writing that is succinct and coherent in project file - Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc. - BIBLIOGRAPHY

[ANY ONE TOPIC]
DATE OF SUBMISSION: 15/07/2024

PHYSICAL EDUCATION

RECORD FILE SHALL INCLUDE

- **Practical-1:** Fitness tests administration. (SAI Khelo India Test)

- **Practical-2:** Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.

- **Practical-3:** Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.

INSTRUCTIONS FOR THE WORK	• CBSE practical in practical file from Text book

DATE OF SUBMISSION: 29/07/2024

COMPUTER SCIENCE

1.	Write a Python program to convert temperature in degree Celsius to degree Fahrenheit. If water boils at 100 degree C and freezes as 0 degree C, use the program to find out what is the boiling point and freezing point of water on the Fahrenheit scale.**(Hint: T(°F) = T(°C) × 9/5 + 32)**
2.	Write a Python program to calculate the amount payable if money has been lent on simple interest. Principal or money lent = P, Rate of interest = R% per annum and Time = T years.P,R,T are given by user. Then Simple Interest (SI) = (P x R x T)/ 100. **Amount payable = Principal + SI**
3.	Write a program to enter two integers and perform all arithmetic operations on them.
4.	Write a program to swap two numbers using a third variable.
5.	Write a program to swap two numbers without using a third variable.
INSTRUCTIONS FOR THE WORK	• Write following programs in Computer Science Journal.
DATE OF SUBMISSION: 20/06/2024	

INFORMATION PRACTICES

1.	Write a Python program to convert temperature in degree Celsius to degree Fahrenheit. If water boils at 100 degree C and freezes as 0 degree C, use the program to find out what is the boiling point and freezing point of water on the Fahrenheit scale.**(Hint: T(°F) = T(°C) × 9/5 + 32)**
2.	Write a Python program to calculate the amount payable if money has been lent on simple interest. Principal or money lent = P, Rate of interest = R% per annum and Time = T years.P,R,T are given by user. Then Simple Interest (SI) = (P x R x T)/ 100. **Amount payable = Principal + SI**
3.	Write a program to enter two integers and perform all arithmetic operations on them.
4.	Write a program to swap two numbers using a third variable.
5.	Write a program to swap two numbers without using a third variable.
INSTRUCTIONS FOR THE WORK	1. Solve worksheet – 1 (Fundamentals of Computers) in notebook. 2. Write following programs in Computer Science Journal.

DATE OF SUBMISSION: 20/06/2024