

# RAMAKRISHNA SENIOR SECONDARY SCHOOL

## SUMMER HOLIDAY HOMEWORK

### CLASS XI (2024- 25)

**Dear Parents**

***Greetings from the RKS Fraternity!***

The Academic Session 2024-25 has begun in full swing and students have settled well in their classes. Now is the time for Summer Break. The School will be closed for Summer Break from May **23, 2024** to **June 30, 2024**. The school will reopen on **July 1, 2024**. In order to keep our students well engaged, we are sending the **Summer Holiday Homework**.

#### **General Instructions:-**

1. Do all the work as specified by the subject teacher.
2. Submit your Holiday Homework in the first week of July as per the teacher's instructions.
3. The students must do their work neatly in their own handwriting. Marks of Internal Assessment will be awarded only if the students do the work in their own handwriting.

Summer Vacations are the most awaited holidays by the students. It is also a time to enjoy those little pleasures of life that get overlooked during the busy school routine. They get a positive bounce back when they rejoin school after this much-needed break. There are a few things that students can keep in mind to utilize this break fruitfully.

- Go for educational trips and excursions.
- Spend quality time with family and friends
- Pursue your hobbies and interests
- Sharpen your skills and develop new ones
- Follow a fitness regime to stay agile both mentally and physically
- Learn and explore new things
- Relax your body and mind because, „***'A Healthy Mind Lives in a Healthy***

***Body'. 'Have a delightful and productive Summer Break***

**ENGLISH:**

1. Prepare a General Studies Project on the topic 'Science and Technology' on A4 sized white ruled sheets.

- Application of Science and Technology
- Emerging Technologies
- Science and Technology in the Social Context 'Science and Society'

Resources such as newspapers, books, magazines, TV Channels and the internet (relevant websites) can be used.

The project should include the following:

Cover Page ( Name, Class, Section)

- Title of the topic

Index

Certificate of Completion

Acknowledgement

- Introduction to the topic
- How science and technology are related
- Role of advancing technology in the society
- Application of technology benefitting the society

Enumerate the emerging technologies

- What will be your contribution towards the simultaneous development of society and technology
- Conclusion
- Bibliography/ list of resources used.

2. Attempt the following Comprehension Passages in Evergreen Practice Papers(book):

Evergreen Test Assignment-1

Evergreen Test Assignment 3

Evergreen Test Assignment 5

3. Attempt the following Gap Filling questions in :Evergreen Test Papers(book):  
Evergreen Test Assignment-9 Page No-122. Q.1 to Q.6

4. Attempt the following Poster Making Questions in the classwork register.

Evergreen Practice Papers Evergreen Test Assignment-6 Q.4. Page - 156 and  
Evergreen Test Assignment-8, Q.8. Page no. 160

5. Read the chapter - 'The Address' from Hornbill Book and write brief character sketches of the following:

Mrs. Dorling

Narrator

6. After reading the lesson 'The Portrait of a Lady' from the Hornbill Book, do the following:

Talk with your family members about elderly people who you have been intimately connected with and who are not there with you now. Write a short description of someone you liked a lot. Word limit - 120-150 words.

7. Revise the syllabus covered so far in the class.

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### **PHYSICS:**

1. Prepare a general studies project on the following

topic "**Workforce education skills**"

- Soft skills
- Digital skills
- Industry specific skills
- Financial skills

2. Revise all the topics done in the class till now.

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## **CHEMISTRY**

1. **GENERAL STUDIES PROJECT** (as per CBSE guidelines)

**Topic : Current trends in Socio-Economic Structure**

**Prepare a project report on the above topic.**

**Instructions to be followed:**

i. **Maximum pages: 10-12**

ii. **Use white A4 sized ruled sheets(one side) only**

**3 Sub topics to be covered in the project report:**

a. **Current trends in socio economic structure**

b. **Socio Economic Structure**

c. **Implementing Social Protection Strategies**

d. **Limitations and uncertainties of Socio economic structure**

2. **Complete the classwork done so far and do the following questions in the CW/HW Notebook.**

**Ch-2 : Back exercise questions-Q.2.1 to Q.2.8**

3. **Write the practicals done so far in your practical file.**

**A. Basic Laboratory Techniques**

1. **Cutting glass tube and glass rod**

2. **Bending a glass tube**

3. **Drawing out a glass jet**

4. **Boring a cork**

**B. Characterization and Purification of Chemical Substances**

1. **Crystallization of impure sample of the following salts : Alum, Copper Sulphate**

4. **Revise and practice all the assignments of question Bank [QUESTION BANK CLASS - XI-CHEMISTRY](#).**

## **MATHS**

1. **Make the presentation of the chapter sets**

2. **Make the general studies project on the topic, " Nation buliding"**

\* **Meaning and importance of National Internation.**

\***Historical context of Nation Building.**

\***The role of education and media in Nation Building**

\***Challenges and Limitations of Nation Building.**

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## **COMPUTER SCIENCE** [All HHW to be submitted on 1<sup>st</sup> JULY]

☐ **Revise CH 1, 2 and 3.**

☐ **Do the following questions from Text Book in Computer Science CW/HW register:**

## 1. Ch 1: Computer System Overview

□Q1, Q2, Q3, Q6 Q11 (pg 20)

## 2. Ch 2: Data Representation

□Q6 to Q9 (pg 39)

□Pg 44 : Q2 (b), Q3 (c), Q4 (c), Q6 (c), Q7 (a), Q9 (c), Q13 (b), Q15(c), Q18 (c)

## 3. Ch 3: Boolean Logic

□Pg 76: Q2, Q3, Q5, Q6, Q8, Q9, Q15, Q16, Q17, Q18

4. Make a \*General Studies Project\* for the given topic covering the given subpoints. The project must be made on powerpoint and should include 10-12 slides. Take printout of these slides.

\*Promoting Global Understanding\*

i) Global Conflict analysis and resolution

ii) Global Voices

iii) Global Environmental Ethics

iv) Global Understanding through Travel



## **BIOLOGY**

A) Do all the experiments on big sheets as per your file size (green colour) one side plain and other side ruled. For diagrams used plain side only.

1. Preparation and study of T.S. of dicot and monocot roots and stems (primary).

2. Study of osmosis by potato osmometer.

3. Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb).

4. Study of distribution of stomata on the upper and lower surfaces of leaves.

5. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.

6. Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.

B) Revise Chapter 1 , 2 , 3 , 4 for the syllabus covered.

C) Practice the questions from Question Bank uploaded in the classroom.

D) Make a General Studies Project for the given topic covering the given sub points. The project must be include 10-12 pages.

\*Promoting Global Understanding\*

i) Global Conflict analysis and resolution

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## **PHYSICAL EDUCATION**

File Work

1. Yoga

Write down any 10 Asanas- procedure,

benefits and contraindications

explain them and paste their picture in front of them.

2. Game

Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of your choice.

Including:

1. History of the game

2. Labelled diagram of field/court paste/draw.

3. Equipment used

4. Fundamentals Skills

5. Terminologies

6. Basic Rules

Make the project on general studies on the topic

"Human Rights"

- The universal declaration of Human Rights and it's significance
  - The responsibility of individuals, communities, and business in promoting Human Rights.
  - The relationship between Human Rights and sustainable development.
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## **WORK EXPERIENCE**

Prepare a Project on

Visit an Old Age Home and organise the activities for the aged people.

Title of Project file: ***Visit to an Old Age Home.***

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