

RAMAKRISHNA SENIOR SECONDARY SCHOOL

SUMMER HOLIDAY HOMEWORK

CLASS XI (2023-24)

Dear Parents

Greetings from the RKS Fraternity!

The Academic Session 2023-24 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 **21, 2023** to **July 2, 2023**. The school will reopen on **July 3, 2023**. 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. Resources such as newspapers, books, magazines, TV Channels and internet (relevant website) can be used.**

The project should include the following:

- Title of the topic
- Introduction to the topic
- Application of Science and Technology
- Emerging Technologies.
- Science and Technology in the social context
- Bibliography/ list of resources used

1. Attempt the following Comprehension Passages in Evergreen Practice Papers:
Evergreen Test Assignment 9,10,11,12 (Page No. 38 to 45).

2. Attempt the following Poster making questions in Evergreen Practice papers:
Evergreen Test Assignment 6 and 7 (Page No. 99 to 102).

3. Attempt the following Speech Writing questions in Evergreen Practice papers:
Evergreen Test Assignment 10 (Page No. 112 &113)

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

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:

1. Maximum pages: 10-12
 2. Use white A4 sized ruled sheets(one side) only
 3. Sub topics to be covered in the project report:
 1. Current trends in socio economic structure
 2. Socio Economic Structure
 3. Implementing Social Protection Strategies
 4. Limitations and uncertainties of Socio economic structure
 2. Revise and practice all the questions done in the class till now.
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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 3rd July]

- 1) Revise chapter 1 and chapter 2

2) Read chapter 3: Boolean Logic

3) Do

- Ch 1: Q3, Q7, Q10, Q11, Q24 and Q27 (Pg 20).
- Ch 2: Pg 42->Q3 [Part i, v, vi], Q4 [Part i, ii, iii, iv], Pg 43->Q5 [All Parts] & Pg 46->Q1, Q2, Q3, Q4, Q5 and Q10 in CW/HW register.

4) Make a *General Studies Project* for the given topic covering the given sub points. The project must be made on powerpoint and should include 10-12 slides. Take printout of these slides as discussed in class.

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

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PHYSICAL EDUCATION

Prepare a Project on the topic 'First Aid' on A4 sized white ruled sheets.

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.***
