

HOLIDAY HOME WORK

CLASS 12 RUBY

SESSION: 2022-22

PHYSICS

- Write all 8 Experiments in your Physics Practical file
- Do Assignment Questions on topic Kirchoffs laws from Chapter Current Electricity
- Do Assignment Questions on topics Coulomb's law and Electric field from Chapter Electrostatics
- Make 1 Investigatory Project (on a topic from class 12)
- Revise Chapter Current Electricity and Chapter Electrostatics

MATHEMATICS

- COMPLETE & SUBMIT MATHS LAB MANUAL ACTIVITIES 1 TO 10.
- COMPLETE AND SUBMIT ASSIGNMENTS 1 & 2.

CHEMISTRY

- Chemistry experiments marked in the file has to completed in the practical file.
- Chemistry project, soft copy to be submitted before 1st July.
(judyauxcilia@gmail.com)
- Practice question from chapter 10 and chapter-2

ENGLISH

VIDEO PRESENTATION AND PROJECT WITH CASE STUDY ON ANY ONE TOPIC (GROUP COMPILATION):

1. LINGUISTIC CHAUVINISM
2. TEACHING IS DIFFERENT FROM IN THE PAST
3. THE EVOLVING ROLE OF THE TEACHER
4. CHILD LABOUR- PERSPECTIVE AND CHALLENGES
5. REFUGEES AND ILLEGAL IMMIGRANTS
6. FEAR AND PHOBIA
7. ANXIETY AND PANIC DISORDER
8. AGEING AND HEALTH
9. THE RISING TREND OF OLD AGE HOMES
10. HERO WORSHIP- FILM AND SPORTS ICON
11. WATER SPORTS
12. INDOOR GAMES
13. EARLY DAYS OF INDIAN CINEMA
14. DIFFERENT MEDIA OF COMMUNICATION
15. EMERGING TREND OF ROADSIDE EATERIES

BIOLOGY

- Complete the exercise questions of chapters 3 and 4.
- Answer the assignment questions (worksheet) of chapters 2, 3 and 4.
- Select a suitable project on any disease (genetic or life style) running in your family and make a project report with case study.
- Complete the questions given from Chapter 4.
- Revise the portions taught thoroughly.

COMPUTER SCIENCE

- Prepare a powerpoint presentation on **Computer Networks** with minimum 25 slides showing importance of networking, medium of Communication, various devices used and network topologies.

ENGINEERING GRAPHICS

- Make the Isometric View Model of Machine Drawing with soap cutting.

PHYSICAL EDUCATION

I. Prepare Project File on

(a): Fitness tests administration.

(b): Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.

(c): Anyone game of your choice out of the list.

(Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket)

Labelled diagram of field & equipment (Rules, Terminologies & Skills).

II. Prepare a PPT on how to organize sports tournament/ event and explain all the responsibilities of various committees involved (group activity - topics already given in the class).

III. Write a report after reviewing 3 interviews/ studies on how female athlete deal with Female Athlete Triad.

Keeping in mind all these physiological challenges, give your opinion on how young girls and their family can approach sports participation positively.

(Minimum 5 pages).

IV. Prepare a video /videos of you performing the following Asanas with step by step procedure for prevention of lifestyle diseases.

Obesity:Vajrasana, Hastotansana, Trikonasana, Ardha Matsyendrasana

Diabetes:Bhujangasana, Paschimottanasana, Pavan muktasana, Ardha Matsyendrasana

Asthma:Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottanasana,Matsyaasana.

Hypertension: Tadasana, Vajrasana, Pawanuktasana, Ardha Chakrasana, Bhujangasana, Shavasana.