

St. Michael's Sr. Sec. School

3,Pusa Road New Delhi

CLASS 12 RUBY HOLIDAYS HOME WORK

2024-25

PHYSICS

- 1) Complete the experiments marked in the lab Manual
- 2) Revise Chapter1 – Electric charges and Fields
Chapter 2 – Elec. Potential and Capacitance
Chapter 3 – Current Electricity
- 3) Complete the Assignments given from Chapters 1, 2 and 3
- 4) Practice Numericals from Chapters 1, 2 and 3 of NCERT
- 5) Physics Project soft copy to be submitted before 1st July
(rosyg1912@gmail.com)

CHEMISTRY

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

ENGLISH

To prepare a Project on any one topic:

1. Time Travel: Fact or Fiction
2. Impact of Cinema
3. Urban Slums
4. Child Labour
5. Old Age and Loneliness

BIOLOGY

1. Revise chapters 1 to 3 and chapter 4 till Mendel's laws of Inheritance.
2. Solve the work sheets given from these chapters.
3. Make an Investigatory project on any one disease specially seen in the family.
4. Complete the assignments of chapter 2 and 3.
5. Complete the practical file written work.

COMPUTER SCIENCE

EXECUTE 10 PROGRAMS BASED ON FUNCTIONS AND SUBMIT IN A PEN DRIVE WITH SCREENSHOTS IN A WORD FILE

PREPARE A PPT ON NETWORKING (ORIGINAL WORK)

MATHEMATICS

1. Mathematics Lab Activities to be written in Mathematics Lab Manual neatly along with figure work.
2. Practice R.D. SHARMA MCQ for chapters 1 to 4
3. Complete Assignment 1 – Miscellaneous Exercise of chapter 1 in Maths register.
4. Revise Chapters 1 to 4.

PHYSICAL EDUCATION

1. YOU HAVE TO ORGANIZE A TWO DAYS BASKETBALL OR FOOTBALL INTERSCHOOL TOURNAMENT FOR JUNIOR BOYS AND JUNIOR GIRLS CONSISTING OF EIGHT TEAMS EACH. THE TOURNAMENT WILL TAKE PLACE IN 4 WEEKS TIME. YOU HAVE BEEN GIVEN A BUDGET OF Rs. 50,000/- PLAN OUT THE MANAGEMENT OF THE TOURNAMENT ALONG WITH TIMELINE OF PREPERATION & EVENTS INCLUDING THE DETAILS REGARDING COMMITTIIES INVOLVED, TOURNAMENT FIXTURE AND INCOME EXPENDITURE REPORT.
2. MAKE A WEEKLY TRAINING PROGRAM FOR OPTIMUM HEALTH & LONGEVITY - COMBINING ENDURANCE, STRENGTH, SPEED, FLEXIBILITY & COORDINATIVE ABILITIES. MENTION THE DETAILS OF THE VOLUME AND INTENSITY OF THE EXERCISE IN TERMS OF REPETITION, SETS, 1RM, PROGRESSIVE OVERLOADING, TARGET MUSCLE GROUP, RECOVERY & NUTRITION ETC.
3. ADMINISTRATION OF SAI KHELO INDIA FITNESS TEST ON TWO SUBJECTS (TAKE CONSENT FROM THE SUBJECT & THEIR PARENTS). AND WRITE ALL THE STEPS.
4. ANYONE IOA RECOGNIZED TEAM SPORT/ GAME OF CHOICE. LABELED DIAGRAM OF FIELD & EQUIPMENTS AND ALSO MENTION ITS RULES, TERMINOLOGIES AND SKILLS.