



ST. C.F. ANDREWS SCHOOL

SUMMER HOLIDAY HOMEWORK (2023 - 2024)

CLASS 12th

SCIENCE

ENGLISH

Instructions:-

1. Utilize your summer vacation constructively. Read good books /English newspaper daily. Obey your parents & help them. Be in touch with your subjects. Learn 5 new words with meaning daily.
2. All summer assignments must be done in a separate assignment copy.

Dear Students,

You are required to go through the given Holiday Homework.

Q1. *Writing Article:-*

In India, the urban poor live in sub-human conditions in slums. Write an article on 'Possible Steps to Deal with Slums in India'. You are Kundan or Kashish, City Reporter of a newspaper. You can take help from the following visual. (Word limit: 120 – 150)

Q2. *Writing Letter to the Editor:-*

Admission to higher education is becoming increasingly difficult with cut-off lists for admission to universities and colleges constantly rising. Write a letter in about 120 – 150 words to the editor of a national newspaper voicing your concern over the issue.

In your letter you should

- give instances of cut-off lists going up, in some cases touching 100% marks
- say how it will make higher education go beyond the reach of the majority of students who score less
- suggest what should be done to ensure that the benefits of higher education opportunities reach the maximum number of people

Mathematics

Q.1 Objective:- To verify that the relation R in the set L of all lines in a plane defined by

$R = \{ (l, m) : l \text{ perpendicular } m \}$ is symmetric but neither reflexive nor transitive.

Q.2 To demonstrate a function which is not One-One but is Onto.

Q.3 Make concept sheet of Ch1 , Ch2& Ch3 .

Q.4 Practice Ch1,2,3&4 from NCERT, RD Sharma and Ncert exemplar book.

Biology

Make a project file on menstrual cycle with case based questions and hots.

CHEMISTRY

1. Prepare 200 questions with answers of unit solution.

2. Prepare 200 questions with answers of unit electrochemistry.

Note:- 50 questions objective, 50 questions theoretical and 100 questions of numerical .

PHYSICS

1.Revise the topic taught.

2. Revise first two chapters of part-1

Chapter-1:Electric charges and fields

Chapter-2:Electrostatic Potential and Capacitance

3.Do NCERT intext and back exercises in Home work note work.

4.Select an investigatory project on one of the topic given in physics laboratory manual.

PHYSICAL EDUCATION

Make a Project File on IPL(T20) Cricket Tournament -2023