

**11 (Science+ Commerce)
Summer Break Holiday HW**

SUB- ENGLISH

READING TASKS :

Q1. Go through an English Daily everyday till the break ends and collect 5 new words everyday and write them with their meanings in your homework copies.

INFORMATION GATHERING TASKS :

Q2. Collect information about the great Indian multi talented personality -- KHUSHWANT SINGH. Prepare a bio- Sketch about him in not more than 70 words.

GRAMMAR

Q3. Prepare a TENSE CHART using colour pens. Write every structure with examples of your own.

WORD VOCABULARY SKILLS :

Q4. Find out the meaning of the below mentioned words and write in your homework copies.

Enormous, Residual, Stalwart, Contemplation, Consequence, Ragamuffin, Acquaintance, Harbour, Compensation and Summon

Subject- Biology

- 1) Consciousness is a defining property of living organisms.” Explain.
- 2) How are zoological parks useful to biologists.
- 3) Explain the utility of systematics for classification
- 4) What advantages does the five-kingdom classification have over the two-kingdom classification?
- 5) What is Biological classification? What is the need for classification?
- 6) What is a taxon? Illustrate the taxonomic hierarchy with a suitable example?

Subject: Chemistry

Q.1)What are Significant Figures?

2)Give the number of significant figures in each measurement.

36.7 m 0.006606 s 2,002 kg 306,490,000 people

3)Calculate the correct number of significant figures for the final solution:

a. $76.4 \times 180.4 = ?$

b. $934.9 \div 0.00455 = ?$

4)Name the scientist who gave the law of conservation of mass.

a.Lavoisier

b.Proust

c.Dalton

d.None of the above.

- 5) State and explain law of conservation of mass
- 6) Write about Dalton's atomic theory.
- 7) Convert 0.00000046 into scientific notation.
- 8) Convert 301000000 in scientific notation.
- 9) Express the following in the scientific notation:
 A. 0.0048 B. 234,000 C. 8008 D. 500.0 E. 6.0012
- 10) Define the following terms :
 A. pure substance B. Elements C. compounds. D. Mixture

Subject: Physics

- Qn1 What is the necessity of selecting some units as fundamental units?
- Qn2 Why do we treat length mass and time as basic or fundamental quantities in mechanics?
- Qn3 Write seven fundamental quantities and their S. I. units.
- Qn4 Write the dimensional formulae for following quantities.
 a) Area b) Volume c) Speed d) Acceleration e) Force
 f) Work g) Power
 h) Pressure
- Qn5 Convert one Newton into dyne.

MATHEMATICS
(Holiday Homework)

To solve all the problems of **Complex Number** from NCERT Book.

Activity – I

To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers.

Subject: I.P

Write the differences between RAM and ROM and Different Input and Output devices

Subject : P.E.

1. Explain in detail about kheloindia
2. Explain about Fit - India program.

Subject : Accountancy

Prepare questions from chapter 1

Subject : Business Studies

Project on Multinational Company

Subject-Economics

To write and learn the notes provided in the class group of

1. The chapter - Introduction to Micro economics from the book Introductory Micro economics

SUBJECT: APPLIED MATHEMATICS

Do all the exercise questions of Binary Numbers