



HOLIDAY HOME WORK
CLASS- XI Biology (2020-21)

Let's Pen The Pandemic: Covid-19

"A dream doesn't become reality through magic. It takes determination and hard work."

General instructions:

- Revise the lessons done in all subjects.
- Complete the given Activity work on A4 size sheets, subject wise and keep it in a folder. Remember to write your name and class.

Hindi Core

1. प्रेमचंद और मीर का जीवन परिचय चार्ट पेपर पर लिखें?
2. नमक का दरोगा और मिया नसरुद्दीन पाठ का सारांश लिखें।
3. निबंध लिखें।
 - a. मेरा प्रिय कवि
 - b. भारत गांवों का देश
 - c. मेरी अविस्मरणीय यात्रा
 - d. बाल मजदूरी एक अभिशाप
4. प्रश्न: अपने क्षेत्र में पेड़-पौधों के अनियंत्रित कटाव को रोकने के लिए अपने जिलाधिकारी को एक प्रार्थना-पत्र लिखिए।
5. प्रश्न: अपने मोहल्ले में वर्षा के कारण उत्पन्न हुई जल-भराव की समस्या की ओर ध्यान आकृष्ट कराने के लिए नगरपालिका के स्वास्थ्य अधिकारी को पत्र लिखिए।

Biology

- 1- Write and learn Q/A of chapter 1, 2
- 2- Write a assignment on Biological classification.

Physics

Chemistry

Answer the following Questions:

Ques.01- State the number of significant figures in each of the following numbers

i- 3:56 ii- 35.6 iii- 0.356 iv- 0.0356

Ques.02- Find the number of significant figures in the following constants:

i- 6.626×10^{-34} js (Planck's constant)

ii- 6.02×10^{23} (Avogadro's number)

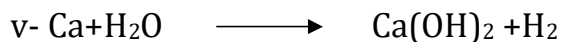
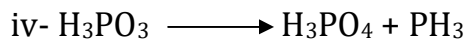
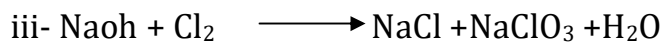
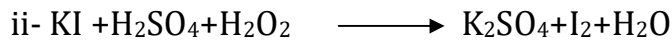
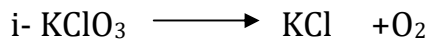
iii- $1.097 \times 10^5 \text{cm}^{-1}$ (Rydberg's constant)

iv- $5.29 \times 10^{-9} \text{cm}$ (First Bohr's radius in H)

Ques.03- Explain the following terms:

- i- Area
- iii- Velocity
- v- Force
- vii- Energy
- ix- Molality
- xi- Molecular Mass
- xiii- Atomic number
- xv- Normality
- ii- Volume
- iv- Acceleration
- vi- density
- viii- Pressure
- x- Molarity
- xii- Atomic mass
- xiv- Molar mass

Ques.04- Balance the following equation:



Ques.05- Write the importance of Chemistry.

Ques.06- Explain Why

- i- The three electrons present in 2p sub shell of nitrogen remain unpaired.
- ii- In potassium, the 19th electron enters into 4s subshell instead of 3d subshell.
- iii- Chromium has configuration $3d^5, 4s^1$ instead of $3d^4 4s^2$
- iv- The electronic configuration of Zinc. Can be represented as $[\text{Ar}] 3d^{10} 4s^2$

NOTE: FOR ANY QUERY CONSULT YOUR SUBJECT TEACHER'S
