



Homework for Winter Vacation (2023-24)-Classes 9th

Information Technology

- 1) Write about different types of Operating systems
 - Make a presentation of facts with logo and its founder
 - Features of each OS
 - Use chart paper for this activity
- 2) Use internet to find information about MSME's in India, what are different sectors where MSME's are functional. Write 5 points about each.
- 3) Make a fact sheet about startup India with proper pictorial representation.
- 4) Write an article on Atal Innovation Mission with proper diagram.(Use internet to gather information about it)
- 5) Write steps to edit the following in word processor:-
 - a) H_2SO_4
 - b) $\sqrt[3]{343}$
 - c) $\{a+b\}^2$

Biology

- 1) Why is it important to study the life cycle of mosquito?
- 2) Why does female mosquito require blood meal ?
- 3) Which type of mosquito transit Dengue ?
- 4) Write the classification of plants on chart paper or Bio-Sheet
- 5) Draw and label the Angiospermic plant-mustard also write Kingdom,Division,Genus and species.

Chemistry

Make a chart for intermediate state between a solution and suspension (i.e Colloids) Draw five examples.

Physics

Paste the pictures of different types of sources of energy on chart paper & write few words to every source of energy as pasted pictures.

Mathematics

Project Work:-

- 1) Draws the labeled diagram(on chart paper) of a circle having as :-
 - a) Circumference
 - b) radius
 - c) diameter
 - d) chord
 - e) secant
 - f) major segment
 - g) minor segment
 - h) major sector
 - i) minor sector
 - k) Arc
- 2) Write "All theorems on circle " on A4 size paper with proof in a stick file.
- 3) Complete fair copy of quadrilateral.

Social Studies

CLASS-IX

1. Who was the propaganda minister of Hitler?
2. What was the impact of the Great Depression on the US?
3. Write a brief note on the eleven-year-old Helmuth's experiences of Germany.
4. What were the steps taken by Hitler to strengthen the Nazi youth and children?
5. Hitler considered men and women two different worlds. Explain
6. How does the latitude affect India's climate?
7. India lies in which climatic region? Explain.
8. In spite of abundant rainfall, India is a water-thirsty land. Why is it so?
9. Describe the regional variations in the climatic conditions of India with the help of suitable examples.
10. When does tropical cyclone occur in India?
11. Give the main feature of Rural Employment Generation Programme.
12. Give an account of the inter-state disparities in poverty in India.
13. "The proportion of poor people is not the same in every state." Justify the statement.
14. State how social exclusion can be used in understanding poverty in India?
15. What is India's most compelling challenge in context of poverty?
16. What is an election petition?
17. Election are considered essential for any representative democracy. Why?
18. What does the term rigging mean?
19. Write about the slogan "Garibi Hatao".
20. Explain the electoral system of India?
21. Make a model of Save Earth.

Hindi

शीतकालीन अवकाश परियोजना

1. "व्यक्ति की पहचान उसकी पोशाक से होती है" ' इस विषय से संबंधित पक्ष और विपक्ष पर परियोजना तैयार करे, ए/4 साईज पेपर पर।
2. कविता 'एक फूल की चाह' का अर्थ अपनी उत्तर पुस्तिका में लिखें तथा परियोजना तैयार करें।
3. आँख से संबंधित मुहावरों की सूची तैयार करे और अर्थ लिखे तथा इस विषय पर परियोजना तैयार करें।
4. 'महानगरों में आवास की समस्या' ' विषय पर परियोजना तैयार करें।

English

- Write theme & Summary of all poems of English book in stick file only.