

ACCOUNTS

MANAGEMENT ACCOUNTING- Do question 22 and 24 of chapter 2 in Accounts notebook.

CHEMISTRY

Group 17

A. Give reasons for the following :

1. Why the members of halogen family are electronegative in nature?
2. Fluorine is the most electronegative element but electron gain enthalpy of fluorine is less than that of chlorine.
3. Halogens are generally colored.
4. Why halogens are good oxidising agent?
5. Among the hydrides of halogen which one is most acidic and why?

B. Answer the following :

1. Write the formula of oxides of fluorine.
2. Explain the following trends with reason :
 - (a) $\text{HClO} > \text{HBrO} > \text{HIO}$
 - (b) $\text{HClO}_4 > \text{HClO}_3 > \text{HClO}_2 > \text{HClO}$
3. Define Interhalogen compounds.
4. Why Interhalogen compounds are more reactive than halogen constituting them?
5. Draw the structure of Interhalogen compounds. Also state the hybridisation of the central atom and geometry of the molecule.

C. Write balanced chemical equation for the following :

- (a) Chlorine with H_2S , NH_3 , cold- dilute NaOH and hot -conc NaOH .
- (b) Hydrochloric acid with ammonia, carbonates and sulphites, reaction showing the formation of aqua regia.

Group 18

Answer the following :

1. Among noble gases why xenon form compounds?
2. What is the reason behind the late discovery of noble gas compounds?
3. Why helium and neon do not form compounds?
4. Write balanced chemical reaction showing the preparation of xenon fluorides and oxides.
5. Draw the structure for XeF_2 , XeF_4 , XeF_6 and XeO_3 . Also state the hybridisation of the central atom and geometry of the molecule

ENGLISH LANGUAGE

Question 1

Write a composition (in approximately 400--450 words) on anyone of the following topics.

(You are reminded that you will be rewarded for orderly and coherent presentation of material, use of appropriate style and general accuracy of spelling, punctuation and grammar.)

Narrate an experience of yours when your parents went out of station leaving you alone to look after the house and the dog.

Give a vivid description of a popular wayside restaurant and account for its popularity.

- (c) Failure is the best passport to success. Express your views either for or against this proposition.
- (d) Sacrifice.

- (e) Nice people are seldom successful and thoroughly successful people are seldom nice. Discuss.
- (f) Write an original short story beginning with the following words:
“Everything went horribly wrong that evening.....”

POLITICAL SCIENCE

1. What do you mean by Liberal Democratic states? Explain any six of its salient features.
2. Why a liberal democratic state is regarded as the best form of state?
3. What is meant by a limited government in a Liberal Democracy?
4. Explain six merits and six demerits of Liberal Democratic states.
5. How is the role of the executive defined and limited in a Liberal Democratic state?
6. What is the meaning of social and economic checks and balances in a liberal democracy?
7. How is liberal democracy a representative government?