08.01.20   TT –Chemistry

STD:XI (Maj)   Marks:25

I. Answer in one word or one sentence: 5x1=5

1. Why were alkanes known as paraffins?

2. Give the general combustion equation for any alkane.

3. What are called conformations?

4. What is meant by torsional strain?

5. What is torsional angle?

II. Answer in Short: 3x2=6

6. What is isomerisation? Give the chemical equation.

7. Explain Aromatisation with relevant chemical equation.

8. How do alkanes react with steam?

III. Answer in brief: 3x3=9

9. For the compound C_4H_8 (one double bond), Write structural formulas and IUPAC names for all possible isomer.

10. How are alkanes prepared from alkyl halides? Explain reduction and Wurtz reaction.

11. Explain Kolbe's electrolytic method in the preparation of alkanes.

IV. Answer in detail: 1x5=5

12. Explain the reaction mechanism involved in halogenation of alkanes.

08.01.20   TT –ACCOUNTANCY

STD:XI (CON)   Marks:25

1. Define Accounting?   (3 Mark)
2. Who are the users of accounting information?   (4 Mark)
3. What is the basic accounting equations?   (4 Mark)
4. Complete the following work sheet   (6 mark)
i) The fact that a business is separate and distinguishable from its owners is best exemplified by the --------- concept
ii) Everything a firm owns its also owns out to somebody. This coincidence is explained by the ----------- concept.
iii) The ------------- concept state that if straight line method of depreciation is used in one year, then it should also be used in the next year.
iv) If a firm receives an order for goods it would not be included in the sales figure only to the -----------------
v) The management of firms remarkably incompetent but the firm accountants, cannot take this into amount while preparing book of accounts because of ---------- concept.
vi)If a firm believes that some of its debtors may ------------- it should act this by making sure that all possible losses are recorded in the books. This is an example of the concept.
5. State the objectives of Accounting?   (8 Mark)

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