Date: 20-11-2024

LGS GROUP OF COLLEGES

CHEMISTRY Assignment XII

TEST# WT8

Paper Code:1908	Name:……	Roll No:
TOPIC: Chap#12 2nd Half	Objective + Subjective	Marks =15, Time:30 min

SECTION-I OBJECTIVE TYPE (TIME 10 MINUTES)

Note: Four possible answer A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question. (1x5=5)

i. Cannizzaro's reaction is not gives by:
A) Formaldehyde B) Acetaldehyde
C) Benzaldehyde D) Tri methyl acetaldehyde

ii. Both aldehydes and ketones react with:
A) Grignard Reagent B) Tollens Reagent
C) Fehling's Reagent D) Benedict's reagent

iii. Aldehydes react with hydroxylamine in acidic solution to give:
A) An oxime B) Aldol
C) Polymer D) Acetic acid

iv. Aldehydes on reduction form:
A) Primary Alcohol B) Secondary alcohol
C) Tertiary alcohol D) Ketones

v. Aldehydes and ketones can be detected by:
A) 2,4 DNP teat B) Tollens test
C) Sodium Nitroprusside Test D) Benedict's solution test

Part - I

Q2. Write short answers of the following questions. (3x2=6)

i. Tollen's test is also Silver mirror test. Justify it.

ii. What is the use of iodoform test to distinguish between acetaldehyde and formaldehyde?

iii. Give reaction of acetaldehyde with HCN.

(PART II) (4 marks)

Q3. What type of aldehyde gives cannizaro's reaction? Give its mechanism.