

Date : 8/08/2020

Chemistry

General methods of preparation of Aldehydes and Ketones.
process ? a) Catalytic hydrogenation

1. How will you obtain an Aldehydes by using the following

b) Dehydrogenation.

2. Explain Rosenmund's reduction reaction with chemical reaction.

3. How can acetone

and acetaldehyde be prepared from ethanol?

4. Discuss the reactions for distinguishing Aldehydes and Ketones.

5. Write

any five structures of Aldehydes and Ketones.

Biology

1. At what stage of life is oogenesis initiated in a human

female?

(a) At puberty

(b) During menarch

(c) During menopause

(d) During embryonic development

2. The middle piece of the sperm contains

(a) proteins (b) mitochondria

(c) centriole (d) nucleus

3. Corpus luteum is developed from

(a) Graafian follicle (b) nephrostome

(c) oocyte (d) none of these

4. Spermatogenesis is induced by

(a) FSH (b) ICSH

(c) STH (d) ATH

5. Layers of an ovum from outside to inside is

(a) corona radiata, zona pellucida and vitelline membrane

(b) zona pellucida, corona radiata and vitelline membrane

(c) vitelline membrane, zona pellucida and corona radiata

(d) zona pellucida, vitelline membrane and corona radiata