

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

Sub: Chemistry

1. How can acetaldehyde be prepared from ethanol?

2- How can acetone and acetaldehyde be prepared from CH_3COCl ?

will convert benzaldehyde into acetophenone.

5. Discuss the Structure of carbonyl group.

3. Show with the help of chemical equations how you

4- Write the structures and IUPAC names of the compound Phorone.