1. Which of the following hormones play a role during ovulation and menstrual cycle?

   A. Insulin, glucagon
   B. FSH, LH, estrogen and Progesterone
   C. Corticotropins, growth hormone
   D. Testosterone and progesterone

2. What happens during menopause?
   A. No menstruation.
   B. No maturation of new follicles.
   C. The ovaries stop the secretion of oestrogen

   A. A and B
   B. B only
   C. A, B and C
   D. C only

3. The time period when the body undergoes changes, leading to reproductive maturity is called _______.

   A. growth
   B. adolescence
   C. development
   D. marriage
4. Given below are the steps which occur when an egg is not fertilised. 
   Arrange them in order.
   A) Menstruation occurs.
   B) Endometrium degenerates.
   C) Progestrone production stops.
   D) Corpus luteum degenerates into corpus albicans.

   A. D -> C -> B -> A
   B. A -> C -> D -> B
   C. A -> D -> C -> B
   D. A -> B -> C -> D

5. Menses consists of blood and mucousal tissue from the inner lining of ______ along with the ______, which comes out through the vagina.

   A. fallopian tube, sperms
   B. fallopian tube, unfertilized egg
   C. uterus, unfertilized egg
   D. uterus, zygote
6. The fluid part of semen is contributed by
   i. Seminal vesicle
   ii. Prostate
   iii. Urethra
   iv. Bulbourethral gland
   
   A. I and II  
   B. I, II and IV  
   C. II, III and IV  
   D. I and IV

7. ____ are two hormones produced by ovary which take part in menstrual cycle and maintenance of pregnancy.
   
   A. Estrogen and Progesterone  
   B. Testosterone and cortisol  
   C. Insulin and glucagon  
   D. FSH and LH

8. Arrange the following events of the menstrual cycle in correct sequence.
   a) release of an egg from the ovary  
   b) breakdown of the thickened inner wall of the uterus  
   c) thickening of the wall of the uterus  
   d) maturation of the ovum
   
   A. d → a → b → c  
   B. a → b → d → c  
   C. d → a → c → b  
   D. a → c → d → b
9. Given are some events occurring in plant fertilisation.
   A. Pollen grains land on stigma.
   B. Tip of pollen tube breaks and releases the male gametes.
   C. Pollen tube is formed.
   D. Male gamete fuses with the egg.
   Choose the option which represents the correct sequence of events?

   A. A → B → C → D
   B. A → C → B → D
   C. A → D → B → C
   D. A → D → C → B

10. Sexual reproduction is better mode of reproduction because

   A. Faster mode of reproduction
   B. off spring have better chances of survival
   C. are identical to one another
   D. are bigger in size