



TOPIC: HUMAN REPRODUCTION

- The function of fimbriae :-
 - Collection of the ovum after ovulation
 - Maintaining the shape of ovary
 - Provide the path to sperms during fertilization
 - None of these
- Which statement is not correct :-
 - In the absence of fertilization, the corpus luteum degenerates
 - During pregnancy all events of menstrual cycle stop
 - The secretion of LH & FSH decreases gradually during the follicular phase
 - The menstrual flow results due to breakdown of endometrial lining
- In which phase of menstrual cycle Graffian follicle transform as the corpus luteum.
 - Luteal
 - Proliferation
 - Follicular
 - Growth
- The embryo with 8 to 16 blastomeres is called :
 - Morula
 - Blastula
 - Gastrula
 - Foetus
- Statement I:**The signal for parturition originates only from fully developed foetus
Statement II :Foetal ejection reflex triggers release of oxytocin
 - Both statements are incorrect
 - Both statements are correct
 - Statement I is correct and Statement II is incorrect
 - Statement I is incorrect and Statement II is correct
- For a normal male fertility, which of the following statements is correct?
 - 60 per cent sperm must have normal motility and 40 per cent must have normal shape.
 - 60 per cent sperm must have normal shape and 40 per cent must have acrosome.
 - 60 per cent sperm must have normal shape and 40 per cent must have vigorous motility.
 - None of these.
- Select the correct anatomical sequence.
 - Mammary alveolus → Mammary duct → Mammary tubules → Mammary ampulla → Lactiferous duct.
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 - Mammary ampulla → Mammary duct → Mammary tubules → Mammary alveolus → Lactiferous duct.
 - Mammary alveolus → Mammary duct → Mammary ampulla → Mammary tubules → Lactiferous duct.
- Select the correct sequence:
 - GnRH → LH → Leydig cells → Androgens → Spermatogenesis.
 - GnRH → FSH → Sertoli cells → some factors → Spermogenesis.
 - Both are correct.
 - Both are incorrect.
- Zona pellucida is formed by which of the following:
 - Primary oocyte
 - Secondary oocyte
 - Tertiary oocyte
 - Zygote

- 10.** The correct sequence of spermatogenetic stages leading to the formation of sperms in a mature human testis is:
- (1) Spermatogonia – Spermatid – Primary Spermatocyte – Secondary Spermatocyte – Sperms.
 - (2) Primary Spermatocyte – Spermatogonia – Spermatid – Sperms– Secondary Spermatocyte.
 - (3) Spermatogonia – Primary Spermatocyte– Secondary Spermatocyte – Spermatid – Sperms.**
 - (4) Spermatid — Secondary Spermatocyte – primary Spermatocyte – Spermatogonia – Sperms.
- 11.** The transformation of spermatids into spermatozoa (sperms) and finally the release of sperms into the lumen of Semiferous tubule is respectively called:
- (1) Spermatogenesis and spermiogenesis
 - (2) Spermiogenesis and spermiogenesis
 - (3) Spermiogenesis and Spermiation**
 - (4) Spermiation and spermiogenesis
- 12.** During cleavage, what is true about cells:
- (1) Nucleocytoplasmic ratio remains unchanged
 - (2) Size does not increase**
 - (3) There is less consumption of oxygen
 - (4) The division is like meiosis
- 13.** Urethral meatus refers to the
- (1) Urinogenital duct
 - (2) Opening of vas deferens into urethra
 - (3) External opening of the urinogenital duct**
 - (4) Muscles surrounding the urino genital duct

