Reproduction

MCQs

By:

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Male Reproductive System



Q1: FSH in male stimulates :

a) Leydig cells.

b) Interstitial cells.

c) Sertoli cells.

d) All of the above.

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Q2: The optimal temperature for spermatogenesis is :

a) 39 C_o.

b) 37 C_o.

c) 35 C_o.

d) 33 C_o..

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Q3: Regarding testosterone secretion :

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a) It is secreted even in intrauterine life.

b) In pre pubertal life, small amount of testosterone is released.

c) During puberty, Leydig cells produce testosterone.

d) All the above are correct.

Q4: Spermatogenesis :

a) Occurs in vas-diferens.

b) Occurs in the prostate gland.

c) Is stimulated by FSH.

d) Is stimulated by progesterone.

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Q5: Concerning Testosterone :

a) It increases sebaceous gland secretion.

b) It increases scalp hair.

c) It decreases body hair.

d) It decreases the thickness of vocal cords.

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Q6: Testosterone :

a) Increases BMR.

b) Decreases secretion of sebaceous glands.

c) Increases scalp hair.

d) None of the above is correct.

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Q7: Testosterone in male is secreted mainly from :

a) Sertoli cells.

b) Leydig cells.

c) Prostate.

d) Zona glomerulosa of adrenal cortex.

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Q8: All the following are correct, EXCEPT:

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a) Normally 60% of sperms should be motile after 3 Hrs of ejacutation.

b) Lactose is the main metabolic fuel for sperms.

c) Testosterone release starts during fetal life.

d) None of the above.

Female Reproductive System



Q9: Number of oocytes in two ovaries at birth is :

a) Half million.

b) One million.

c) Two millions.

d) Three millions.

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Q10: Follicle Stimulating Hormone (FSH) is secreted from :

a) Anterior pituitary gland.

b) Posterior pituitary gland.

c) Ovary.

d) Corpus luteum.

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Q11: Regarding Ovarian cycle, which is INCORRECT:

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a) During Luteal phase, Estrogen & Progesteron inhibit gonadotropins release.

b) During Follicular phase, Estrogen is secreted from growing grafian follicle.

c) LH has 2 peaks, before ovulation and midluteal.

d) All of the above.

Q12: After formation of Corpus Luteum:

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a) It undergoes degeneration if no fertilization occurs to the Ovum.

b) It starts secretion of Progesterone only.

c) It degenerates in 1st month if pregnancy happens due to formation of placenta.

d) All of the above are correct.

Q13: Corpus Luteum maintains pregnancy up to :

a) 8 weeks.

b) 12 weeks.

c) 20 weeks.

d) 28 weeks.

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Q14: Regarding menstrual cycle :

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a) The bleeding is due to sudden rise in hormone levels.

b) Proliferative phase is due to progesterone hormone.

c) FSH surge is responsible for ovulation.

d) None of the above is correct.

Q15: Regarding Menstrual cycle :

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a) Proliferative phase may differ from woman to another.

b) Ovulation occurs usually at the day 14.

c) Luteal phase is constant with duration of 14 days.

d) All of the above are correct.

Q16: Regarding Menstrual cycle:

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a) In a woman with 38 days cycle, ovulation is probably at the day 24.

b) In Secretory phase, endometrial glands become tortuous with more secretions.

c) The sure evidence of ovulation depends on detection of progesterone.

d) All of the above are correct.

Q17: Which of the following statements regarding Luteal phase of menstrual cycle is true :

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a) LH level is high in this phase.

b) Progesterone is high in this phase.

c) HCG is responsible for this phase.

d) It varies depending on duration of menstrual cycle.

Q18: Sex hormones include :

a) Estrogen.

b) Progesterone.

c) Relaxin.

d) All of the above.

e) Only a & b are correct.

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Q19: Following ovulation which of the following occurs :

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a) Rise in basal body temperature.

b) Fall in plasma LH level.

c) Rise in progesterone level.

d) All of the above.

Q20: Which of the following is sure evidence for diagnosis of ovulation :

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a) Estrogen in blood increase after ovulation.

b) Dry endometrium.

c) Cervical mucus becomes thick.

d) A fall in body temperature.

Q21: Following ovulation, which of the following occurs :

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a) A decrease in basal body temperature.

b) A fall in plasma LH level.

c) A decrease in progesterone level.

d) All are correct.

Q22: Which of the following is NOT a test for ovulation :

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a) Blood test for HCG in the urine.

b) Cervical mucus test.

c) Test for progesterone in blood.

d) A rise in basal body temperature.

Q23: Estrogen decreases :

a) Libido.

b) Plasma cholesterol.

c) BMR.

d) All of the above.

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Q24: Concerning estrogen which of the following is correct :

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a) Increases growth and motility of fallopian tubes.

b) Is secreted by the ovary and placenta in pregnant females.

c) Responsible for more scalp hair and less body hair.

d) All of the above are correct.

Q25: Estrogen action includes all the following EXCEPT :

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a) Increased osteoblastic activity.

b) Decreased myometrial contractility.

c) Development of ducts of mammary gland.

d) Increased fat deposition in buttocks and thighs.

Q26: Progesterone inhibits the secretion of :

a) LH.

b) HCG.

c) Relaxin.

d) None of the above.

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Q27: Progesterone :

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a) Increases sensitivity of myometrium to oxytocin.

b) Inhibits the growth of secretory alveoli.

c) Causes myometrial depolarization (Contraction).

d) Causes Na+ and water retention.

Q28: Progesterone :

a) Decreases sensitivity of myometrium to oxytocin.

b) Is secreted from anterior pituitary.

c) Stimulates LH secretion.

d) Stimulates ovulation.

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Q29: Progesterone :

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a) Is released from growing follicles.

b) Increases sensitivity of myometrium to oxytocin.

c) Inhibits ovulation.

d) Is secreted under influence of FSH.

Q30: Progesterone :

a) Stimulates ovulation.

b) Stimulates LH secretion.

c) Is secreted from the posterior pituitary gland.

d) None is correct.

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Q31: During pregnancy, the placenta is NOT the primary source of which hormone in maternal blood :

a) Estrogen.

b) Prolactin.

c) HCG.

d) Progesterone

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Q32: Menopause is associated with :

a) An increase in estrogen secretion.

b) An increase in progesterone secretion.

c) Stoppage of ovarian cycle.

d) b and c are correct.

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Q33: Menopause is associated with all the following EXCEPT :

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a) ↓ secretion of estrogen.

b) ↑ secretion of progesterone.

c) ↓ secretion of progesterone.

d) Stoppage of ovarian cycle.

Q34: Menopause is characterized primarily by :

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a) Loss of estrogen secretion from the ovary due to a decrease in LH.

b) Loss of estrogen secretion from the ovary due to a decrease in FSH.

c) A decrease in FSH and LH due to a decrease in GnRH secretion.

d) None of the above.

بالتوفيق و النجاح

Good Luck



