



Corporate Office: Aakash Tower, 8, Pusa Road, New Delhi-110005, Ph.011-47623456

# CONCEPT STRENGTHENING SHEET

## CSS-01

## ZOOLOGY

AIATS-01-(OYM+CF)-Q.193

**Topic: Human Reproduction: The Male Reproductive System**

Secretions of all the given parts of male reproductive system are essential for maturation and motility of sperms, **excluding**

- (1) Epididymis
- (2) Vas deferens
- (3) Bulbourethral gland
- (4) Seminal vesicle

Scan/Click



Solution



Underlying Concept

**Practice Questions:**

1. Select the structure of male reproductive system that helps in the lubrication of the penis.
  - (1) Prostate gland
  - (2) Seminal vesicle
  - (3) Bulbourethral gland
  - (4) Epididymis
2. All of the following are male accessory glands, **except**
  - (1) Seminal vesicle
  - (2) Prostate gland
  - (3) Rete testis
  - (4) Bulbourethral gland
3. Read the given statements and select the **correct** option.
 

**Statement A:** Secretions of seminal vesicle, a prostate and paired bulbourethral glands constitute the seminal plasma.

**Statement B:** Seminal plasma is rich in fructose, calcium and certain enzymes.

  - (1) Both statements are correct
  - (2) Both statements are incorrect
  - (3) Only statement A is correct
  - (4) Only statement B is correct

4. \_\_\_\_\_ store and transport the sperms from the testis to the outside through urethra.

Select the option that **correctly** fills the blank.

- (1) Seminal vesicle
- (2) Foreskin
- (3) Bulbourethral gland
- (4) Epididymis

AIATS-01-(OYM+CF)-Q.177

**Topic: Human Reproduction: Menstrual Cycle**

Decline in concentration of which hormone results in regression of corpus luteum in non-pregnant women?

- (1) hCG
- (2) Progesterone
- (3) LH
- (4) Estrogen

Scan/Click



Solution



Underlying Concept

**Practice Questions:**

1. \_\_\_\_\_ hormone causes the cells of the ruptured follicles to form corpus luteum.
 

Select the correct option to fill in the blank.

  - (1) LH
  - (2) FSH
  - (3) Estrogen
  - (4) Progesterone
2. Which of the following hormone maintains corpus luteum in a 6 months pregnant woman?
  - (1) hCG
  - (2) hPL
  - (3) LH
  - (4) Estrogen

3. How many of the hormones given below in the box are secreted by corpus luteum?

FSH, LH, Estrogen, hCG, Progesterone

Choose the **correct** option.

- (1) Four (2) Three  
(3) Two (4) One
4. Regression of corpus luteum during luteal phase of menstrual cycle is due to
- (1) Rise in LH  
(2) Decline in hCG  
(3) Decline in LH  
(4) Rise in progesterone

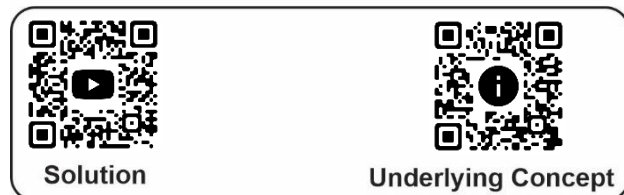
#### AIATS-01-(OYM+CF)-Q.151

##### Topic: Human Reproduction: Menstrual Cycle

Choose the odd one w.r.t uterine cycle.

- (1) Proliferative phase (2) Secretory phase  
(3) Menstrual phase (4) Follicular phase

Scan/Click



##### Practice Questions:

- The reproductive cycle in the female primates which includes both ovarian events and uterine events is called
  - Ovarian cycle
  - Uterine cycle
  - Menstrual cycle
  - Menarche
- Which of the following phases of menstrual cycle is not included in ovarian cycle?
  - Follicular phase (2) Ovulatory phase
  - Proliferative phase (4) Luteal phase
- Choose the **incorrect** match w.r.t events and phase of menstrual cycle.
  - Menstruation - Menstrual phase
  - Follicular growth - Pre-ovulatory phase
  - Functioning of corpus luteum - Luteal phase
  - Secretion of uterine glands - Proliferative phase

4. Which of the following phase of menstrual cycle is not included in uterine cycle?

- (1) Proliferative phase (2) Secretory phase  
(3) Menstrual phase (4) Luteal phase

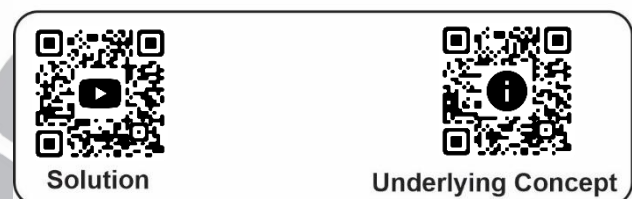
#### AIATS-01-(OYM+CF)-Q.168

##### Topic: Human Reproduction: Gametogenesis

Inhibin is produced by 'X' and inhibits the secretion of 'Y'. Select the **correct** option for 'X' and 'Y' respectively.

- (1) Nurse cells in testes and LH  
(2) Granulosa cells in ovary and LH  
(3) Granulosa cells in ovary and FSH  
(4) Leydig cells in testes and FSH

Scan/Click



##### Practice Questions:

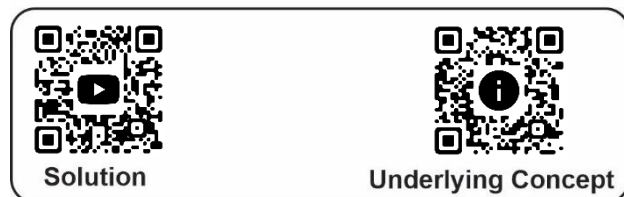
- LH in males acts on
  - Interstitial cells (2) Nurse cells
  - Sustentacular cells (4) Sertoli cells
- FSH in males acts on
  - Leydig cells
  - Sertoli cells
  - Interstitial cells
  - Granulosa cells
- LH helps in ovulation in females by acting on
  - Primary follicles
  - Secondary follicles
  - Tertiary follicles
  - Graafian follicles
- FSH is responsible for all of the following function, **except**
  - Spermiogenesis in males
  - Ovulation in females
  - Folliculogenesis in females
  - Secretion of estrogen by the growing follicles in females
- Which of the following is **incorrect** w.r.t ICSH?
  - Acts on Leydig cells in males
  - Helps in spermatogenesis in males
  - Helps in maintenance of the corpus luteum in females
  - Stimulates synthesis and secretion of Androgens

**AIATS 01 –(OYM+CF) – Q.159****Topic: Human Reproduction: The Female Reproductive System**

In female external genitalia, 'A' are fleshy folds of tissue covered by hair and 'B' are smaller paired folds of tissue in the form of lips under 'A'. Select the **correct** option w.r.t. A and B.

A	B
(1) Mons pubis	Clitoris
(2) Mons pubis	Labia majora
(3) Labia minora	Labia majora
(4) Labia majora	Labia minora

Scan/Click

**Practice Questions:**

- All of the following are the structures of female external genitalia, **except**
  - Labia majora
  - Labia minora
  - Pubic symphysis
  - Mons pubis

- \_\_\_\_\_ is a cushion of fatty tissue covered by skin and pubic hair.

Select the **correct** option to fill in the blank.

- (1) Mons pubis                      (2) Labia minora
- (3) Clitoris                          (4) Hymen

- Comprehend the given statements and select the **correct** option.

**Statement A:** Labia minora are fleshy folds of tissue covered by skin and pubic hair.

**Statement B:** The clitoris is often torn during first sexual intercourse.

- (1) Both statements A and B are correct
- (2) Both statements A and B are incorrect
- (3) Only statement A is correct
- (4) Only statement B is correct

- A tiny finger like structure that lies at the upper junction of the two labia minora above the urethral opening is

- (1) Hymen
- (2) Clitoris
- (3) Mons pubis
- (4) Labia minora

- Paired folds of tissue under the labia majora are

- (1) Labia minora
- (2) Hymen
- (3) Clitoris
- (4) Mons pubis



Based on  
AIATS-01 (OYM+CF)

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## CONCEPT STRENGTHENING SHEET

### CSS-01(Zoology)

### Answer Key

AIATS-01-(OYM+CF)-Q.193

Topic: Human Reproduction: The Male Reproductive System

1. (3)
2. (3)
3. (1)
4. (4)

AIATS-01-(OYM+CF)-Q.177

Topic: Human Reproduction: Menstrual Cycle

1. (1)
2. (1)
3. (3)
4. (3)

AIATS-01-(OYM+CF)-Q.151

Topic: Human Reproduction: Menstrual Cycle

1. (3)
2. (3)
3. (4)
4. (4)

AIATS-01-(OYM+CF)-Q.168

Topic: Human Reproduction: Gametogenesis

1. (1)
2. (2)
3. (4)
4. (2)
5. (3)

AIATS 01 -(OYM+CF) – Q.159

Topic: Human Reproduction: The Female Reproductive System

1. (3)
2. (1)
3. (2)
4. (2)
5. (1)

