

CBSE Class 8 Science
NCERT Exemplar Solutions
CHAPTER 10
Reaching the age of Adolescence

VERY SHORT ANSWER QUESTIONS

7. Unscramble the underlined words in the following sentences:-

- (a) Reproductive life of a woman lasts from hacreemn to spauoemen.
- (b) The development of a caterpillar to an adult butterfly is termed as poommertaissh.
- (c) The overgrowth of sumselc in xalnyr leads to the hoarse voice in adolescent boys.
- (d) Dannalier helps the body to adjust and fight the stress.

Ans: (a) menarche, menopause

(b) metamorphosis

(c) muscles, larynx

(d) Adrenalin

8. Complete the following sentences:-

- (a) In females, the uterine wall thickens to receive the _____.
- (b) Endocrine glands release hormones directly into _____ for transportation to the _____.
- (c) The sex hormones, _____ and estrogen are responsible for the development of _____ characters.
- (d) Release of sex hormones is under the control of a hormone secreted from the _____.

Ans: (a) fertilised egg.

- (b) blood stream, target site.
 - (c) Testosterone, estrogen, secondary sexual.
 - (d) pituitary gland.
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9. Give a suitable word for each of the following statements:-

- (a) The site which responds to a hormone.
- (b) Name of a gland which transports secretions through ducts.
- (c) Chemicals which control changes at adolescence stage.
- (d) It marks the beginning of reproductive period.

Ans: (a) Target site

The hormones released by the endocrine gland into the blood stream reach the target site.
The target site responds to the hormone.

(b) Sweat glands / Salivary glands / Oil glands (mention any one)

Glands like sweat gland, oil gland or salivary gland release their secretions into the ducts that transport it to the respective target sites.

(c) Hormones

Hormones play a pivotal role in bringing changes that transform a child into an adult.

(d) Puberty

At the age of puberty, the human body undergoes several changes that make humans capable of reproduction.

10. Name the hormone that is released by testes at the onset of puberty.

Ans: At the onset of puberty, the testes release the male hormone called **testosterone**.

11. Name the female hormone produced by ovaries that helps in the development of mammary glands.

Ans: At the onset of puberty, the ovaries in females release female hormone called **estrogen**. Estrogen helps in the development of mammary glands (milk-producing glands).