



BIOLOGY

BOOKS - TRUEMAN'S BIOLOGY (ENGLISH)

NCERT Exemplar Questions +1 (CHEMICAL COORDINATION AND INTERGRATION)

Mcqs

1. Select the right match of endocrine gland and their hormones among the options given be- low

A	Pineal	i	Epinephrine
B	Thyroid	ii	Melatonin
C	Ovary	iii	Estrogen
D	Adrenal medulla	iv	Tetraiodothyronine

A. A-iv, B-ii, C-iii, D-i

B. A-ii, B-iv, C-i, D-iii

C. A-iv, B-ii, C-i, D-iii

D. A-ii, B-iv, C-iii, D-i

Answer: d



Watch Video Solution

2. Listed below are the hormones of anterior pituitary origin. Tick the wrong entry.

A. (a) Growth hormone

B. (b) Follicle stimulating hormone

C. (c) Oxytocin

D. (d) Adrenocorticotrophic hormone

Answer: c



Watch Video Solution

3. Mary is about to face an interview. But during the first five minutes before the interview she experiences sweating, increased rate of heart beat, respiration etc. Which hormone is responsible for her restlessness

- A. Estrogen and progesterone
- B. Oxytocin and vasopressin
- C. Adrenaline and noradrenaline
- D. Insulin and glucagon

Answer: c



Watch Video Solution

4. The steroid responsible for balance of water and electrolytes in our body is

A. Insulin

B. Melatonin

C. Testosterone

D. Aldosterone

Answer: d



Watch Video Solution

5. Thymosin is responsible for

- A. raising the blood sugar level
- B. raising the blood calcium level
- C. increased production of T lymphocytes
- D. decrease in blood RBC

Answer: c



Watch Video Solution

6. In the mechanism of action of a protein hormone, one of the second messengers is

A. Cyclic AMP

B. Insulin

C. T_3

D. Gastrin

Answer: a



Watch Video Solution

7. Leydig cells produce a group of hormones called

A. androgens

B. estrogens

C. aldosterone

D. gonadotrophins

Answer: a



Watch Video Solution

8. Corpus luteum secretes a hormone called

A. prolactin

B. progesterone

C. aldosterone

D. testosterone

Answer: b



Watch Video Solution

9. Cortisol is secreted from:

1. Pancreas

2. Thyroid

3. Adrenal

4. Thymus

A. Pancreas

B. Thyroid

C. Adrenal

D. Thymus

Answer: c



Watch Video Solution

10. A hormone responsible for normal sleep- wake cycle is

A. epinephrine

B. gastrin

C. melatonin

D. insulin

Answer: c



Watch Video Solution

11. Hormones are called chemical signals that stimulate specific target tissues. Their specificity is due to the presence of signal receiving 'receptors' only in the respective target tissues. Where are these receptors present in case of hormones of protein nature

A. Extra cellular matrix

B. Blood

C. Plasma membrane

D. Nucleus

Answer: c



Watch Video Solution

12. All the following tissues in mammals except one consists of a central 'medullary' region surrounded by a cortical region. Mark the wrong entry:

1. Ovary

2. Adrenal

3. Liver

4. Kidney

A. Ovary

B. Adrenal

C. Liver

D. Kidney

Answer: a



Watch Video Solution

13. One of the following conditions is not linked to deficiency of thyroid hormones

A. Cretinism

B. Goitre

C. Myxoedema

D. Exophthalmos

Answer: d



Watch Video Solution