



BBD-003-1184005

Seat No. _____

M. Sc. (Sem. IV) (CBCS) (WEF-2016) Examination

July - 2021

Zoology : ZOOL-423

(Endocrinology & Reproductive Physiology (Ele.))

Faculty Code : 003

Subject Code : 1184005

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

Instruction : Answer any five questions.

1 Answer the following very briefly : **2x7=14**

- (a) Define endometriosis.
- (b) Define neurohypophysis.
- (c) Name some pituitary hormone.
- (d) Define infertility.
- (e) How local hormones are different from endocrine Hormones?
- (f) What is autocrine gland?
- (g) Give causes of infertility in male.

2 Answer the following very briefly : **2x7=14**

- (a) What is neurosecretion?
- (b) Define gonadal hormone.
- (c) Define Surogacy.
- (d) Write the name of placental hormone.
- (e) Write the name of any five local hormones.
- (f) Write the name of reproductive disorder.
- (g) Name of parathyroid hormone.

3 Answer of the following question : **7x2=14**

- (a) Give the detail account of adrenal gland hormone and its function.
- (b) Describe the causes of female infertility.

- 4 Answer of the following question : **7x2=14**
(a) Give the Account of pancreatic hormone and their function.
(b) Write the function of Kidney Hormones in detail.
- 5 Answer of the following question : **7x2=14**
(a) Describe the insulin and blood-glucose regulation
(b) Write a note on Intra Uterine Insemination (IUI).
- 6 Answer of the following question : **7x2=14**
(a) Describe in detail the role of local Hormone.
(b) Describe the contraceptive technologies and IVF.
- 7 Answer of the following question : **7x2=14**
(a) Describe in detail the assisted reproductive technologies
(b) Briefly describe causes of male infertility
- 8 Answer of the following question : **7x2=14**
(a) Give a detailed account on Hormone action mechanism
(b) Describe the biosynthesis of thyroid hormone and its control.
- 9 Answer of the following question : **7x2=14**
(a) Describe neurohypophysis and its Hormones
(b) Discuss the disease of hypersecretion and hyposecretion of thyroxin hormone.
- 10 Answer of the following question : **7x2=14**
(a) Discuss the mechanism of hormone action.
(b) Discuss the regulation of gonadal hormone and its regulation.
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