

Roll No. _____

Code No. Q-4402

FOURTH SEMESTER EXAMINATION 2021-22

M.Sc. ZOOLOGY

Paper - I

Gemete Biology & Reproductive Physiology of Human Beings

Time : 3.00 Hrs.

Max. Marks : 80

Total No. of Printed Page : 02

Mini. Marks : 29

Note:- Question paper is divided into three sections. Attempt question of all three section as per direction Distribution of marks is given in each section.

Section 'A'

Very short answer question (in few words)

Q.1 Attempt any six questions from the following :

6x2=12

- (i) Progesteron
- (ii) Relaxin
- (iii) IVF
- (iv) Corpus albicans
- (v) FSH
- (vi) Prostate gland
- (vii) Testosterone
- (viii) Endometrium

(2)

Section 'B'

Short answer type question (in 200 words)

Q.1 Attempt any four questions from the following :

4x5=20

- (i) Write the structure and function of ovary.
- (ii) Explain the role of hormone in Lactation.
- (iii) Write short note on Leydig cell.
- (iv) Describe the male reproductive organ.
- (v) Write short note on puberty in female.
- (vi) Write about concept of sex determination.
- (vii) Explain changes during menopause.

Section 'C'

Long answer/Essay type question.

4x12=48

Q.3 Attempt any four questions from the following questions :

- (i) Write an essay on Artificial insemination.
- (ii) Give a detailed account of menstrual cycle.
- (iii) Describe the process of spermatogenesis.
- (iv) Explain Biochemistry of fertilization.
- (v) Write about ovulation and ovum transport in mammals.
- (vi) Explain Biochemistry of semen.
- (vii) Explain pregnancy and its hormonal control.

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