



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 6th Semester Examination, 2023

CC13-PHYSIOLOGY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A

1. Answer any **five** questions from the following: 1×5 = 5
- (a) What is corpus luteum?
 - (b) What is Precocious puberty?
 - (c) What is oocyte donation?
 - (d) What is Decidual reaction?
 - (e) What do you mean by the term 'Climacteric'?
 - (f) What is IVF?
 - (g) Write down the functions of Pectoralis major muscle.
 - (h) What is Barr body?
 - (i) What are Striagravadirum?
 - (j) What do you mean by the term Anovulatory infertility?

GROUP-B

Answer any three questions from the following

5×3 = 15

2. Write short notes on the following: 2½+2½
- (a) Trisomy (b) Placenta
3. Describe the process of maintenance of milk secretion or Galactopoiesis. 5
4. What are Spacing methods? Write down the advantages and disadvantages of each type of Spacing method. 2+3
5. Describe the process of Conversion of testosterone to estrogen in males. 5
6. Briefly describe the anatomy of Spermatozoon. What is Ferguson Reflex? 3+2
7. What are the physiological concepts of a planned family? Write short notes on intrauterine contraceptive devices (IUCDs). 3+2

GROUP-C

Answer any two questions from the following

10×2 = 20

8. State the role of Oxytocin in Lactation. Describe in detail the various stages of Labour. Define Capacitation. 3+5+2
9. Describe the physiological changes in the body during pregnancy. 10
10. Write down the functions of: (a) Testosterone (b) Progesterone. 5+5
11. Describe the structure of sperm. Write a note on Prostate gland. 5+5

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