

CODE: **196709**
NOVEMBER 2020

TIME: 3 Hrs
MAX. MARKS: 50

PART A

Answer any **TEN** questions.

(10 x 2=20)

1. Spermatogenesis
2. Corpus albicans
3. Emboly
4. Deuterostomes
5. Morphallaxis
6. Neural crest cells
7. Nurse cells
8. Spiral cleavage
9. Metamorphosis
10. Grey crescent
11. Colostrum
12. Test tube baby

PART B

Answer any **TWO** questions.

(2 x 5=10)

13. Give brief account on cloning
14. Write the process of spermiogenesis
15. Give different phases of menstruation
16. Comment on gastrulating in Amphioxus
17. State various embryonic adaptations
18. Brief note on fertilization process
19. Write the types of cleavage process
20. Draw and comment on oogenesis process

PART C

Answer any **TWO** questions.

(2 x 10=20)

21. Describe the role of hormones in gametogenesis
22. Discuss the various techniques in ART
23. Explain physico chemical factors involved in fertilization
24. Describe the development of central nervous system
25. Write a detail note on blastulation and fate maps
