

FIRST MID TERM MODEL
QUESTION PAPER - 2023-2024
C/Sr. C.V. RAMAN COACHING CENTRE
IDAPPADI SALEM (DT) 637101.

SUB:- ZOOLOGY

STD:- XII

Total mark }:- 50m

MEDIUM:- ENGLISH

UNIT:- 1, 2, 3, 4

Time:- 1.30 Hrs.

PART - I

Choose the best answer.

10 x 1 = 10m

1. _____ contains one of the strongest muscle of the human body.
a) Ovary b) Uterus c) Rectum d) Vagina
2. Parthenogenesis was first discovered by _____.
a) Abraham Trembley b) Martha Chase
c) Charles Bonnet d) James Watson
3. ABO blood grouping in man is controlled by _____.
a) Multiple alleles b) Lethal genes c) Y-linked genes
d) Sex linked genes
4. The ovary is an elliptical structure about _____ long.
a) 2-4 cm b) 6-8 cm c) 1-2 cm d) 3-5 cm.
5. _____ are located on the anterior wall of Vagina.
a) Bartholin's gland b) Mammary gland

- c) Skene's gland d) Thyroid gland
6. _____ is the example of Plasmotomy.
- a) Opalina b) Aurelia c) Pelomyxa
d) Both (a) and (c).
7. A female uterus is normally about _____ inches long.
- a) 2 b) 3 c) 1 d) 4
8. _____ is one of the barrier method to control human population.
- a) chemical barrier b) coitus interruptus
b) continuous Abstinence d) Lactational amenorrhoea
9. NACO was Established in the year _____.
- a) 1992 b) 1994 c) 1991 d) 1985
10. X chromosomes was discovered by _____.
- a) Stevens b) Henking c) Adolf Butenandt
d) Charles Bonnet.

PART - II

Answer any five of the following. $5 \times 2 = 10m$

(Q.no : 17 is compulsory.)

11. What is Fission? Write its types.
12. Expand the following.

a) ZIFT b) ICSI

13. What is prostatitis ?

14. Difference between Foeticide & Infanticide.

15. Mention the symptoms of Phenyl ketonuria.

16. What are holandric genes.

17. What is menstrual cycle ? Write its various phase.

PART - III

Answer any five of the following.

Q. NO : 22 is compulsory.

5 × 3 = 15M

18. Difference between Internal and External fertilization.

19. Difference between Monozygotic and dizygotic twins.

20. What is coelostium ? Write its significance.

21. What is Amniocentesis.

22. Draw a neat labelled sketch of Human spermatogenesis.

23. What is Haplodiploidy ?

24. What are the applications of Karyotyping ?

Answer all the questions. $3 \times 5 = 15M$

25. a) Explain the different kinds of syngamy. (OR)

b) What is Binary fission? Explain the types of Binary Fission.

26. a) Explain the major Reproductive events in a human beings. (OR)

b) Explain the various phases of life cycle.

27. a) Explain the various barrier methods to control human population. (OR)

b) (i) Difference between Heterogametic and Homogametic sex determination systems.

(ii) How is Sex determined in Human beings?

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