

Ts12Bio

Tenkasi District
Common First Mid Term Test - 2024



31.07.2024

Time: 1.30 Hours

Standard 12
BIOLOGY
Part - I (Bio-Botany)
Section - A

Marks: 35
Marks: 17

I. Choose the best answer:**2×1=2**

- 1) First cell of mole gametophyte in angiosperm is
 - a) Microspore
 - b) Megaspore
 - c) Nucleus
 - d) Primary endosperm nucleus
- 2) "Gametes are never hybrid". This is a statement of
 - a) Law of dominance
 - b) Law of independent Assortment
 - c) Law of segregation
 - d) Law of random fertilization

Section - B**II. Answer any two of the following questions:****2×2=4**

- 3) What is back cross?
- 4) What are multiple alleles?
- 5) What is Mellitophily?

SIVAKUMAR.M
Sri Ram Matric
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Section - C**III. Answer any two of the following questions:****2×3=6**

- 6) Differentiate mound layering and air layering
- 7) Draw the structure of embryo sac and label it
- 8) Give the names of the scientists who rediscovered Mendelism.

Section - D**IV. Answer all the questions:****1×5=5**

- 9) Explain the incomplete dominance with suitable example.

(OR)

Differentiate the structure of Dicot and Monocot seed.

Part - II (Bio-Zoology)

Marks: 18

Section - A**I. Choose the best answer: Write option with answer****3×1=3**

- 1) A sexual reproduction is also called
 - a) Somatogenic
 - b) Fission
 - c) Budding
 - d) Somatogenic (or) Blastogenic
- 2) Sertolicells also secrete hormone called
 - a) Androgen
 - b) Testosterone
 - c) Inhibin
 - d) GnRH
- 3) Hormone releasing IUDs such as
 - a) CU T -380
 - b) Multiload 375
 - c) Nova T
 - d) LNG - 20

Section - B**II. Answer any two questions.****2×2=4**

- 4) Mayer - Rokitansky Syndrome?
- 5) Name Substances having the secretors in our body?
- 6) What is meant by Cryptorchism?

Section - C**III. Answer any two questions. Q.No. 9 is compulsory.****3×2=6**

- 7) Differentiate continuous breeder and Seasonal breeders?
- 8) What is meant by Hirsutism? Mention the reason and its symptoms.
- 9) Note on Foetoscope?

Section - D**IV. Answer all the questions.****1×5=5**

- 10) Explain human Ovum with labelled diagram

(OR)

Tabulate the sexually transmitted viral disease.
