COMMON FIRST MID - TERM TEST - 2019 KA

STANDARD - XII BIOLOGY

Marks:	
Reg.No.	

Time: 1.15 hours

Note: Candidate should answer Part I - Bio Botany and Part - II - Bio - Zoology in separate answer sheets.

PART - I (BIO - BOTANY)

Marks: 18

SECTION - A

Note: i) Answer to all questions.

- ii) Choose the most suitable answer from the given four alternatives and write the option code and the corresponding answer. 3x1=3
- 1. Pollen tube was discovered by
 - a) J.G.Kolreuter b) G.B. Amici
- c) E. Strasburger d) E. Hanning
- 2. "Gametes are never hybrid"This is a statement of
 - a) Lawof dominanace
 - c) Law of segregation

- b) Law of independent assortment
- d) Lawof random fertilization

- 3. Piasmids are
 - a) Circular Protein molecules
 - c) tiny bacteria

- b) required by bacteria
- d) Confer resistance to antibiotics

SECTION - B

Note: Answer any two questions.

 $2 \times 2 = 4$

- 4. What is layering?
- 5. Name the seven contrasting traits of mendel.
- 6. Write the advantages of herbicide tolerant crops.

SECTION - C

Note: - Answer any two Questions. Q.No. 8 is compulsory.

2×3=6

- 7. What is polyembryony? How it can commercially exploited?
- 8. What is meant by cytoplasmic inheritance?
- 9. Write any three significances of Ploidy.

SECTION - D

1×5=5

Note: Answer the following Question.

10. What is Parthenocarpic fruit? Add a note on its significance?

(OR)

Describe dominant epistasis with an example.

ATT-BIOLOGY