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B.Sc. RNLK-/Zoology/SEC1/22

2022

Zoology

[Third Semester]

Paper - SEC1 (Apiculture)

Full Marks : 40

Time : 2 hours

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**A. Write any 5 from the following. 5×2=10**

1. Define Apiology and Apicology. 2
2. What is Royal Jelly? 2
3. Define swarming or supersedure. 2
4. What is Battle cry? 2

*(Turn Over)*

( 2 )

5. Define Nuptial flight. 2
  6. Describe Tremble dances. 2
  7. What is the composition of Royal Jelly? 2
  8. What is Propolis? 2
- B. Write any 4 from the following. 4×5=20**
1. Write a short note on Virgin queen bee. 5
  2. Describe Bee Dance language. 5
  3. Describe Bee structures & function of Langstroth Box. 5
  4. What are the function of Bee Pasturage and Honey extractor? 5
  5. What do you mean by Purity Standards of honey? 5
  6. What are the uses of Bee Wax? 5

( 3 )

**C. Write any 1 from the following.  $1 \times 10 = 10$**

1. Describe in brief Honeybee Colony Composition. 10
2. Write the names of causing agents, cause, symptoms & control of one bacterial disease, one fungal disease, one protozoan disease and two parasitic disease of Honeybee.

$2+2+2+4=10$