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Total No. of Questions: 09

B.Sc. (Agriculture) (Sem.-7)

APICULTURE

Subject Code: BSAG-PP-701 M.Code: 74863

Time: 3 Hrs. Max. Marks: 30

INSTRUCTIONS TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
- SECTION-B contains FIVE questions carrying 2¹/₂ (Two and Half) marks each and students has to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.

SECTION-A

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l. Write short notes on:

- A) Ectoparasitic bee mites
- B) Species of honey bees in India
- C) Management of queenless colonies
- D) Preventing drifting of honey bees
- E) Dearth period sugar feeding
- F) Measures to prevent robbing
- G) History of beekeeping in the Punjab
- H) Bee flora in the Punjab
- I) Quality of honey
- J) Symptoms of laying worker colony

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SECTION-B

- 2. Symptoms and management of sacbrood disease.
- 3. How to protect honey bee colonies from pesticidal poisoning?
- 4. Management of honey bee colonies for pollination.
- 5. Describe royal jelly production as a component of diversification of apiculture.
- 6. Describe reproductive system of queen bee.

SECTION-C

- 7. Elaborate symptoms of damage and management of wax moths.
- 8. Describe life cycle and division of labour in *Apis mellifera colony*.
- 9. Describe colony multiplication and mass queen bee rearing.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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