#### 19/TDC/ODD/SEM/ZOOSEC-301T/042

#### TDC (CBCS) Odd Semester Exam., 2019

ZOOLOGY and control

(d) Cive an account of different casics of a

Describe the structural morphology of

compa (13rd Semester) dysaod

Course No.: ZOOSEC-301T

snoisoup go ( Apiculture) in van rewent &

asymmetry to Full Marks: 50 & other

Pass Marks: 20

Time: 3 hours

The figures in the margin indicate full marks for the questions

Answer all questions and answer

UNIT-I

Of Teseribe the modern method

1. Answer any two of the following questions:

 $2 \times 2 = 4$ 

(a) What is apiculture?

pina odulo monta

- (b) Write the scientific names of two honeybee species that are cultured in India.
  - (c) Write a short note on bee-dance.

20J/1083

(Turn Over)



2. Answer any one of the following questions:

(a) Name some viral diseases of honeybee.

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honeybee.

(b) Mention some bacterial diseases of

collection and uses of beewax.

(Turn Over)

20J/1083

(a) Give an account of different castes of a honeybee colony.	Mention different enemies of honeybee.
(b) Describe the structural morphology of honeybee with a neat diagram.	6. Answer any one of the following questions: 6
Course NII—TINUSEC-30(T	(a) Write the causes and management of various viral diseases of honeybee.
3. Answer any <i>two</i> of the following questions: 2×2=4	(b) Describe the process of management of various enemies of honeybee.
<ul><li>(a) Write a short note on bee pasturage.</li><li>(b) Name different beekeeping equipments used in apiculture.</li></ul>	(a) Write the viert forts employed in backeeping Views
selection bee species.	7. Answer any two of the following questions:    Main   Ma
4. Answer any <i>one</i> of the following questions: 6	(b) Write a short note on pollen.
(a) Describe the Langstroth type of beehive.  (b) Describe the modern method of extraction of honey. Look you want	(c) What is propolis?
2×2=4	8. Answer any <i>one</i> of the following questions: 6
UNIT—III ique st danW (m)  5. Answer any two of the following questions:  1. Answer any two of the following questions:  2×2=4	<ul><li>(a) Describe the chemical composition, storage and uses of honey.</li><li>(b) What is beewax? Write the process of</li></ul>

(Continued)

## ((4))

# to scannel language TINU tend diseases of

9. Answer any two of the following questions: Mention different enemies of honeybec

honeybee.

- What is cross-pollination? (a)
- (b) What is horticulture?

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- Why are bees important for cross-pollination? (b) Describe the process of management of
- 10. Answer any one of the following questions:
  - Write the recent efforts employed in (a) beekeeping industry.
- (b) Describe the modern methods of beekeeping used for cross-pollination in D= 22.0 horticulture. hord ball talled to

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S. Answer any one of the following questions:

fel What is propolic

Describe the chartical composition, storage and ases of bodey,

What is becwar? Write the process of Hechors and uses of booward

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