

# Vidyasagar University

## NSQF CERTIFICATE COURSE EXAMINATIONS 2021

### BEEKEEPING AND MANAGEMENT

#### Paper III: BEEKEEPING AND ECONOMICS

Full Marks: 50

Time: 2hrs.

Answer *any two* questions from the following:

25x2=50

1. Mention two diseases of honey bees caused by virus and also name the causal organisms. What does it mean by honey bee enemies? Mention four enemies of honey bees. Name two fungal and two bacterial diseases (with causal agents) of honey bees. Write down the symptoms of bee poisoning caused by pesticides. 4+7+8+6
2. Write notes on: 12.5x2
  - (a) Beekeeping as a multiple source of income generation;
  - (b) Colony Collapse Disorder (CCD)
3. How beekeeping is related with Integrated Farming System (IFS). Add a note on commercial beekeeping. Briefly discuss the floral fidelity with respect to bee foraging. 5+10+10
4. What is meant by pollination? What is entomophily? Discuss the role of honey bee as important pollinators of several agri-horticultural plants. 3+2+20