Roll No. Total No. of Pages : 02

Total No. of Questions: 09

B.Voc. Agriculture (2018 Batch) (Sem.-1)

AGRO METEOROLOGY

Subject Code : BVAG-103-18 Paper ID : [75651]

Time: 3 Hrs. Max. Marks: 60

#### **INSTRUCTIONS TO CANDIDATES:**

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

#### **SECTION-A**

## O1. Write short notes on:

- a) Cardinal temperature
- b) Short day and long day plants
- c) Lysimeter
- d) Maximum and minimum temperature
- e) Solar constant
- f) Weather station
- g) Evaporation and transpiration
- h) Mulching
- i) Surface albedo
- j) Meteorological observatory

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# **SECTION-B**

- Q2. Discuss the basic parameters of weather forecasting.
- Q3. Discuss how climate change and air pollution is related.
- Q4. Briefly explain the challenges developing world is facing in tackling global warming.
- Q5. Discuss the controls of weather and climate. Which climatic control do you think plays a pivotal role in regulating the climate of Punjab?
- Q6. Outline four environmental variables that define weather and climate.

### **SECTION-C**

- Q7. Describe the effect of weather elements on crops.
- Q8. What is agro-climatology? Discuss the role of climate in soil and natural vegetation with examples.
- Q9. Discuss direct and indirect weather hazards that cause adverse effect on agriculture.

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