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

Q1. **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

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.