

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Hons.) (Agriculture) (Sem.-4)
INTRODUCTORY AGROMETEOROLOGY AND
CLIMATE CHANGE

Subject Code : BSAG-409-19

M.Code. : 79748

Date of Examination : 07-01-2023

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

1. **Write briefly :**
 - a) Ozone layer depletion
 - b) Wind Rose
 - c) Cloud Burst
 - d) Heat wave and its criteria
 - e) Condensation
 - f) Albedo
 - g) Temperature inversion
 - h) Weather Normal
 - i) Types of precipitation
 - j) Climatic variability.

SECTION-B

2. Explain meaning and scope of agricultural meteorology.
3. Solar radiation and its importance for crop production.
4. Weather hazards and its management strategies.
5. Western Disturbance (WD) and its significance for crops.
6. Frost and its management in respect to crops.

SECTION-C

7. Weather forecasting: importance and significance for crops in India.
8. Type of risks in agriculture and its management strategies including government programs.
9. Effect of Greenhouse and possible strategies to combat its affects.

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.