

Roll No.

Total No. of Pages : 02

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B.Sc. (Agriculture) (2014 to 2018)/Hons. (Agriculture) (Sem.-1)

AGRO METEOROLOGY-I

Subject Code : BSAG-102

M.Code : 72209

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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 in brief about the following :

- a) Weather animal disease
- b) Short duration plants
- c) Orographic rains
- d) Isobars
- e) Ionosphere
- f) Summer solstice
- g) Condensation
- h) Arctic circle
- i) Weather
- j) Ozone Depletion

SECTION-B

2. What are the climatic requirements of Cotton and Paddy?
3. Explain variation of pressure in the atmosphere.
4. Draw a diagram of globe showing longitude, latitude and prime meridian.
5. Explain the structure of atmosphere along with variation of temperature.
6. Explain the role of climate variation on crop growth and maturity.

SECTION-C

7. Explain the impacts of climate on livestock distribution.
8. Discuss various Factors affecting the climate of place.
9. Explain different techniques used in the weather forecast.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.