



QP CODE: 25021679



25021679

Reg No : .....

Name : .....

**B.VOC DEGREE REGULAR/REAPPEARANCE EXAMINATIONS, MARCH 2025**

**Sixth Semester**

B.Voc Agriculture Technology

**BAT6S01 - AGRO METEOROLOGY**

2018 Admission Onwards

243BEE57

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Which are the three spheres of atmosphere?
2. Define solar radiation.
3. What is photoperiodism?
4. Differentiate between sleet and glaze.
5. Which are the major agricultural seasons in kerala?
6. Which are the parts of weather calender?
7. What are the requirements for ideal agromet observatory?
8. What is a crop weather calender?
9. What is njattuvela calender?
10. List out the climate related natural disasters.
11. Define global warming.
12. What is climate change?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the Uses of atmosphere for agriculture?
14. Differentiate between Weather and climate.





15. Explain Electromagnetic spectrum with suitable diagram.
16. Explain the importance of humidity in crop plants.
17. Discuss about variations in humidity.
18. Explain about northeast monsoon.
19. Explain the role of rainfall in growth and development of pests populations.
20. What are the uses of weather maps?
21. Differentiate between crop weather observatories and non crop weather observatories.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain about weather and climate.
23. Discuss in detail about role of temperature in crop production and its variations.
24. Discuss in detail about low level medium level clouds.
25. Explain the importance of weather forecasting.

(2×15=30)

