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AGS/5th Sem/558/23

2023

AGS 5th Semester Examination

B.Sc. Hons. in Agriculture

(Protected Cultivation)

PAPER — AGEC-558

Full Marks : 50

Time : 2 hours

The figures in the right-hand margin indicate marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Illustrate the answers wherever necessary.

Answer from **all** the Groups as directed.

GROUP—A

1. Answer *any five* questions from the following :
2×5=10

(a) What is the type of greenhouses based on shape?

(2)

- (b) Write down different types of covering materials used in greenhouse.
- (c) What is light quantity?
- (d) What is fan and pad cooling system?
- (e) What is relative humidity control?
- (f) What is HID?
- (g) Write down the process of pasteurization in greenhouse plants.
- (h) How can fumigation in greenhouses be done?

GROUP—B

2. Answer *any four* questions from the following :

5×4=20

- (a) Explain about irrigation and fertigation management used in greenhouses.
- (b) Explain different types of structural design used in greenhouse.
- (c) Write down the importance of artificial light.

(3)

- ~~(d)~~ Describe the media preparation in greenhouse production.
- (e) Write a short note on gravel culture.
- (f) Mention different types of benches and containers used in greenhouse.

GROUP—C

3. Answer *any two* questions from the following :
10×2=20

- ~~(a)~~ Write down the scope and importance of protected cultivation in India.
- ~~(b)~~ Discuss the production technology of tomato in greenhouse.
- (c) Describe different types of protected structures.
- (d) Discuss in detail the measures taken on environmental control in polyhouses.

