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Paper Code: BSA-A-702

B (SVSU:2024-25/R)

Enrollment No.													
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Program Name: B.Sc. Agriculture

7th Semester / 4th Year Examination

Subject Code: BSA-A-702

Subject Name: Applied Weed Management

[Time :03:00 Hours]

[Max. Marks :70]

Note: 1. Attempt all the questions as per given instructions.

2. Fill the correct answer of MCQs

1. Multiple Choice Questions (MCQs) [01×15=15]**I** Azola pinnata is an:

- (A) a fern (B) analgae
(C) a gymnosperm (D) an angiosperm

II Besides providing N Azola is used for weed control in

- (A) Wheat (B) Rice (C) Castor (D) Linseed

III A companion crop

- (A) Hairy vetch (B) Winter rye (C) Cowpea (D) All

IV Post-plant tillage helps in-

- (A) Mixing of manures (B) Control of weeds
(C) Soil and water conservation (D) All

V Test weight of Phalaris minor is

- (A) 10g (B) 15g (C) 20g (D) 25g

VI Based on morphology, the weed is classified into

- (A) Grass (B) Sedge (C) Broad leaved weeds (D) All

VII Examples of broad-leaved weed is

- (A) Flaveria australasica (b) Digeria arvensis
(C) Abutilon indicum (D) All of these

VIII Which of the following is not an indigenous weed?

- A. indica (b) A. indicum
(C) P. hysterophorus (D) None

IX Total root parasite on tobacco is

- (A) Parthenium (B) O. Cermua
(C) D. Stramonium (D) W. Somnifera

X Struggle for survival and existence is called

- (A) Critical period (B) Competition
(C) Dormancy (D) Persistence

- XI Application of bio-herbicides**
 (A) Aerial sprays (B) Cut and paste
 (C) Soil application (D) All
- XII The partial root parasite**
 (A) Cuscuta (B) Loranthus (C) Striga (D) Orobanche
- XIII Dryland weeds usually have**
 (A) deeproot (B) hairiness
 (C) Mucilaginous stem (D) All
- XIV A system approach based on whole land use planning**
 (A) Weed eradication (B) Weed control
 (C) Weed prevention (D) None
- XV A non-selective contact herbicide.**
 (A) Glyphosate (B) Paraquat (C) 2,4-D (D) None
- 2. Answer in long (any three) [10×3=30]**
- I** Describe the Weed prevention and cultural method of weed control.
- II** Define the Weed management in Rice Crop.
- III** Explain the Classification of weeds.
- IV** Explain the weed management in Cotton crop.
- 3. Answer in short (any five) [5×5=25]**
- I** Explain the weed control through Agronomic practices.
- II** Give the term of weed and its impact on crop yield.
- III** Explain the Physical methods for weed control.
- IV** Define Chemical weed control methods.
- V** Define Biological method control of weed control.
- VI** Explain the Soil solarization is a weed control.