MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester	**: I (New)**	**Term**	**: I**	**Academic Year**	**: 2016-17**
Course No.	**: AGRO 111**	**Title**	**: Principles of Agronomy**		
Credits	**: 2(1+1)**				
Day & Date	**: Wednesday, 07.12.2016**	**Time**	**: 10.00 to 12.00**	**Total Marks**	**: 40**

Note : 1. Solve **ANY EIGHT** questions from **SECTION "A".**
2. All questions from **SECTION "B"** are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

SECTION "A"

Q.1 Discuss on different weather parameters which affect growth and development of crops.

Q.2 Give the classification of crops on the basis of life cycle and climate with suitable example.

Q.3 Enlist the agroclimatic zones of India.

Q.4 Define seed and state the characteristics of good seed.

Q.5 Define the term tillage and state the objectives of tillage operations.

Q.6 Enlist the different methods of sowing and explain in details drilling methods of sowing.

Q.7 Define weed and enlist the advantages of weeds.

Q.8 Define manure and give classification of manures and fertilizers with examples.

Q.9 Define cropping system and describe the advantages of multiple cropping.

Q.10 Write short notes (Any Two).
1. Precision Farming
2. Green manuring
3. Allelopathy

SECTION "B"

Q.11 Fill in the blanks.
1) On the basis of use Soybean is classified as_____ and _____ crop.
2) The long form of ICAR is _____.
3) Cotton belongs to family_____.
4) Application of herbicides before sowing/planting of the crop is called _____application.

Q.12 Match the following pairs.

"A"	**" B"**
1) Mustard	a) *Poaceae*
2) Sugarbeet	b) *Asteraceae*
3) Wheat	c) *Solanaceae*
4) Potato	d) *Chenopodiaceae*
	e) *Cruciferae*

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