

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.B.A. (Agri.)

Semester	: II (New)	Term	: II	Academic Year	: 2016-17
Course No.	: ENGG 121	Title	: Farm Structures, Machinery and Greenhouse Technology		
Credits	: 2 (1+1)				
Day & Date	: Saturday, 06.05.2017	Time	: 09.00 to 11.00	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 Write down different types of farm fencing. Explain electric fencing.
- Q.2 Enlist different types of green houses and explain saw tooth type greenhouse.
- Q.3 What is greenhouse? Explain fan and pad evaporative cooling system in greenhouse.
- Q.4 Enlist types of dairy barns and explain loose housing barn.
- Q.5 Enlist different types of poultry houses. Explain wire floored houses.
- Q.6 a) Enlist different building materials used in construction.
b) Write down different properties of concrete.
- Q.7 Explain points to be considered while selecting the location of septic tank.
- Q.8 Explain effect of temperature on green house crops.
- Q.9 Enlist different irrigation systems used in green house. Explain in detail drip irrigation system.
- Q.10 Discuss factors to be considered while selecting location of farmstead.

SECTION "B"

- Q.11 Fill in the blanks:-
- 1) Minimum size of drawing room is _____.
 - 2) Spacing between the barbs varies between _____.
 - 3) In _____ barn large number of cattle can be handled in one unit.
 - 4) _____ is used to perform plasticity of concrete.
- Q.12 Define the following terms:-
- 1) Green house
 - 2) Post harvest Technology
 - 3) Milking parlour
 - 4) Concrete

