MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agri. Business Management

Semester	: **III (New)**	**Term**	: **I**	**Academic Year**	: **2018-19**
Course No.	: ENGG 232	**Title**	: **Post Harvest Technology of Agricultural Crops**		
Credits	: 2(1+1)				
Day & Date	: Saturday, 17.11.2018	**Time**	: 9.00 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 Enlist the types of storage structure and explain kothar type of storage structure.

Q.2 Define post-harvest technology and write the importance of post-harvest technology.

Q.3 Enlist the different types of separators and explain spiral separator.

Q.4 Explain in detail CFTRI process of parboiling of paddy.

Q.5 Enlist the different types of material handling devices. Explain in detail bucket elevator.

Q.6 Explain in detail in LSU dryer.

Q.7 Enlist the different types of size reduction machinery and explain hammer mill.

Q.8 What is mechanical drying? Explain the features of mechanical drying.

Q.9 Explain in detail moisture content determination methods.

Q.10 Write short notes (Any Two).

a) Centrifugal Dehusker

b) Cold storage

c) Advantages of parboiling

SECTION "B"

Q.11 Fill in the blanks.

1) _____ means the removal of foreign and undesirable matters from desired grain.

2) The spiral separator separates the grain as per their _____.

3) The capacity of kothar type storage structure varies from _____ to _____ tonnes.

4) The thickness of grains in thin-layer drying is normally upto _____cm.

Q.12 Define the following terms.

1) Sorting

2) Thin layer drying

3) Milling

4) Agriculture Processing

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