

Assignment & Practical

PART -2

Subject: FMPE-3.6.2 (Semester VI)

1. Name of the Student:

2. Roll No.

3. Registration No.

Practical	
Sr. No.	Topic
6	Thresher components and their functions
7	Calculations of losses in threshes
8	Functional units of grain combines and their types
9	Calculations of losses in combines
10	Introduction of Maize harvesters
11	Familiarization with vegetable and fruit harvesters
Assignments	
Sr. No.	Topic
6	How will you calculate the following: i. Suction capacity of power sprayer per plunger ii. Volumetric efficiency iii. Pump efficiency
7	I. Calculate water power which is required to discharge liquid @ 40 lit/min at 25 kg/cm ² pressure II. In a pump, suction volume is 30 lit/min and the pump efficiency is 80 percent. Calculate the shaft power at a pressure of 35 kg/cm ² III. Find the suction capacity of a power sprayer if diameter is 35 mm, speed is 1200 rpm, length of stroke is 25 mm and the number of plunger are 4.

Note:

- All the students are instructed to write above practicals and assignments and submit me on my mail address: **kldabhi876@gmail.com** on or before **15/05/2020**. I have already provided the pdf material of our subject. If you do not find any topic from that material, search from e-courses of ICAR or from Google search.
- Write the practicals & Assignments in brief. @ One or two pages are sufficient for each.
- Write only important points of all above topics
- **Please write your Name, Roll number and Registration number while you submit the above.**