

Total No. of printed pages = 2

Ch-506/CED-II/2nd Sem/2018/J/A

CHEMICAL ENGINEERING DRAWING-II

Full Marks – 100

Time – Four hours

The figures in the margin indicate full marks for the questions.

PART – A

Marks – 30

1. *All* questions are compulsory : $5 \times 6 = 30$
 - (a) Draw a bubble cap of a distillation column.
 - (b) Draw the outside of a tray drier without the door.
 - (c) Draw the tubes of a heat exchanger and baffles.
 - (d) Draw any part of a rotary drum drier.
 - (e) Draw the shell of a heat exchanger.
 - (f) Draw the plate of a plate and frame filter.

[Turn over

PART – B

Marks – 70

Answer any *five* of the following questions :

14×5=70

2. Draw a rotary drum drier.
3. Draw an absorption column with 3 packing materials.
4. Draw any kind of a filter.
5. Draw a temperature controller.
6. Draw a flow controller.
7. Draw any type of distillation column.