**Exp 1 and 10**

**EXP 1 :**

1.What is view factor? On which parameters does it depend? (2 marks)

2. What happens if plates are kept parallel to each other or at anyother orientation? What complexity sets in the HT calculations? (1 mark)

3.What do you understand by emissive power (1 mark)

4.Why are both plates maintained at same temperature? (1 mark)

**EXP 10:**

1.Which of the two ‘h’ values is higher and why? (1.5 m)

2. Draw a condensing film, show velocity distribution inside film & temperature variation. (1.5 m)

3. Write the energy balance to obtain the formula for heat transfer coefficient in terms of all known quantities. (2 m)