**UEET(6th Sem Electrical)**

**2marks question**

1. Define electrocmeical equivalent of a substance ?
2. Define energy efficiency?
3. Write advantages of electrical hreating?
4. Write application of electrolysis ?
5. Write types of arc welding?
6. Define luminous intensity and luminous efficiency?
7. Define MHCP and MSCP?
8. What is depreciation factor?
9. Write the method of electrical drive?
10. Write types of electrical brabing?

**5 marks Question**

1. Explain basic principle of electrodeposition ?
2. Explain faraday s law of electrolysis?
3. Write the factors governing better electrodeposition?
4. Write difference between direct and indirect resistance heating?
5. Write principle of microwave heating and application?
6. Write difference between DC anc AC arc welding?
7. Write and explain inverse squre law and cosine law?

**7marks question**

(a)Write principle of working of direct core, vertical core and indirect ore type furnace?

(b) Explain briefly different types of electrical braking and application?

(c)Explain principle of working of resistance welding ?

(d)Explain construction and working principle of of fluroscent lamp?

(e)Explain starting and running characteristics of DC and AC motor ?