**HCI QP Sessional Answers**

**1.a) Explain in detail about human input and output channels.**

**Ans.1.a)**

**1.b) What are the different types of memory in human brain?**

**Ans.1.b)**

**2.a) Define Problem Solving & list the theories involved in problem solving.**

**Ans.2.a)**

**2.b) Explain in detail about models of interaction.**

**Ans.2.b)**

**3.a) Explain the software life cycle model in HCI software process.**

**Ans.3.a)**

**3.b) Explain in detail the interaction design process.**

**Ans.3.b)**

**4.a) Enumerate Norman’s seven principles for transferring difficult task to simple one in design?**

**Ans.4.a)**

**4.b) Explain about the various factors distinguishing evaluation techniques.**

**Ans.4.b)**

**5.a) Explain in detail about cognitive model and its techniques.**

**Ans.5.a)**

**5.b) Explain in detail about the various socio-technical models?**

**Ans.5.b)**

**6.a) Explain in detail about communication and collaboration models.**

**Ans.6.a)**

**6.b) Discuss about Linguistic Models.**

**Ans.6.b)**

**7.a) With neat diagram of mobile ecosystem, discuss its platforms and application frameworks.**

**Ans.7.a)**

**7.b) Describe the following:**

**a. Mobile Ecosystem**

**b. Platforms**

**Ans.7.b)**

**8.a) a) Explain the various mobile information architecture.**

**Ans.8.a)**

**8.b) List and explain the elements of mobile design.**

**Ans.8.b)**

**9.a) Discuss in detail the purpose of drag and drop.**

**Ans.9.a)**

**9.b) Explain the steps involved in designing a web interface.**

**Ans.9.b)**

**10.a) Discuss in detail the various types of selection patterns.**

**Ans.10.a)**

**10.b) Explain in detail the various ways to reveal contextual tools.**

**Ans.10.b)**