





12. a) i) Describe about the basic types of memory components that are commonly used in embedded systems. (8)
- ii) Explain models of the program with no conditionals. (8)
- (OR)
- b) Outline the role of assemblers and linkers in the compilation process.
13. a) i) Elucidate on scheduling policies with suitable examples. (8)
- ii) Summarize the services of operating system in handling multiple tasks and multiple processes. (8)
- (OR)
- b) With neat sketch, explain the interprocess communication mechanism.
14. a) Observe in detail about Quality Assurance Process using the following :
- i) Quality Assurance Techniques. (8)
- ii) Verifying the specifications. (8)
- (OR)
- b) Discuss about the distributed embedded architecture.
15. a) i) Demonstrate in detail about design example of audio player. (8)
- ii) Summarize the principle and operation of software MODEM. (8)
- (OR)
- b) Demonstrate the sequence diagram of taking picture with digital still camera.