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| 1. Illustrate with a neat diagram the State machine model of a simple microwave oven. |
| 1. Brief about the event-driven system and elaborate on their classification with a neat diagram. |
| 1. Elaborate on i) Inheritance model ii) Object Aggregation |
| 1. Interpret different object models i) Aggregation models ii) Behaviour model (sequence diagram) with suitable diagram. |
| 1. Illustrate the components of a CASE tool for structure method with a neat diagram and explain all the tools involved. |
| 1. Illustrate Context model in contextof an ATM systemwith block diagram. |
| 1. Draw DFD for insulin pump system. |
| 1. Elaborate on pipeline model of an invoice processing system with a neat diagram. |
| 1. Illustrate two different centralised control styles with suitable diagram. |
| 1. Illustrate repository model with neat diagram and discuss the advantages and disadvantages. |
| 1. Illustrate on layered model of version management system. |
| 1. Interpret the extreme programming release cycle with the help of the diagram. |
| 1. Outline the extreme programming practices in detail. |
| 1. Interpret Principles of agile methods |
| 1. Discuss in detail about the class hierarchy diagram that displays the components of a personal computer. |
| 1. Elaborate on the principles of Extreme programming (XP) and apply your knowledge to list suitable applications for XP. |
| 17.Apply your knowledge on the architectural style to design suitable architectural model for a Robot that does packaging of items and discuss in detail |
| 18. |

Software Engineering Question Bank