**Department of Computer Science &Engg.**

**Question Bank**

**Subject: Software Engineering**

Unit 4:

1. **Explain with a neat diagram the Agile Project Planning Process in XP. (Extreme Programming).**
2. **Briefly explain the Algorithmic Cost Modelling and also draw the graph for Estimate Uncertainty?**

**3.List and explain the Factors affecting Software Pricing.**

4. **For the set of tasks shown below draw the Project Scheduling using Activity Bar Chart assuming start date of the project as 04/05/2021(Assume 5Days=1Week)**

|  |  |  |
| --- | --- | --- |
| **Task** | **Duration** | **Dependency** |
| **T1** | **05** | **-** |
| **T2** | **15** | **-** |
| **T3** | **15** | **T1(M1)** |
| **T4** | **10** | **-** |
| **T5** | **10** | **T2,T4(M2)** |
| **T6** | **05** | **T1,T2(M3)** |
| **T7** | **20** | **T1(M1)** |
| **T8** | **25** | **T4(M4)** |

**5. With context to the Plan Driven Software Development approach**

1. **Briefly explain the purpose of each of the section in a Software Project Plan and**
2. **Explain the Project Plan supplements for the same.**

**6.Explain with a neat diagram COCOMO-II estimation model.**

**7.Draw and explain with Activity diagram for Plan driven project planning process.**

**8.What is Project scheduling? Explain Project scheduling Process with a neat diagram?**

**9.List and explain factors affecting on Software pricing?**

**10.Define Milestones & deliverable’s?**

**11.For the Given values A=2, size=12, M=2,B=1.2 Find out effort cost by using Algorithmic cost modelling technique.**

**12.Compre and Contrast between Experience based techniques and Algorithmic cost modelling technique ?**