**R16**

**Reg. No:** 

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**
(AUTONOMOUS)
**B.Tech IV Year I Semester Supplementary Examinations November-2020**
**SOFTWARE PROJECT MANAGEMENT**
(Computer Science & Engineering)

Time: 3 hours                                                                                          Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

## UNIT-I

| | | | |
|---|---|---|---|
| **1** | **a** | Discuss stepwise project planning with a neat diagram. | **6M** |
| | **b** | Define risk. Explain various processes of risk evaluation. | **6M** |

**OR**

| | | | |
|---|---|---|---|
| **2** | **a** | Explain Software Development Lifecycle with neat diagram. | **8M** |
| | **b** | Define management. Explain project management process in detail. | **4M** |

## UNIT-II

| | | | |
|---|---|---|---|
| **3** | **a** | Discuss various approaches involved in Agile Methods of process model. | **6M** |
| | **b** | Explain in brief about Rapid Application Development process model. | **6M** |

**OR**

| | | | |
|---|---|---|---|
| **4** | **a** | Explain in brief bottom-up and top-down approaches in software effort estimation. | **6M** |
| | **b** | Define SCRUM. Discuss with a neat diagram macro and micro processes that you observed in managing iterative processes. | **6M** |

## UNIT-III

| | | | |
|---|---|---|---|
| **5** | **a** | Explain with a neat sketch the sequencing and scheduling activities. | **6M** |
| | **b** | Explain the PERT technique. What are the advantages observed in PERT technique? | **6M** |

**OR**

| | | | |
|---|---|---|---|
| **6** | **a** | Explain in brief about Risk Management? | **4M** |
| | **b** | What the impact would be there on a project to produce cost schedules. | **8M** |

## UNIT-IV

| | | | |
|---|---|---|---|
| **7** | **a** | Explain about Software Configuration Management Control in detail? | **8M** |
| | **b** | Explain Cost Monitoring in Project Control? | **4M** |

**OR**

| | | | |
|---|---|---|---|
| **8** | **a** | Write Short Notes on Earned Value Analysis with Suitable Examples? | **6M** |
| | **b** | What are the types of Contracts and contract management? | **6M** |

## UNIT-V

| | | | |
|---|---|---|---|
| **9** | **a** | What are the different methods of Staff Selection among those methods which are best methods of staff selection explain it? | **6M** |
| | **b** | Discuss Ethical and Programmed concerns in briefly? | **6M** |

**OR**

| | | | |
|---|---|---|---|
| **10** | **a** | Define Communication Plan? What are the results of communication plan explain it? | **8M** |
| | **b** | Explain Organizational Behavior in Briefly? | **4M** |

*** END ***