

**IV.B.TECH- I-SEM (R20)-II MID EXAMINATIONS-NOVEMBER-2023 Date: 07.11.2023.**

**Subject: Software Metrics and Measures Time:10:00 TO 11:30 A.M**

**Branch:**  **IT-A Marks: 25 M**

***Answer All Questions In Part-A& Part-B***

**Part-A 5\*2=10 M**

**BTL CO**

1. Define complexity metrics? **2 3**
2. Difference between system availability and reliability? **2 3**
3. What is software project assessment explain? **2 4**
4. Explain the process for maturity Assessment? **2 4**
5. Explain about the process capability and measuring process maturity? **1 5**

**Part-B** **5\*3=15 M**

**BTL CO**

6. Explain constructs for quality and quality management metrics?  **5 3**

**OR**

7. How to collect customer outage data for quality improvement.

Explain with example? **5 4**

8. Difference between audit ad assessment and s/w process

maturity assessment? **6** **3**

**Or**

9. What is software project assessment? **6 4**

10. Difference between audit assessment and software are process

maturity assessment  **2 5**

**OR**

11. Explain about simple or phase decomplition measuring the values

for the improvement ? **6 5**

**SCHEME OF EVALUATION**

**Part –A**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **1** | Define complexity metrics? | **2** | **2** |
| **2** | Difference between system availability and reliability? | **2** | **2** |
| **3** | What is software project assessment explain? | **2** | **2** |
| **4** | Explain the process for maturity Assessment? | **2** | **2** |
| **5** | Explain about the process capability and measuring process maturity? | **2** | **2** |

**Part –B**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **6** | Explain constructs for quality and quality management metrics?  **OR** | **5** | **5** |
| **7** | How to collect customer outage data for quality improvement.  Explain with example? | **5** |  |
| **8** | Difference between audit ad assessment and s/w process  maturity assessment?  **OR** | **5** | **5** |
| **9** | What is software project assessment? | **5** |  |
| **10** | Difference between audit assessment and software are process  maturity assessment  **OR** | **5** | **5** |
| **11** | Explain about simple or phase decomplition measuring the values  for the improvement ? | **5** |  |