USN | | | | | | | | | | **18AI642**

Sixth Semester B.E. Degree Examination, June/July 2023
Software Project Management

Time: 3 hrs.   Max. Marks: 100

Note: *Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

1   a.   Explain Management Spectrum.   **(10 Marks)**
    b.   Explain the role of people played in Computer Software.   **(10 Marks)**

OR

2   a.   Explain a five part common sense approach to Software Projects.   **(10 Marks)**
    b.   Explain W^5 H H principle.   **(10 Marks)**

Module-2

3   a.   Explain the concept of metrics in process and project domain.   **(10 Marks)**
    b.   Explain Software Measurement.   **(10 Marks)**

OR

4   a.   Explain Measuring Quality.   **(10 Marks)**
    b.   Explain Software Metrics Collection process.   **(10 Marks)**

Module-3

5   a.   Explain Project Resources.   **(10 Marks)**
    b.   Explain software Project Estimation.   **(10 Marks)**

OR

6   a.   Explain Empirical Estimation Model.   **(10 Marks)**
    b.   Explain estimation for Object Oriented Projects.   **(10 Marks)**

Module-4

7   a.   Explain Project Scheduling.   **(10 Marks)**
    b.   Explain Comprehensive Taxonomy of Software Project.   **(10 Marks)**

OR

8   a.   Explain concept development projects.   **(10 Marks)**
    b.   Explain how Tracking can be accomplished.   **(10 Marks)**

Module-5

9   a.   Explain McCall's Quality Factors.   **(10 Marks)**
    b.   Explain ISO 9126 Quality Factors.   **(10 Marks)**

OR

10 a.   Explain how a Software team achieves high Software Quality.   **(10 Marks)**
    b.   Explain Garvin's Quality Dimension.   **(10 Marks)**

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