

NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN INFORMATION TECHNOLOGY & DATA SCIENCE – CP09
II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JUNE 2023

Subject: Software Engineering

Total Time: 2 Hr.

Subject Code: CP09208T

Total Marks: 50

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING

2*8=16

- 1.1 What is software evolution?
- 1.2 What are the advantage of incremental model?
- 1.3 Define business modelling
- 1.4 What are the types of agile?
- 1.5 What is cohesion? What is the range of cohesion?
- 1.6 What are the coding standards?
- 1.7 What is software testing?
- 1.8 Define Measure. What are the types of measure?
- 1.9 What is centralized version control?
- 1.10 What is function point?

2.0 ANSWER ANY SIX OF THE FOLLOWING

3*6=18

- 2.1 What are the characteristics of good software?
- 2.2 When to use incremental model?
- 2.3 What is distributed version control systems?
- 2.4 What are the levels of testing? Explain in details
- 2.5 What are the criteria used to choose programming language for coding?
- 2.6 What is scrum model?
- 2.7 Explain about stamp coupling & data coupling with example.
- 2.8 Explain the process of software testing.

3.0 ANSWER ANY FOUR OF THE FOLLOWING

4*4=16

- 3.1 Explain SDLC with neat diagram
- 3.2 Write about the advantages and disadvantages of waterfall model.
- 3.3 Explain about functional requirement with example.
- 3.4 Write about the Software design principles.
- 3.5 With neat diagram explain about forward engineering and re-engineering.
- 3.6 Explain DevOps Lifecycle

