



BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – Dip.CSE-2022
Course Name – Software Engineering
Course Code - DCSE-PC304
(Semester III)



Full Marks : 60 Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

- 1. Choose the correct alternative from the following:
- (i) Name a software development model that divides the project into smaller, manageable parts called increments.
 - a) Spiral Model

b) Incremental Model

c) Agile Model

- d) RAD Model
- (ii) Choose a benefit of implementing a user-centric approach in software design.
 - a) Improved usability

b) Decreased user engagement

c) Increased complexity

- d) Reduced development time
- (iii) Predict the result of inconsistent navigation in a mobile app\'s user interface.
 - a) Confusion

b) Clarity

c) Speed

- d) Satisfaction
- (iv) Choose a design principle that enhances user trust in software.
 - a) Security

b) Insecurity

c) Complexity

- d) Randomness
- (v) Trace a primary goal of continuous integration (CI) in software development.
 - a) Reducing the need for automated testing
- b) Frequent manual code reviews
- c) Ensuring code is never changed
- d) Integrating code changes frequently
- (vi) Trace an advantage of using dependency injection in software development.
 - a) Increases code flexibility and testability
- b) Encourages tight coupling between components

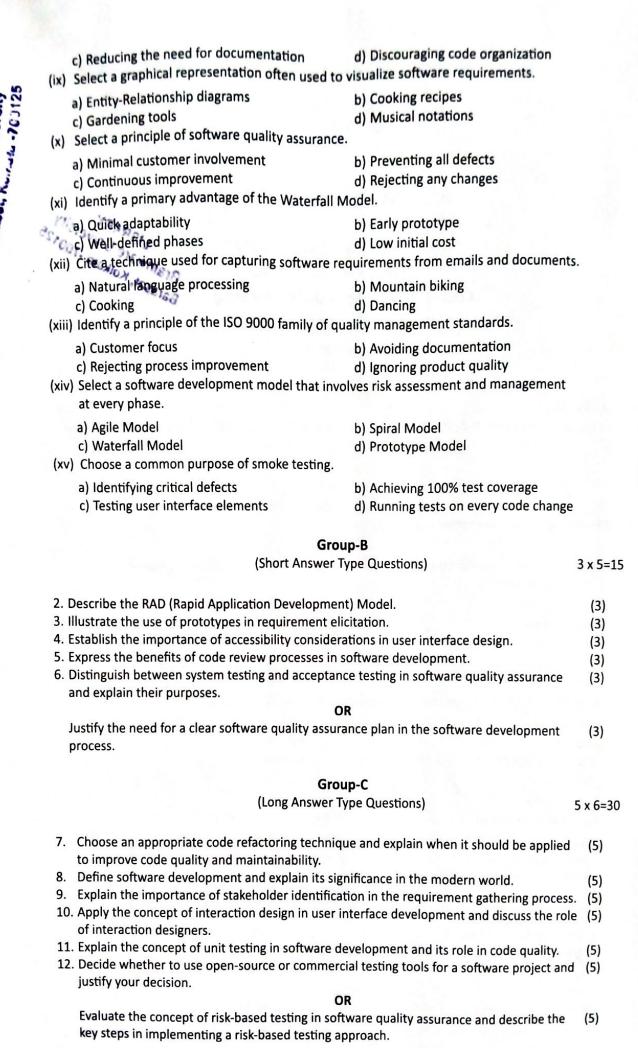
c) Simplifies complex logic

- d) Eliminates the need for interfaces
- (vii) Select a method for visualizing software requirements.
 - a) Flowcharts

b) Baking

c) Fishing

- d) Painting
- (viii) Trace a primary advantage of using design patterns in software development.
 - a) Increasing code maintainability and reusability
- b) Complicating the code structure



Page 2 of 3