

# P32/P131/CMP205/CMP511/EE/20240113

Time : 3 Hours

Marks : 80

## Instructions :

1. All Questions are Compulsory.
2. Each Sub-question carry 5 marks.
3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
4. Question paper of 80 Marks, it will be converted in to your programme structure marks.

1. Solve any **four** sub-questions.
  - a) Explain Embedded software and Web Based. 5
  - b) What is coupling? 5
  - c) What are the advantages and disadvantages of 'Black Box Testing'? 5
  - d) Define Software Configuration Audit (SCA). 5
  - e) What are the advantages of the Waterfall model? 5
2. Solve any **four** sub-questions.
  - a) What is software engineering approach? 5
  - b) Describe Design Notations and Specifications. 5
  - c) What is the importance of Software Quality Assurance? 5
  - d) Explain the template of Change Control Procedure/Process. 5
  - e) Define 'Software Process'. 5
3. Solve any **four** sub-questions.
  - a) Explain Requirements analysis issues. 5
  - b) Explain Coding Standards and Documentation. 5
  - c) Describe in detail Technical feasibility. 5
  - d) Explain Unified Modeling Language (UML). 5
  - e) Explain any two types of Software Maintenance. 5

4. Solve any **four** sub-questions.

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| a) State the characteristics of SRS.                           | 5 |
| b) Describe 'White Box Testing'.                               | 5 |
| c) State the tools used for Software Configuration Management. | 5 |
| d) What is Object-Oriented Design?                             | 5 |
| e) Explain 'Maturity model'.                                   | 5 |

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