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V Semester Diploma Examination, April/May-2018**SOFTWARE ENGINEERING****Time : 3 Hours]****[Max. Marks : 100**

- Note :** (i) Answer any **six** full questions from Part – A. Each carries **five** marks.
(ii) Answer any **seven** full questions from Part – B. Each carries **ten** marks.

PART – A**5 × 6 = 30****Answer any six full questions from Part – A. Each carries five marks.**

1. Define software engineering. Differentiate between process and project. **5**
2. Mention the values of good SRS. **5**
3. Explain the role of software architecture. **5**
4. Explain components view. **5**
5. Explain Peer-to-Peer and publish subscribe styles. **5**
6. Define coupling. List the different types of it. **5**
7. Explain coding standards. **5**
8. Explain the DevOps tool chain. **5**
9. Explain the benefits of DevOps. **5**

PART – B**7 × 10 = 70****Answer any seven full questions from Part – B. Each carries ten marks.**

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| 10. Explain Water-Fall model with a neat diagram. | 10 |
| 11. Explain time boxing model with a neat diagram. | 10 |
| 12. Explain the components of SRS. | 10 |
| 13. Discuss use case scenario with an example. | 10 |
| 14. Explain shared data style. | 10 |
| 15. Explain COCOMO model. | 10 |
| 16. Explain different levels of cohesion | 10 |
| 17. Explain main object oriented concepts. | 10 |
| 18. Explain Test Driven Development (TDD) with a neat flow chart. | 10 |
| 19. Explain code inspection. | 10 |

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