

Code No.: AI731PE

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H.T.No.

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS

IV-B.TECH-I-Semester End Examinations (Regular) - November- 2023

DEVOPS
(CSM)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A

(20 Marks)

1. a) List out the merits of Waterfall model? [2M]
- b) Differentiate Water fall model and Agile model [2M]
- c) List any six principles of Agile Methodology. [2M]
- d) List DevOps advantages and disadvantages? [2M]
- e) Compare DevOps and Agile. [2M]
- f) Explain Agile model with an example? [2M]
- g) What are the benefits of Continuous Integration and Continuous Delivery? [2M]
- h) What is the difference between continuous delivery and deployment in DevOps? [2M]
- i) How to measure CAMS? [2M]
- j) What is Configuration Management? [2M]

PART-B

(50 Marks)

2. What is Water fall model? Explain with neat sketch. [10M]
- OR**
3. Write a short note on the advent of software engineering. [10M]
4. With neat sketch elaborate Iterative Agile Software Development. [10M]
- OR**
5. Explain in detail about Customer collaboration over contract negotiation. [10M]
6. Define DevOps. Discuss about DevOps tools in detail. [10M]
- OR**
7. Explain the DevOps architecture? Describe DevOps role in architecture with suitable example. [10M]
8. Briefly explain about Continuous Delivery. Give some popular tools for Continuous Deliver. [10M]
- OR**
9. Explain about Continuous Deployment. List some popular DevOps tools for Continuous Deployment. [10M]
10. Discuss about Test Driven Development. [10M]
- OR**
11. Explain about CAMS in detail. [10M]
