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# PRESIDENCY UNIVERSITY

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Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
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Bengaluru

**Mid Term Examinations - October 2026**

**Date:** 05/10/2026 **Time:** 11:45 AM - 01:15 PM

**Course Code:** CDV3416 **Course Name:** DevSecOps in Financial Services

**Semester:** Seventh Semester **Max. Marks:** 50 **Weightage:** 50%

| CO - Levels | CO1 | CO2 |
|---|---|---|
| Marks | 46 | 44 |

**PART A: Answer Following Questions. 10 M**

| Q.N. | Questions | M | CO | BT |
|---|---|---|---|---|
| 1 | What is a Secure SDLC? | 2 | CO1 | BT2 |
| 2 | What is the purpose of access control in DevSecOps? | 2 | CO1 | BT2 |
| 3 | What does GDPR mainly protect? | 2 | CO1 | BT2 |
| 4 | What does GDPR mainly protect? | 2 | CO2 | BT4 |
| 5 | Why should hardcoded secrets be avoided? | 2 | CO2 | BT4 |

**PART B : Answer Any 1 Following Questions. 10 M**

| Q.N. | Questions | M | CO | BT |
|---|---|---|---|---|
| 6 | Explain why financial applications need strong security controls. Mention any five controls. | 10 | CO1 | BT2 |
| 7 | Explain any five common cyber threats faced by banking and fintech systems. | 10 | CO1 | BT2 |

**PART C: Answer Any 1 Following Questions. 10 M**

| Q.N. | Questions | M | CO | BT |
|---|---|---|---|---|
| 8 | Explain the importance of GDPR in a financial application that handles customer personal data. | 10 | CO1 | BT2 |
| 9 | Explain the role of RBI cybersecurity guidelines in digital banking security. | 10 | CO1 | BT2 |

**PART D: Answer Any 1 Following Questions. 10 M**

| Q.N. | Questions | M | CO | BT |
|---|---|---|---|---|
| 10 | Explain the role of RBI cybersecurity guidelines in digital banking security. | 10 | CO2 | BT4 |
| 11 | A CI/CD pipeline deploys code without security testing. Analyse the risks and suggest suitable security checks. | 10 | CO2 | BT4 |

**PART E: Answer Any 1 Following Questions. 10 M**

| Q.N. | Questions | M | CO | BT |
|---|---|---|---|---|
| 12 | A company downloads container images from an untrusted public registry. Analyse the risks and suggest controls. | 10 | CO2 | BT4 |

| | | | | |
|---|---|---|---|---|
| 13 | A vulnerable open-source dependency is found after deployment. Analyse the response steps using supply-chain security practices. | 10 | CO2 | BT4 |