Q.1

What is ADB Command? Explain 5 ADB Commands in detail. (5M)

OR

Write the ADB commands.→(5M)

OR

What is ADB? Write five adb command and their functionalities. → (8M)

OR

What is ADB? Explain the any five ADB Commands

Q.2

What is Application Permission? Explain different types of Application permission protection level. (5M)

OR

What is application permission? Discuss different types of Application permission → (8M)

OR

What is application permission? List types of permission. Write a step to request permission →(8M)

Q.3

What is Pen-testing? Explain different Strategies for Pen - Testing →(5M)

OR

What is penetration testing? Explain the types of Penetration testing. (8M)

OR

Explain Mobile Application Security Pen-Testing Strategy?

Q.4

What is Secure Inter Process Communication? →(5M)

OR

Explain inter-process communication of android applications. (8M) (PYQ)

Q.5

Explain Android File systems in detail. (Mid sem) (5M)

OR

Discuss the different types and Sub types of android file systems. (8M) (PYQ) (2024)

Q.6

Discuss Android Boot Process. Explain the steps involved in the boot process. (Midsem)→(5M)

OR

Explain Android Boot Process In Detail? (7M) (2022-PYQ)

OR

Explain the android boot sequence. Also list out the different partitions of android. (8M) (2024-PYQ)

Q.7

Use a pictorial representation to describe the android architecture. (Midsem) (5M)

OR

Explain the android application architecture? (7M) → (2022_PYQ).

OR

What is Android. Explain the architecture of Android with the help of a diagram. →(5M) (Ta1)

OR

Explain the different layers of Android architecture in detail (2024_PYQ_TA1)

OR

What are the different layers of android architecture? Explain each of them. (8M) - (2024_PYQ)

Q.8

Explain the OWASP Top 10 Vulnerabilities for Mobile? (8M) (Midsem)

OR

Explain OWASP Top-10 vulnerabilities for Mobile? (8M) - (PYQ-2022)

OR

Explain OWASP top-10 vulnerabilities for Mobile (5M)→(Ta1)

Q.9

What is Hexdump ? Explain the important features of Hexdump. (8M) (Mid Sem)

OR

Explain the following: (i) Hexdumpste (ii) Dexdump (7M) (PYQ-2024).

Q.10

Explain the difference between DALVIK and SMALI (7M) (Mid-sem)

OR

What is Smali ? Why is important in reverse engineering? (7M) (PYQ-2024)

Q.11

What is reverse engineering? What are the steps involved in reverse engineering of a Software. (7M) (Mid sem)

OR

Write short notes on in reverse engineering android applications? (5M) (2022_PYQ)

OR

What is reverse engineering? How it is important for mobile security? (7M) (PYQ-2024)

Q.12

Explain Android Manifest file with example? (5M) (PYQ-2022)

OR

What is AndroidManifest.xml file? What types of information is there in this file? (8M) (PYQ-2024)

Q.13

Explain MobSF (Mobile Security Framework) in detail? (7M) (PYQ-2022)

Q.14

Explain the Android application security vulnerability assessment using QARK? (7M) (PYQ_2022)