**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\_ΡΥQ)

**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) (ΡΥQ-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)