

Enrolment Number	Student Name	Student Signature	Supervisor Name	Supervisor Signature
240203007003	Pratham Badge	#Pratham!	M	

National Forensic Sciences University

School of Cyber Security and Digital Forensics

Course Name: M. Tech. AI&DS/M.Sc. Cyber Security (Batch: 2024-26)

Semester - II Exam: TA - I (Feb - 2025)

Subject Code: CTMSCS SII P3/CTMTAIDS SII P2

Time: 11:00 to 11:45 AM

Subject Name: M.S/M.S.F

Date: 11/02/2025

Note: The following table is for the examiner only.

Question No.	Marks by Examiner	Total
1	5	22
2 (A)	17	
2 (B)		
2 (C)		Examiner Name and Sig. Jung.
2 (D)		
2 (E)		

Q1. Arrange the following terms according to the Android's Architecture

[05 Marks]

Application Framework	Linux Kernal	Android Runtime	Application	Libraries
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Android's Architecture

Application				
Application Framework				
Android Runtime			Libraries	
Linux Kernal				

5

Q2. Answer the following. (Attempt any 4) [Total 20 Marks, 5 Marks for Each Question.]

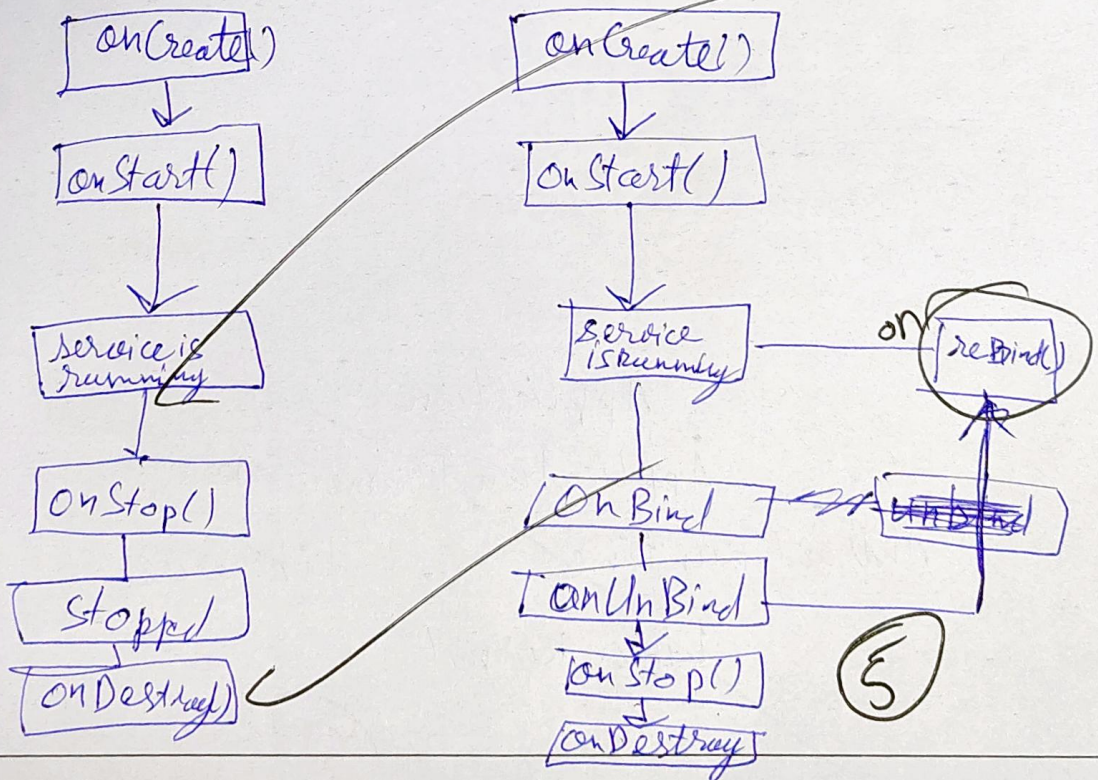
Q2 (A) – List out the different component entry in the AndroidManifest.xml

Answer:

- 1) target SDK version
- 2) Permission
- 3) Application name
- 4) List of activities in application
- 5) List of Resources ^{dis} like bit map, png, jpg & directory it is in.

Q2 (B) – Draw the block diagram for the Life Cycle of Bound Service and Unbound Services.

Answer:



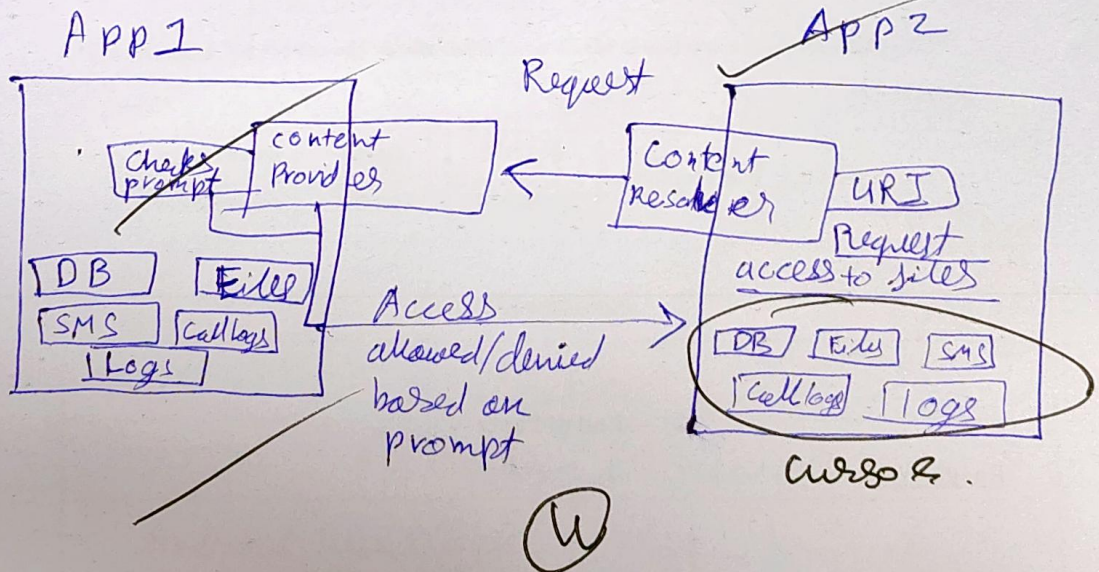
2 (C) – List out the any 5 Dangerous permissions in android applications.

Answer:

- 1) Camera access
- 2) File Storage access, modify, read, write
- 3) Mic access
- 4) Contact access, modify, update, delete (u)
- 5) STU permission/ Root permission

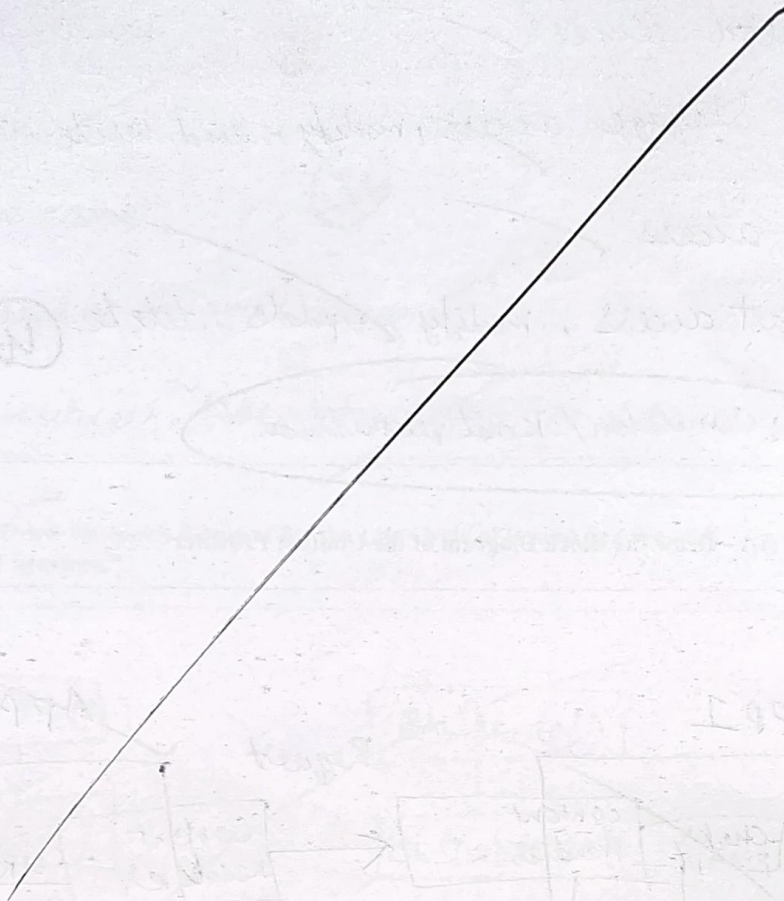
Q2 (D) – Draw the Block Diagram of the Content Provider

Answer:



Q2 (E) – Draw Block Diagram for the Android application compilation and runtime process.

Answer:



---End of Paper---

Rough Work