National Forensics Sciences University, Goa Campus
Mid- semester Examination

Branch – Cyber Security	
Sem – 2	
Date - 29-02-2024	
Subject Name - Mobile Security	
Subject Code - CTMSCS SII P3	
Duration: 45 Min	
Max. Marks- 25	
Instructions - 1) Answer all questions. 2) Assume suitable data.	

Q.1	Multiple Choice Questions (1 mark each)	10 marks

	i. Activity manager:
	   a. Manages views
	   b. Manages intent resolution
	   c. Provide access to graphics
	   d. None of the above
		1 mark

	ii. First commercial version of Android 1.0 (with name Alpha), was released in
	   a. August 2008
	   b. September 2008
	   c. October 2008
	   d. November 2008
		1 mark

	iii. Google acquired android Incorporation in
	   a. 2004
	   b. 2005
	   c. 2006
	   d. 2007
		1 mark

	iv. Activity Manager lies in which layer of android architecture?
	   a. Kernel
	   b. Libraries
	   c. Application Framework
	   d. Applications
		1 mark

	v. Resource Manager:
	   a. Manage various event notifications
	   b. Is an interface for setting locations
	   c. Provide access to non-code app resources
	   d. None of the above
		1 mark

	vi. Android's native libraries are written in:
	   a. JAVA
	   b. C or C++
	   c. Python
	   d. Perl
		1 mark

	vii.	Which is not an Android Application Components: a. Activity b. Service c. Content d. Assembler	1 mark
	viii.	Intent cannot be used for: a. Start Activity b. Broadcast Intent c. Start service d. Start application	1 mark
	ix.	Which is not a type of intent a. Explicit b. Implicit c. None	1 mark
	x.	Sandboxing is: a. isolate applications from each other b. Connect applications	1 mark
Q.2		Answer any 3 questions (3x5 marks each)	15 Marks
	i.	What is intent? Explain the types of intent.	5 marks
	ii.	Explain the different layers of Android architecture in detail.	5 marks
	iii.	What are the four important components of android application.	5 marks
	iv.	Explain the binder framework.	5 marks