Reg. No. | | | | | | | | |

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.

UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.Sc., COMPUTER SCIENCE

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
V	PART - III	CORE	U21CS508	MOBILE APPLICATION DEVELOPMENT

Date & Session: 25.04.2025/FN   **Time: 3 hours**   **Maximum: 75 Marks**

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer ALL Questions.
CO1	K1	1.	What does API stand for? a) Android Programming Interface b) Android Page Interface c) Application Programming Interface d) Application Page Interface
CO1	K2	2.	The sendStickybroadcast(intent) method in Android is used to show that the intent is _____. a) Optional b) Prioritize c) Sticky c) main
CO2	K1	3.	Which of the following is a dialog class in Android? a) AlertDialog b) DatePicker Dialog c) ProgressDialog d) All of the above
CO2	K2	4.	All layout classes are subclasses of _____. a) Android.view.View b) Android.view.Widget c) Android.view.Viewgroup d) None
CO3	K1	5.	Which of the following is the name of the Android version 1.5? a) Éclair b) Cupcake c) Froyo d) Donut
CO3	K2	6.	To perform repeated tasks _____ class is used. a) Timer b) Intent Service c) Post d) onBind
CO4	K1	7.	In Android, by default, the SQLite database saves data in_____. a) External Storage b) Memory c) Internal Storage d) On the cloud
CO4	K2	8.	Which of the following android component displays the part of an activity on screen? a) View b) Manifest c) Intent d) Fragment
CO5	K1	9.	Which of the following method is used to handle what happens after clicking a button? a) onClick b) onCreate c) onSelect d) onRim
CO5	K2	10.	Which of the following is contained in the src folder? a) XML b) Java source code c) Manifest d) windows
Course Outcome	Bloom's K-level	Q. No.	SECTION – B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K3	11a.	Show the salient features of Android. **(OR)**
CO1	K3	11b.	Describe the steps to display a dialog window.

Course Outcome	Bloom's K-level	Q. No.	
CO2	K3	12a.	Write down Table layout with example.
			(OR)
CO2	K3	12b.	Develop an application that uses Layout Managers and event listeners.
CO3	K4	13a.	Examine the Basic views with example.
			(OR)
CO3	K4	13b.	Estimate the steps to use of list views to display long lists.
CO4	K4	14a.	Analyse the purpose of image switcher for animation.
			(OR)
CO4	K4	14b.	Illustrate the steps to choose the best storage option.
CO5	K5	15a.	Create your own program to share the message.
			(OR)
CO5	K5	15b.	Construct the Threads using Intent service.

Course Outcome	Bloom's K-level	Q. No.	**SECTION – C (5 X 8 = 40 Marks)** **Answer ALL Questions choosing either (a) or (b)**
CO1	K3	16a.	Illustrate Android Architecture.
			(OR)
CO1	K3	16b.	Write an application that draws basic graphical primitives on the screen.
CO2	K4	17a.	Outline the implementation of adapting to display orientation.
			(OR)
CO2	K4	17b.	Elaborate the process of add action items to the action bar.
CO3	K4	18a.	Determine the importance of AutoCompleteTextView control.
			(OR)
CO3	K4	18b.	Estimate the steps to use a preference fragment.
CO4	K5	19a.	Create and use SQLite Database.
			(OR)
CO4	K5	19b.	Examine the steps to create the DBAdapter helper class.
CO5	K5	20a.	Develop a mobile application to send an email.
			(OR)
CO5	K5	20b.	Predict the establishing communication between a service and an activity.