

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2023)

CLASS: BCA
BRANCH: BCA

SEMESTER : V
SESSION : MO/2023

SUBJECT: CA275 ANDROID PROGRAMMING

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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		CO	BL
Q.1(a)	Why is Android popular in mobile phones?	[2] 1	1
Q.1(b)	Describe the features of Android platform.	[3] 1	1
Q.2(a)	Why do we use Gradle in android application development?	[2] 2	2
Q.2(b)	Explain the life cycle of an activity in an Android application.	[3] 2	2
Q.3(a)	How is a layout defined in an activity in Android application?	[2] 3	3
Q.3(b)	Explain the basic features of LinearLayout?	[3] 3	3
Q.4(a)	Explain the use cases of TableLayout.	[2] 4	4
Q.4(b)	How would you arrange views in TableLayout? Explain with appropriate example.	[3] 5	5
Q.5(a)	Differentiate between push button, toggle button and image button views.	[2] 4	4
Q.5(b)	Write XML code that sets two input views. First input is a date and the second input is a password. You need to define basic layout and view definitions. You may ignore the namespaces for XML tags.	[3] 5	5

:::22/09/2023 M:::