

GLS UNIVERSITY
Faculty of Computer Applications & IT
IMCA SEM V

222301504 Cross Platform Mobile Application Development
Assignment – 5

Q-1.	Do as Directed
1.	To control an animation in Flutter programmatically, you can use an _____.
2.	The _____ widget in Flutter enables creating a shared element transition animation between different screens.
3.	To create a side navigation panel in a Flutter app, you can use a _____.
4.	The <code>Hero</code> widget requires a unique tag for each element in a shared element transition.
5.	The <code>AnimatedContainer</code> widget in Flutter automatically adjusts its duration based on the complexity of the animation.
6.	<code>TabBar</code> can only be used in conjunction with <code>AppBar</code> .
7.	<code>AnimationController</code> must always be disposed to free up resources.
8.	A _____ widget in Flutter is a scrollable list of widgets arranged linearly.
Q-2.	Answer the following questions:
1.	What are the advantages of using <code>AnimatedContainer</code> over a regular <code>Container</code> when creating animations in Flutter?
2.	Describe the steps to implement a <code>BottomNavigationBar</code> in a Flutter application.
3.	How does <code>Hero</code> animation work in Flutter, and what are some common use cases?
4.	How can named navigation routes simplify navigation in larger Flutter applications?