



قائمة الاسئلة

(40) الامتحان درجة - المعلومات وتكنولوجيا الحاسوب كلية - الكل - المعلومات تكنولوجيا- الثالث المستوى- mobile programming

ابسعاد عثمان

- 1) offer APIs for basic functions like graphics rendering, database management, and file systems.
 - 1) - Kernel Layer
 - 2) - Hardware layer
 - 3) ☒ System Libraries and Middleware
- 2) High-level frameworks for user interface design and app interaction
 - 1) - Media Layer
 - 2) ☒ Cocoa Touch Layer
 - 3) - Core Services
 - 4) - Core OS
- 3) OS Based on Linux Kernel
 - 1) ☒ Android os
 - 2) - IOS
 - 3) - Windows
 - 4) - Symbian
- 4) Flutter is a great tool from Google for creating native-platform applications
 - 1) - TRUE.
 - 2) ☒ FALSE.
- 5) It is a collection of reusable elements like text inputs, slide buttons
 - 1) - SDK
 - 2) ☒ Frameworks
 - 3) - flutter
- 6) cupertino library for ios application
 - 1) ☒ TRUE.
 - 2) - FALSE.
- 7) The changes made by the developers can be seen instantaneously
 - 1) - Native Feel and Features
 - 2) ☒ Hot Reload
 - 3) - Recompile
- 8) Java is the programming language that Flutter uses.
 - 1) - TRUE.
 - 2) ☒ FALSE.
- 9) basically a user interface component that affects and controls the view and interface of the app
 - 1) ☒ Widget
 - 2) - scaffold
 - 3) - matiralapp
- 10) Placing the widgets together creates the widget tree.
 - 1) ☒ TRUE.
 - 2) - FALSE.
- 11) does not have any state information. It remains static throughout its lifecycle.
 - 1) ☒ StatelessWidget
 - 2) - StatefulWidget
 - 3) - Widget tree
- 12) method returns a class that extends the Flutters State Class
 - 1) - setstate
 - 2) ☒ createstate



- 3) - initState
- 13) BuildContext handles the location of the widget in the widget tree
- 1) ☒ TRUE.
- 2) - FALSE.
- 14) for convert data or dart object to json we use
- 1) ☒ jsonencode
- 2) - jsondecode
- 3) - convert
- 4) - parse
- 15) It is used to specify the color of the switch round ball when it is OFF
- 1) - InactiveTrackColor
- 2) ☒ inactiveThumbColor
- 3) - activeTrackColor
- 4) - activeColor
- 16) It will place the free space between the children evenly and before and after the first and last children widget
- 1) - spaceBetween
- 2) - spaceAround
- 3) ☒ spaceEvenly
- 4) - center
- 17) This widget arranges its children in a horizontal direction on the screen.
- 1) ☒ row
- 2) - column
- 3) - container
- 4) - non all above
- 18) The property allows developers to rotate the container.
- 1) - Decoration
- 2) ☒ Transform
- 3) - Alignment
- 4) - Constraints
- 19) property is used to surround the empty space around the container.
- 1) - margin.EdgeInsets.all(20)
- 2) - margin.EdgeInsets(20)
- 3) ☒ margin: EdgeInsets.all(20)
- 4) - non all above
- 20) Alert displays the list of items, which takes immediate action when selected.
- 1) - Basic AlertDialog
- 2) - Confirmation AlertDialog
- 3) ☒ Select AlertDialog
- 4) - TextField AlertDialog
- 21) Which is true to add camera icon widget
- 1) - Icons(
Icons.camera_enhance,
size: 70,
color: Colors.green
)
- 2) ☒ Icon(
Icons.camera_enhance,
size: 70,
color: Colors.green



- 3) - Icon(
Icon.camera_enhance,
size: 70,
color:Colors.green
),
- 4) - Icons(
Icon.camera_enhance,
size: 70,
color:Colors.green
),
- 22) Flutter allows the user to retrieve the text in mainly two ways
- 1) - onChanged method, and control method
 - 2) ☒ onChanged method, and controller method
 - 3) - onPressed method, and controller method
 - 4) - onlongChanged method, and control method
- 23) method adds a page/route on the stack and then manage it by using the Navigator
- 1) - Navigator.Pop(context,MaterialPageRoute(builder: (context) => SecondRoute())
 - 2) - Navigator.push(context,MaterialPageRoute(builder: context)
 - 3) - Navigator.push(context,MaterialRoute(builder: (context) => SecondRoute())
 - 4) ☒ Navigator.push(context,MaterialPageRoute(builder: (context) => SecondRoute())
- 24) This method is used to submit the data to the specified resources.
- 1) - Get
 - 2) ☒ Post
 - 3) - Put
 - 4) - Head
- 25) The fourth step of fetch data from the internet:
- 1) - make a network request by using the http package.
 - 2) ☒ fetch the data with Flutter in the initState().
 - 3) - convert the response getting from network request into a custom Dart object.
 - 4) - display the data by using the FutureBuilder widget
- 26) The http package uses await and unasync features and provides many high-level methods
- 1) - TRUE.
 - 2) ☒ FALSE.
- 27) container widget can render directly without any parent widget
- 1) - TRUE.
 - 2) ☒ FALSE.
- 28) In Flutter, the screens and pages are known as routes, and these routes are not a widget
- 1) - TRUE.
 - 2) ☒ FALSE.
- 29) We use push and pop methods to navigate between two routes.
- 1) ☒ TRUE.
 - 2) - FALSE.
- 30) text button has an elevation
- 1) - TRUE.
 - 2) ☒ FALSE.
- 31) widget to create the root level UI of the application
- 1) - scaffold
 - 2) - home



- 3) ☒ matiralapp
4) ☐ matiral
- 32) it contains a thin grey rounded rectangle border
- 1) ☐ Inkwel Button
2) ☐ Floating Button
3) ☐ Icon Button
4) ☒ Outline Button
- 33) Which of the following is true for sending a URL
- 1) ☐ await http.post(url);
2) ☒ await http.get(url);
3) ☐ http.get(url);
4) ☐ http.post(url);
- 34) card layout is standerd layout
- 1) ☐ TRUE.
2) ☒ FALSE.
- 35) Container is multi child widgets
- 1) ☐ TRUE.
2) ☒ FALSE.