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tion

In AndroidManifest.xml file, ... attribute specifies the name of your application.
What is the correct answer for the blank?

Select one:

○ a. versionCode

○ b. versionName

○ c. None of the given

○ d. icon

○ **e. label**

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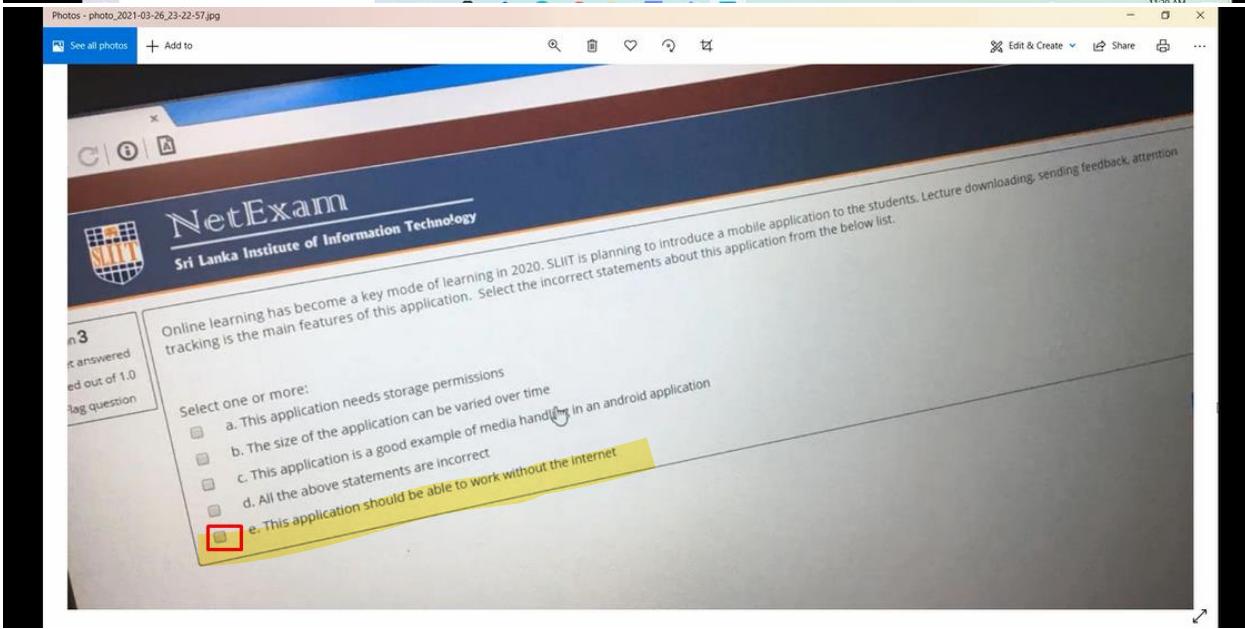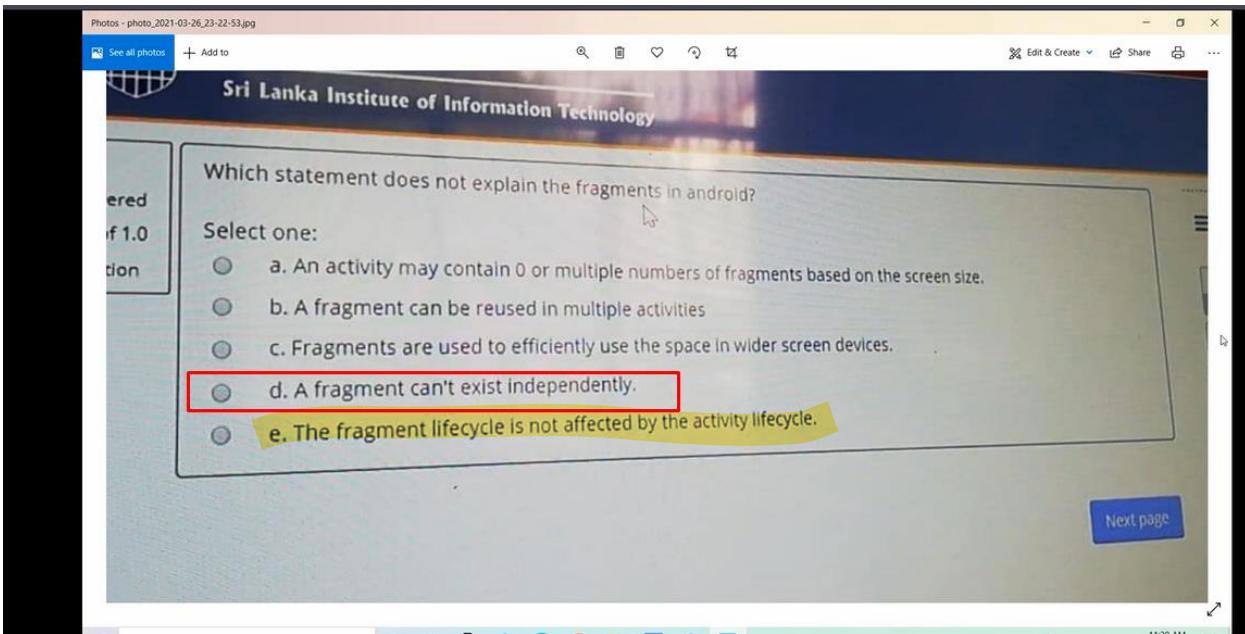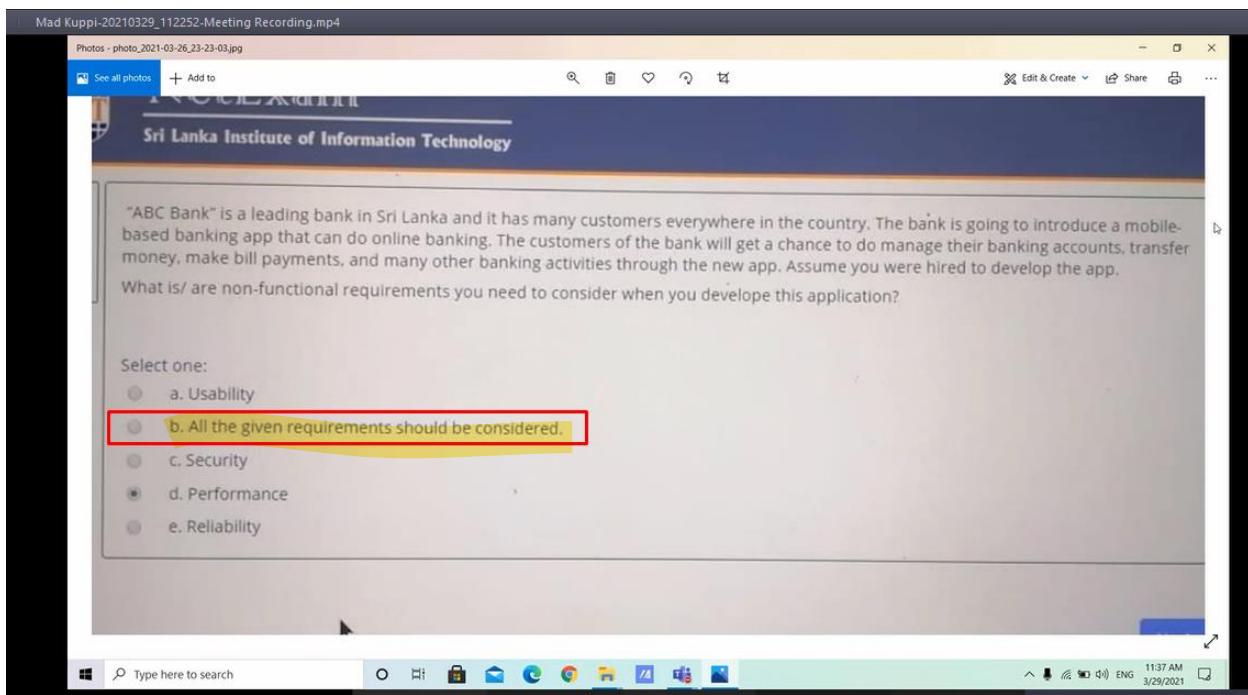
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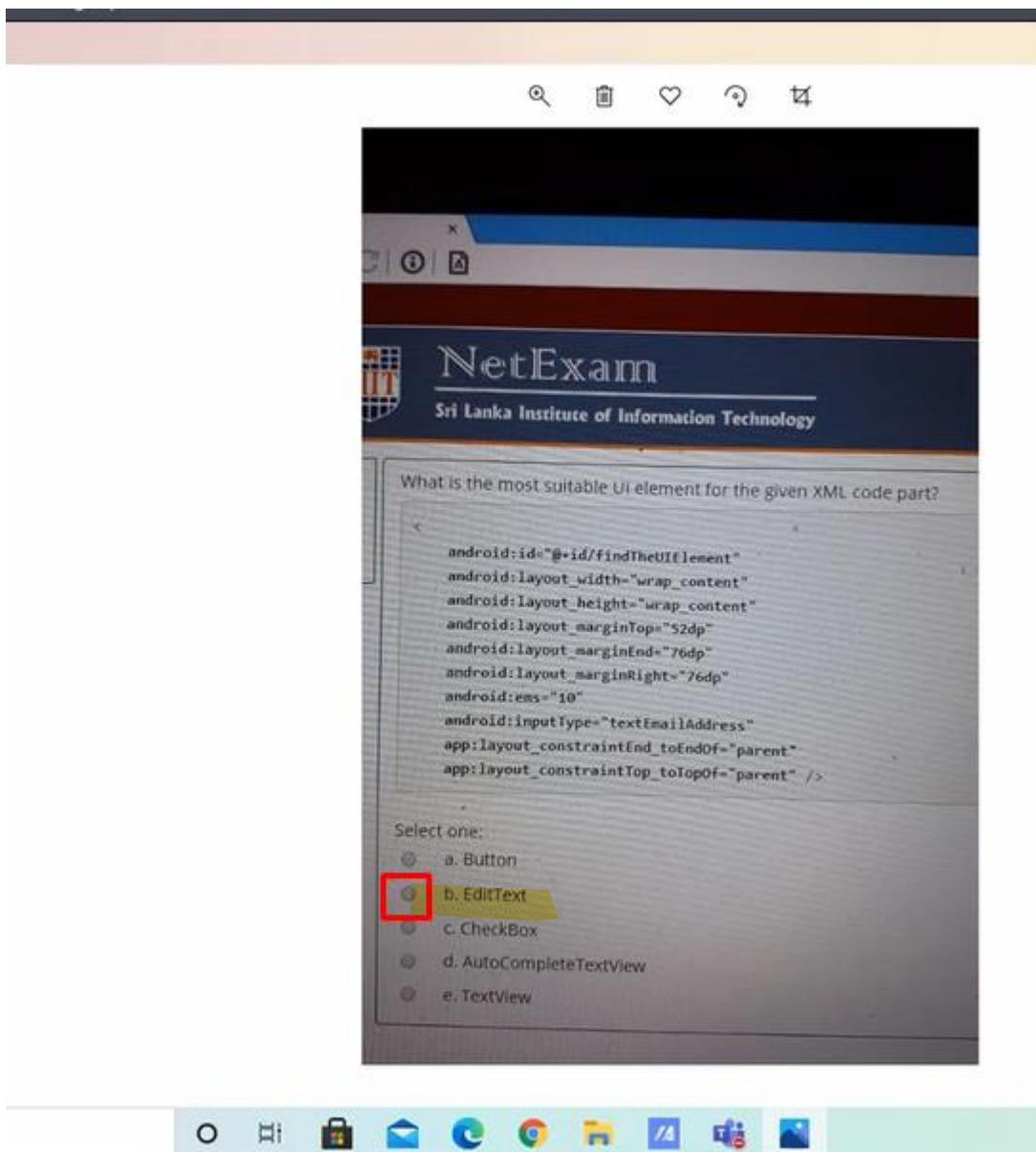
What is/are the features that Toast cannot be done?
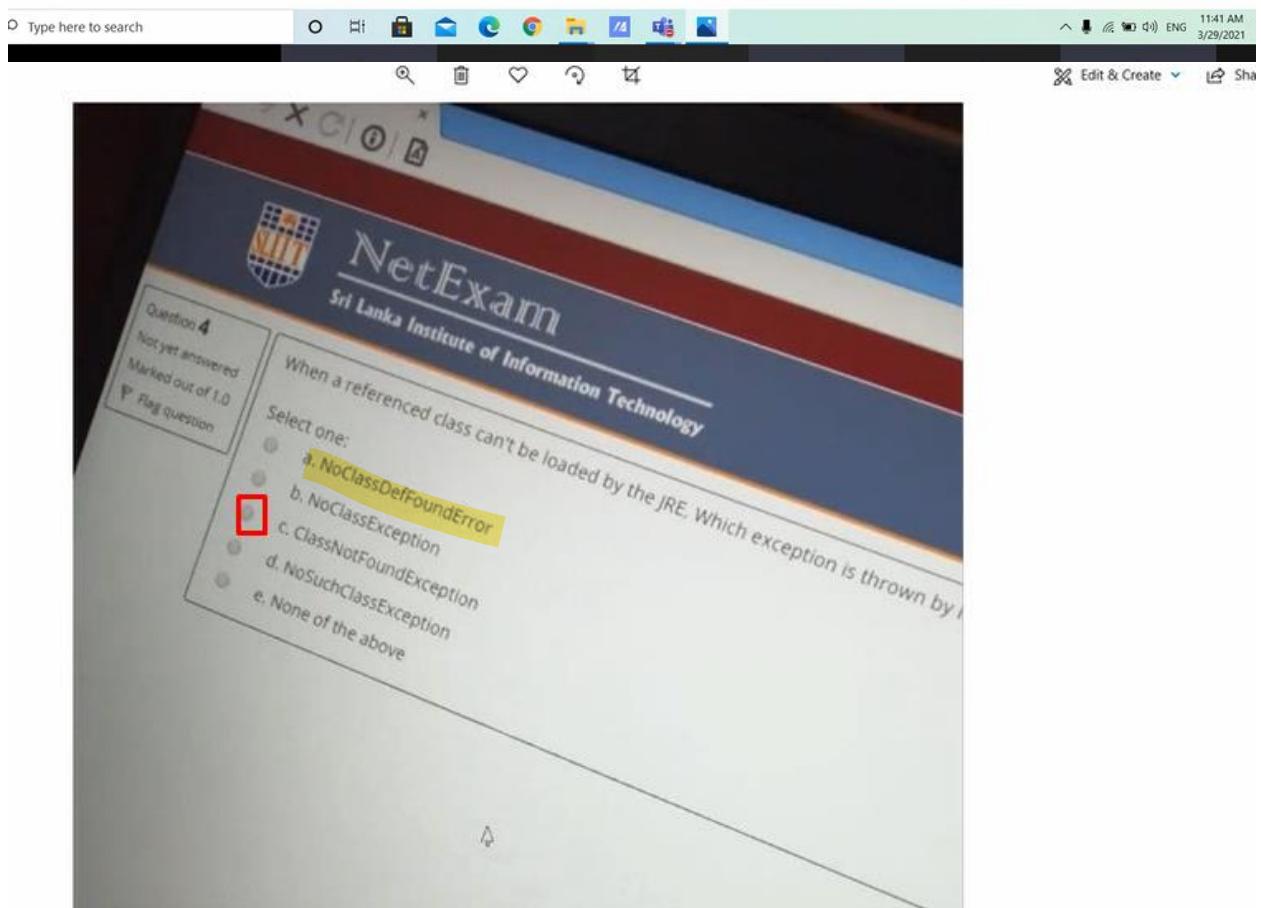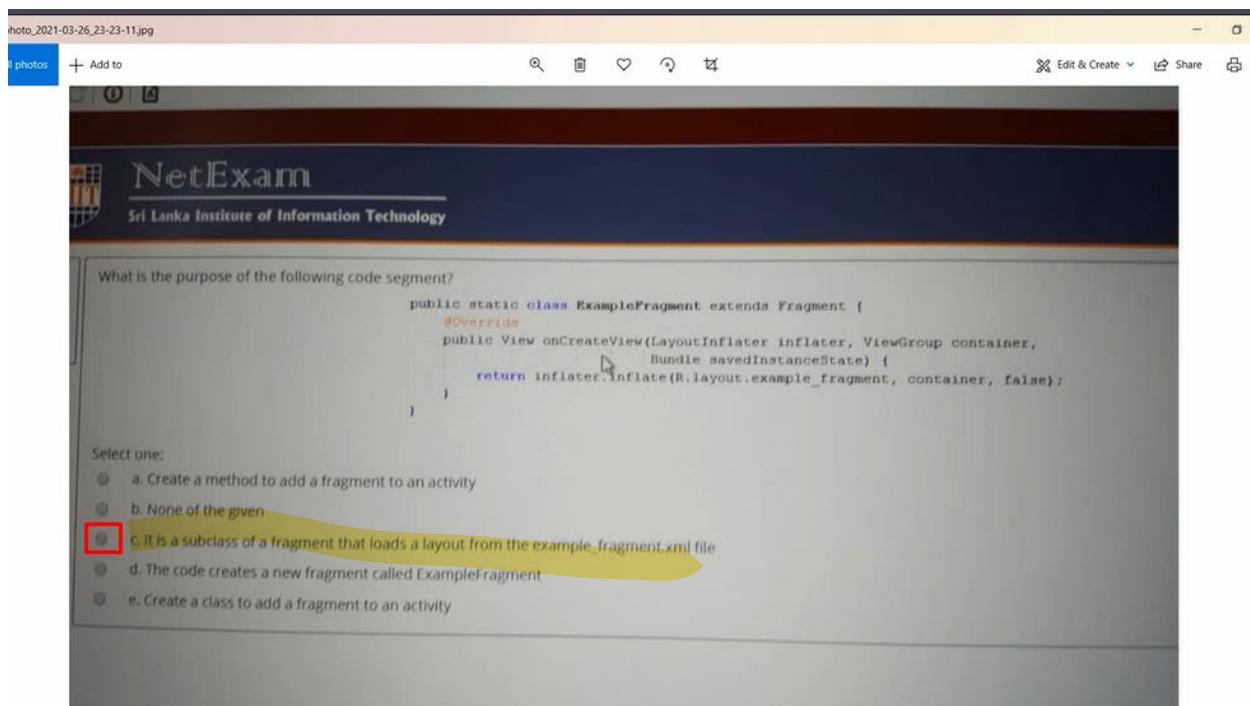
Select one or more:

☐ a. Notify application about its current status

☐ b. Toast messages Shown with a custom layout.

☐ **c. Be focused or clicked.**

☐ **d. Shown with bi-direction margins**

☐ e. Shown with a custom position at the screen with a combination of its gravity and x-y offset

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Which statement does not explain the fragments in android?

Select one:

- ○ a. An activity may contain 0 or multiple numbers of fragments based on the screen size.
- ○ b. A fragment can be reused in multiple activities
- ○ c. Fragments are used to efficiently use the space in wider screen devices.
- ○ d. A fragment can't exist independently.
- ○ e. The fragment lifecycle is not affected by the activity lifecycle.

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Online learning has become a key mode of learning in 2020. SLIIT is planning to introduce a mobile application to the students. Lecture downloading, sending feedback, attention tracking is the main features of this application. Select the incorrect statements about this application from the below list.

Select one or more:

- ☐ a. This application needs storage permissions
- ☐ b. The size of the application can be varied over time
- ☐ c. This application is a good example of media handling in an android application
- ☐ d. All the above statements are incorrect
- ☐ e. This application should be able to work without the internet

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"ABC Bank" is a leading bank in Sri Lanka and it has many customers everywhere in the country. The bank is going to introduce a mobile-based banking app that can do online banking. The customers of the bank will get a chance to do manage their banking accounts, transfer money, make bill payments, and many other banking activities through the new app. Assume you were hired to develop the app.

What is/ are non-functional requirements you need to consider when you develope this application?

Select one:

○ a. Usability

○ b. All the given requirements should be considered.

○ c. Security

● d. Performance

○ e. Reliability

What is the most suitable UI element for the given XML code part?

```
android:id="@+id/findTheUIElement"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="52dp"
android:layout_marginEnd="76dp"
android:layout_marginRight="76dp"
android:ems="10"
android:inputType="textEmailAddress"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

Select one:

○ a. Button

○ b. EditText

○ c. CheckBox

○ d. AutoCompleteTextView

○ e. TextView

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What is the purpose of the following code segment?

```
public static class ExampleFragment extends Fragment {
    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
            Bundle savedInstanceState) {
        return inflater.inflate(R.layout.example_fragment, container, false);
    }
}
```

Select one:

- a. Create a method to add a fragment to an activity
- b. None of the given
- c. It is a subclass of a fragment that loads a layout from the example_fragment.xml file
- d. The code creates a new fragment called ExampleFragment
- e. Create a class to add a fragment to an activity

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Question 4

Not yet answered

Marked out of 1.0

Flag question

When a referenced class can't be loaded by the JRE. Which exception is thrown by

Select one:

- a. NoClassDefFoundError
- b. NoClassException
- c. ClassNotFoundException
- d. NoSuchClassException
- e. None of the above

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Question 10

Not yet answered

Marked out of 1.0

⚑ Flag question

What is/are include in the Mobile Context Principle in Interface Design?

Select one or more:

a. When using the application for a long time, it should not be boring.

b. It has to keep communication between user and application about the status.

c. The mobile app contains good navigations through the interfaces.

d. Mobile app support for some operations in offline even it works with the network connectivity.

e. The application should achieve multiple tasks at the same time.

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it19196602 Thivyapranath

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yes answered

ked out of 1.0

Flag question

The following are some of the attribute values of a Button in a Constraint layout. id: button, text: Sign Up, textSize: 24sp, textStyle: bold. background: white color

What is/are the **incorrect** line/s of code in the XML file regarding the above button?

Select one or more:

a. android:textStyle="bold"

b. android:textSize="24sp"

c. android:id="button"

d. android:text="Sign Up"

e. android:background="@android:color/white"

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☰ Quiz navigation

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17	18	19	20	21
25

Finish attempt ...

Time left **0:20:18**
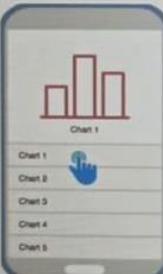
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Question **8**

Not yet answered

Marked out of 1.0

⚑ Flag question

The following application UI contains two parts, the upper section, and the lower section and the lower section. The Upper section displays the chart based on the option you have selected from the lower section. Assume you are the mobile app developer and you have to design this UI.

What is true about the following interface design?

Select one:
- a. Only one fragment is enough.
- b. It is required to add five fragments to display 5 charts separately
- c. Only a single Activity is enough.
- d. One activity for the upper section and another activity for the lower section are required.
- e. Only one single activity and two fragments are enough

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What is/are the method/s you can override in the fragment class?

A.   onAttach()

B.   onCreate()

C.   onCreateView()

D.   onActivityCreated()

Select one:
- a. A and D only
- b. All are correct
- c. A, C and D only
- d. A and C only
- e. A, B and C only

Question 9

Not yet answered

Marked out of 1.0

⚑ Flag question

What is/are the correct statement/s about the following code segment?

```
Button Ok;
@Override
protected void onResume() {
 super.onResume();
 Ok.setOnClickListener(new View.OnClickListener() {
   @Override
   public void onClick(View view) {
   Intent intOk = new Intent(MainActivity.this, MainMenu.class);
   startActivity(intOk);
   }
  }
 }
```

Select one or more:

☐ a. Once the user clicks the "Ok" button, MainActivity will be displayed on the screen.

☑ b. Once the user clicks the "Ok" button, the Mainmenu activity will be displayed on the screen.

☐ c. Using this code segment can pass a synchronous message to Mainmenu activity to start

☐ d. When user clicks the "Ok" button, it navigates to MainMenu and destroys the MainActivity.

☐ e. Using this code segment, it can pass an asynchronous message to Mainmenu activity to start.

Question 7

Not yet answered

Marked out of 1.0

Flag question

What is/are true about the following code segment?

```
Fragment newFragment = new ExampleFragment();
FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();

transaction.replace(R.id.fragment_container, newFragment);
transaction.addToBackStack(null);

transaction.commit();
```

Select one or more:

☐ a. Display information of stack on fragment

☑ b. newFragment replaces whatever fragment (if any) is currently in the layout container identified by the R.id.fragment_container ID.

☐ c. Create a new fragment and add a new transaction for that fragment.

☐ d. Calling commit () perform the transaction immediately.

☑ e. Replace one fragment with another, and preserve the previous state in the back stack

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"ABC Bank" is a leading bank in Sri Lanka and it has many customers everywhere in the country. The bank is going to introduce a mobile-based banking app that can do online banking. The customers of the bank will get a chance to do manage their banking accounts, transfer money, make bill payments, and many other banking activities through the new app. Assume you were hired to develop the app.

When making a payment through the app, it needs to confirm the action. What is the most suitable and, secure way to do the confirmation?

Select one or more:

☑ a. By asking the user to tap on the confirm button on a popup dialog box

☑ b. By sending an email to the user with a link and ask the user to confirm by click on the link

☑ c. By sending a message to the phone with a code and asking the user to enter that code on the confirmation dialog box.

☑ d. Asking the user to enter e-mail and password again

☐ e. By asking the user to enter pre-given passcode.

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Which describes the "View" in mobile applications?

Select one:

○ a. The view is the container that defines the layout structure.

○ b. View Group consists of only a set of views.

○ c. Layouts can be created on Views.

○ d. Buttons, text views, widgets are examples for View Groups.

● e. Views consist of objects that a user can see and interact with.

What is the correct line of code in XML to set the background color (white) of the layout?

Select one:

○ a. background="@android:color/white"

● b. app:background= "@app:color/white"

○ c. background = "android:color/white"

○ d. android:background = "color/white"

○ e. android:background="@android:color/white"

What is/are the correct statements about the intent class constructor?

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tion

Select one or more:

☑ a. The intent class constructor has two parameters.

☐ b. All statements are incorrect.

☐ c. The first parameter should use with "class" keyword.

☐ d. The second parameter should use "this" keyword.

☑ e. "this" keyword is a reference to the current activity.

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Flag question

What are the most suitable phrases that imply about User Interface(UI) and User Experience(UX) in mobile applications?

Select one or more:

☑ a. Good Design Thinking Methodology creates good UIs.

☑ b. Both UI and UX give benefit to users.

☐ c. User Interface attracted the users but User Experience simplifies the usage of the app.

☑ d. Responsiveness, Consistency, and familiarity make the user interfaces with good user experiences.

☑ e. Can state the User Experience as usability.

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"SuperDeals" is a food delivery service that operates in Colombo and suburbs. They record customer orders through a mobile app and let their customers give a review/rating through their app, based on them they are planning to improve their service further. Also, this app lets its customers do their payments online while they make their orders. The product owner initially wants an app that you can use to display the types of meals they offer and checkout operations.

What is the most suitable, user-friendly layout type to display food items?

Select one:
- a. Relative layout
- b. List view layout
- c. Web view layout
- d. Grid view layout
- e. Linear layout.

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```
Button loginButton = new Button(this);
loginButton.setText("Login");

Button registerButton = new Button(this);
registerButton .settext("Register");
```

What is the correct statement out of the following regarding the above code?

Select one:
- a. Create two text views and set the text to text views
- b. Generate only one button and view only lastly added register button.
- c. Create the login button and register button and set the text to the buttons.
- d. None of the given
- e. compilation error

Mobile banking has become an essential mobile application due to the lockdown situation of the country. Almost all money transactions can be handled through these mobile applications. Select the incorrect statement about this type of apps, from the following list.

Select one or more:

- [ ] a. The app should automatically log off from the online portal due to inactivity
- [ ] b.
  Security is a major concern when developing these applications
- [x] c. Light and dark color themes can be introduced since the usage of this app can be done at any time of the day.
- [ ] d.
  The ideal model for this type of application is portrait mode.
- [ ] e.
  The app should not allow multiple users to log in.

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2

The fragment represents the behavior or a portion of UI in an Activity. Consider th. following statements and what out of them?

A. You can combine multiple fragments in a single activity to build a multi-pane UI.

B. You cannot reuse a fragment in multiple activities.

C. An activity can contain any number of fragments.

D. The greatest advantage of a fragment is, it simplifies the task of creating UIs for multiple screen sizes.

Select one:

- a. A, C and D
- b. A and B
- c. A, B and C
- d. All are correct
- e. C and D

Which is Not included in Principles of Mobile Interface Designing?

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Select one:

a. Mobile Contexts

b. Gestures

c. Launching

d. User Inputs

e. Consistency

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Flag question

-------------------- occupies the complete space available on the display of the device.
What is the correct predefined value from the given answers to fill the above blank?

Select one:

a. 24sp

b. wrap_content

c. vertical

d. match_parent

e. layout_width