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Course: BCA

Subject: Mobile Application Development

Subject code: PCB-502

Uni. Roll No.: 1921089

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Section: A

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## Mid-Term Practical Exam

Ques 2. Develop an android application to demonstrate activity life cycle using logcat.

Code:- activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<android.support.constraint.Constraint
```

```
layout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match-parent"
```

```
android:layout_height="match-parent"
```

```
tools:context=".MainActivity">
```

```
<TextView
```

```
android:layout_width="wrap-content"
```

```
android:layout_height="wrap-content"
```

```
android:text="Hello World!"
```

```
app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintLeft_toLeftOf="parent"
```

```
app:layout_constraintRight_toRightOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"/>
```

```
</android.support.constraint.ConstraintLayout>
```

Laxmi



## Main Activity.java

Package com.example.act;  
import...

public class MainActivity extends AppCompatActivity {

public static final String

status = MainActivity.class.getSimpleName();

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Log.i(status, msg: "In method onCreate");

}

@Override

protected void onStart() {

super.onStart();

Log.i(status, msg: "In method onStart");

}

@Override

protected void onResume() {

super.onResume();

Log.i(status, msg: "In method onResume");

}

@Override

protected void onPause() {

super.onPause();

Log.i(status, msg: "In method onPause");

}

@Override

protected void onStop() {

super.onStop();

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```
Log.i(status, msg: "In method onstop");
```

```
}
```

```
@Override
```

```
protected void onDestroy() {
```

```
    Super.onDestroy();
```

```
    Log.i(status, msg: "In method onDestroy");
```

```
}
```

*Laure*