

Graphic Era Hill University, Dehradun  
(Answer Sheet for Online Examination Aug. 2021) (Practice)

Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)

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Date: 1/10/21 Course: BCA Branch: 5 Sem: Section: A

Subject Name: Mobile Application Development Subject Code: TBH502 Page No. 1

Ques 2 : Activity life cycle using logcat.

i- Code (activity-main.xml)

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout xmlns:android="
    http://schemas.android.com/apk/res/android"
    xmlns:app="https://schemas.android.com/apk/res-auto"
    xmlns:tools="https://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="example.javatpoint.com.activity-life
    -cycle
    .MainActivity">
```

<TextView

android:layout="wrap-content"

android:layout\_height="wrap-content"

android:"Hello world"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent"/>



Step 2:- Create a Java class

```
package com.example.activity-life-circle  
import androidx.appcompat.app.AppCompatActivity
```

```
import android.widget.Toast;
```

```
public class MainActivity extends AppCompatActivity {  
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);
```

```
        Toast.makeText(getApplicationContext(), "First on create",  
            Toast.LENGTH_SHORT).show();
```

```
        TextView textView = findViewById(R.id.tvFirstActivity);  
        textView.setOnClickListener(new View.OnClickListener() {
```

```
            @Override
```

```
            public void onClick(View v) {
```

```
                Intent intent = new Intent(MainActivity.this, Second  
                    Activity.class);
```

```
                startActivity(intent);
```

```
            }  
        };
```

```
    }
```

navy

Signature of Student



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@ override

```
protected void onStart() {  
    super.onStart();
```

```
    Toast.makeText(getApplicationContext(), "First on start",  
        Toast.LENGTH_SHORT).show();  
}
```

@ override

```
protected void onResume() {  
    super.onResume();
```

```
    Toast.makeText(getApplicationContext(), "First on resume",  
        Toast.LENGTH_SHORT).show();  
}
```

@ override

```
protected void onPause() {  
    super.onPause();
```

```
    Toast.makeText(getApplicationContext(), "First on Pause",  
        Toast.LENGTH_SHORT).show();  
}
```

@ override

```
protected void onStop() {  
    super.onPause();
```

```
    Toast.makeText(getApplicationContext(), "First on Stop",  
        Toast.LENGTH_SHORT).show();  
}
```

```
}
```

mayj