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Section - B

Semester - 5

Subject Name - Mobile Application Development Lab

Subject code - PBC-502

Date - 01/10/2021

Page No. - 1

Ans → 2. Activity lifecycle :- Mid Term Practical

activity-main.xml :-

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

```
<RelativeLayout
```

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

```
<TextView
```

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

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

```
android:textColor="@color/black"
```

```
android:text="Hello!! Good Morning Everyone"
```

```
android:textStyle="italic"
```

```
android:textSize="30dp"
```

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

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

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

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

```
</RelativeLayout>
```

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Mid Term Practical

MainActivity.java:→

```
package com.activitylifecycle;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;

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, "In Method onCreate");
    }

    @Override
    protected void onStart() {
        super.onStart();
        Log.i(status, "In Method onCreate");
    }
}
```

@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();
    Log.i("status", msg: "In Method onStop");
}
```

@Override

protected void onDestroy()

```
{
    super.onDestroy();
    Log.i("status", msg: "In Method onDestroy");
}
```

}

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