

Seat No. : \_\_\_\_\_

**NG2-123**

**December-2015**

**5<sup>th</sup> Year M.Sc., (CA & IT)**

**Internet Application**

**Time : 3 Hours]**

**[Max. Marks : 100**

1. Answer any **ten** : **10 × 2 = 20**

- (1) List out android application components and define any one of them.
- (2) What is Logcat ? Explain different methods of Logcat.
- (3) Define different methods of Media Player.
- (4) What is Intent ? Define different types of Intent.
- (5) How we can access resource programmatically ?
- (6) List out dimension unit measurements which are supported in android.
- (7) List out the values of autolink attribute of TextView.
- (8) Define RatingBar widget of android.
- (9) List out different types of dialogs used in android.
- (10) What is the difference between View and ViewGroup.
- (11) Define List Activity.

2. (A) Answer any **five** : **5 × 3 = 15**

- (1) Explain how we can customize notification in android.
- (2) What is SurfaceView ? Explain how we can create SurfaceView ?
- (3) Explain Geocoding Locations in GPS.
- (4) Explain webkit API.
- (5) What is Content Provider ? Explain MediaStore content provider.
- (6) Write note on SharedPreferences.

(B) Answer any **one** : **1 × 5 = 5**

- (1) Write a brief note on Tweened Animation.
- (2) What is Layout ? Explain Built-in Layout classes.

3. (A) Answer any **two** : **2 × 5 = 10**
- (1) Write a note on TextView and EditText Control.
  - (2) Write a note on RatingBar and SeekBar Control.
  - (3) Write a brief note on Dialogs.
- (B) Answer any **two** : **2 × 5 = 10**
- (1) What is Resource ? Explain String resource in brief.
  - (2) Explain Integer and Color resources.
  - (3) What is Manifest File ? Explain structure of Manifest file.
4. Answer any **two** : **2 × 10 = 20**
- (1) What is Activity ? Explain activity lifecycle with example.
  - (2) What is Service ? Explain different types of services with its lifecycle.
  - (3) What is Android ? Explain versions of android with their version differences.
5. Answer any **two** : **2 × 10 = 20**
- (1) What is Canvas and Paint in android ? How we can draw different shapes in android ? Explain with proper examples.
  - (2) What is SQLite ? Write a brief note on it.
  - (3) What is network API ? How we can parse XML from the network ? Explain AsyncTask Class.
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