

Reg. No.....

Code No: SS30616E

Sub. Code: SSCS4A/SSSE4A

B.SC. (CBCS) DEGREE SPECIAL SUPPLEMENTARY EXAMINATION, APRIL 2020

FOURTH SEMESTER

COMPUTER SCIENCE/ SOFTWARE ENGINEERING

SKILL BASED SUBJECT – ANDROID PROGRAMMING

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum: 75 marks

Part – A (10 X 1 = 10 marks)

Answer all questions, choose the correct answer

1. Android is a mobile operating system that is based on a modified version of \_\_\_\_.  
(a) Linux (b) Unix  
(c) Windows (d) iOS
2. Expand API  
(a) Application Processing Interface (b) Application Program Interface  
(c) Application Processing Immediate (d) Application Program Intensity
3. \_\_\_\_ events called when the activity becomes visible to the user.  
(a) onCreate() (b) onResume()  
(c) onStart() (d) onPause()
4. The setType() method explicitly specifies the \_\_\_\_ data type to indicate the type of data.  
(a) int (b) float  
(c) char (d) MIME
5. UI means \_\_\_\_  
(a) User Interface (b) Used Interface  
(c) Use Interface (d) Useful Interface
6. A \_\_\_\_ is a widget that has an appearance on screen.  
(a) Layout (b) View  
(c) Button (d) Label
7. \_\_\_\_ is commonly used views, such as the TextView, EditText and Button views.  
(a) Picker (b) List  
(c) Basic (d) Specialized Fragments
8. Another view that is similar to the TimePicker is the \_\_\_\_.  
(a) onTimeSet (b) onClickView  
(c) setListAdapter (d) DatePicker



9. The GridView shows items in a \_\_\_\_ scrolling grid.
- |                       |                        |
|-----------------------|------------------------|
| (a) two-dimensional   | (b) single-dimensional |
| (c) multi-dimensional | (d) three-dimensional  |
10. Press Shift+F9 to \_\_\_\_ the application on the Android emulator.
- |             |           |
|-------------|-----------|
| (a) replace | (b) debug |
| (c) test    | (d) erase |

**PART B – (5 x 5 = 25 Marks)**

**Answer ALL questions, choosing either (a) or (b)**

11. (a) Examine in detail about the features of Android.  
Or  
(b) Analyze in detail about the Architecture of Android with diagram.
12. (a) Discuss in detail about Displaying a Dialog Window with example.  
Or  
(b) Write short notes on Displaying a Progress Dialog with example.
13. (a) Enumerate in detail about FrameLayout with example.  
Or  
(b) Elucidate in detail about ScrollView with example.
14. (a) Illustrate in detail about TextView View with example.  
Or  
(b) Illuminate in brief about DatePicker View with example.
15. (a) Point Out in detail about ImageView View with example.  
Or  
(b) Clear Up in detail about ImageSwitcher with example.



**PART C – (5 x 8 = 40 Marks)**

**Answer ALL questions, choosing either (a) or (b)**

16. (a) Paraphrase in detail about Android Devices in the Market.  
Or  
(b) Translate in brief about Android Studio with diagram.
17. (a) Summarize in detail about Passing Data Using an Intent Object with example.  
Or  
(b) Characterize in brief about Life Cycle of a Fragment with example.
18. (a) Illuminate in detail about Adapting to Display Orientation with example.  
Or  
(b) Paraphrase in detail about Managing Changes to Screen Orientation.
19. (a) Point out in detail about ListView View with example.  
Or  
(b) Clear up in brief about Using a DialogFragment with example.
20. (a) Elucidate in detail about GridView with example.  
Or  
(b) Enumerate in brief about Options Menu with example.