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SPECIALIZATION IN CYBER SECURITY (CS)
EXAMINATION : DECEMBER-2024/JANUARY-2025
SEMESTER - VI
Sub: Android / Current Trends in IT (CTIT)(BCA-642-18/BCA-642-20) /
Mobile Application Development (BCA-CS-642-20)

Date : 02/01/2025**Total Marks :60****Time: 10.00 am To 12.30 pm**

Instructions:

1. All questions are compulsory unless and otherwise stated.
 2. Bold figures to the right of every question are the maximum marks for that question.
 3. Candidates are advised to attempt questions in order.
 4. Answers written illegibly are likely to be marked zero.
 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
 6. Draw neat and labelled diagrams wherever necessary.
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Q.1. Fill in the blanks.**(5)**

1. In android, AVD stands for____
a) android debugging bridge
b)android debug bond
c) android debug bridge
d)android debug bridge
2. Android manifest file is written in ____
a) XML
b)Java
c) HTML
d)JavaScript
3. In android, a message can be shown to the user using ____
a) MessageBox
b)Prompt
c) Input box
d)Toast
4. In android, ____is a building block of user Interface.
a) View
b)Emulator
c) View Group
d)Simulator
5. In res folder ____ file/s are present.
a) drawable
b)values
c) mipmap
d) All of the above

Q.2. State True/False.**(5)**

1. In android, user interface files (UI) are stored in mipmap folder.
2. Gradle is used to define settings for entire project.
3. OHA stands for Open Handset Alliance.
4. Content providers are used to navigate from one activity to another.
5. SQLite is opensource database.

Q.3. Answer the following. (Solve any 5) (10)

1. What is android emulator?
2. What is a service in Android?
3. Write down any 2 features of android.
4. Which languages are used to build android application using android studio?
5. What do you mean by wrapcontent & match Parent?
6. What is DVM and state role of the DVM?

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. What is adapter? Write down the syntax to create arrayadapter.
2. What is View and View Group? List any 3 layouts available in android.
3. Explain different components in android.
4. Explain various types of Android UI Controls.
5. What is a service? Explain its types.
6. What are the contents of res folder.
7. Write down java program to add country names, accept it from user into spinner.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Explain android architecture with diagram.
 2. Draw a neat diagram of Life cycle of activity and explain in detail.
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