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| --- | --- | --- |
| **1.** | **Create the standard calculator application in android** | **30** |
| **2.** | **Create an android application for the following menu items ,the appropriate toast should appear by clicking on the item :**   * **Settings** * **Search** * **Compose Email** * **FeedBack**   **(make Compose Email item disabled )** | **10** |
| **3.** | **Viva** | **5** |
| **4.** | **Journal** | **5** |

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| **1.** | **Create an android application to pass the data from current application to another**  **application using intent.** | **20** |
| **2.** | **Create an android application to display Alert Dialog on pressing the Back**  **button.** | **20** |
| **3.** | **Viva** | **5** |
| **4.** | **Journal** | **5** |

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| **1.** | **Create an android application to pass the data from one activity to another activity**  **in the same application using intent.** | **10** |
| **2.** | **Create an android application to generate two notifications, one notification will**  **be non-clickable and another is clickable (it will reload the current application)** | **30** |
| **3.** | **Viva** | **5** |
| **4.** | **Journal** | **5** |

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| 1. | Create the background service android application to play the ringtone/music. | **20** |
| 2. | Create an android application which automatically notify the user when Aeroplane mode is turned on or off using broadcast receiver. | **20** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

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| 1. | Create the background service android application to play the ringtone/music.  And  Create an asynchronous android application to download the image from internet  and display the image in the image view. | **40** |
| 2. | Viva | **5** |
| 3. | Journal | **5** |

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| 1. | Design the Telephone API in android to make a call. The application should  import all the contacts from contact list of the user. | **40** |
| 2. | Viva | **5** |
| 3. | Journal | **5** |

**KET’s V. G. Vaze College of Arts, Science and Commerce, Autonomous**

**T.Y.B.Sc. INFORMATION TECHNOLOGY (Semester VI)**

**(Practical Examination) SECOND HALF 2022**

**ADVANCED MOBILE PROGRAMMING**

**Seat No: \_\_\_\_\_\_\_**

**Max. Marks: 50**

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| --- | --- | --- |
| **1.** | **Create an android application, with one button and image view also set the**  **background image in the application ,the image should be changed on each click of the button (Use two images of flowers only).** | **40** |
| **2.** | **Viva** | **5** |
| **3.** | **Journal** | **5** |

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| --- | --- | --- |
| 1. | Create an asynchronous android application to download the image from internet  and display the image in the image view. | **10** |
| 2. | Create an android application to demonstrate the following event listeners on the following widgets  Button: on click listener, long click listener  Image: Touch listener with these motion events =>Action up, action down and action pointer down  Edit Text : key listener on Enter key  C:\Users\Admin\Desktop\Screenshot_1553666530.pngThe Appropriate message should be displayed in text view. | **30** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

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| --- | --- | --- |
| 1. | Create an asynchronous android application to download the image from internet  and display the image in the image view. | **20** |
| 2. | Create an android application using linear layout and insert 10 games in the list  view and display the selected game in the text view. | **20** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

**KET’s V. G. Vaze College of Arts, Science and Commerce, Autonomous**

**T.Y.B.Sc. INFORMATION TECHNOLOGY (Semester VI)**

**(Practical Examination) SECOND HALF 2022**

**ADVANCED MOBILE PROGRAMMING**

**Seat No: \_\_\_\_\_**

**Max. Marks: 50**

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| --- | --- | --- |
| 1. | Insert the new contents in the following resources and demonstrate their uses in the android application  Android Resources: (Color, Theme, String, Drawable, Dimension, Image) | **20** |
| 2. | Create an android application using grid view layout and insert 6 images of  different animals as the items and toast the animal name by clicking the image. | **20** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

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| --- | --- | --- |
| 1. | Create the media API in android to play an audio file with seekbar. | **25** |
| 2. | Create an android application, with one button and image view also set the  background image in the application ,the image should be changed on each click of the button (Use two images only). | **15** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

**KET’s V. G. Vaze College of Arts, Science and Commerce, Autonomous**

**T.Y.B.Sc. INFORMATION TECHNOLOGY (Semester VI)**

**(Practical Examination) SECOND HALF 2022**

**ADVANCED MOBILE PROGRAMMING**

**Seat No: \_\_\_\_\_\_\_**

**Max. Marks: 50**

|  |  |  |
| --- | --- | --- |
| **1.** | **Create an android application, with one button and image view also set the**  **background image in the application ,the image should be changed on each click of the button (Use two images only).** | **40** |
| **2.** | **Viva** | **5** |
| **3.** | **Journal** | **5** |

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| --- | --- | --- |
| 1. | Create the standard calculator application in android using Grid Layout with following design  C:\Users\Admin\Desktop\Screenshot_1554446925.png | **40** |
| 2. | Viva | **5** |
| 3. | Journal | **5** |

**KET’s V. G. Vaze College of Arts, Science and Commerce, Autonomous**

**T.Y.B.Sc. INFORMATION TECHNOLOGY (Semester VI)**

**(Practical Examination) SECOND HALF 2022**

**ADVANCED MOBILE PROGRAMMING**

**Seat No: \_\_\_\_\_\_\_**

**Max. Marks: 50**

|  |  |  |
| --- | --- | --- |
| **1.** | **Create an android application, with one button and image view also set the**  **background image in the application ,the image should be changed on each click of the button (Use two images birds only).** | **40** |
| **2.** | **Viva** | **5** |
| **3.** | **Journal** | **5** |

|  |  |  |
| --- | --- | --- |
| 1. | Create an android application with customised appbar. Insert search and file buttons in it and toast the appropriate message on clicking the buttons (add new  color in color.xml and use that color for appbar). | **20** |
| 2. | Create an android application to pay income tax using interactive GUI.The following information must be taken as the input with the final output displaying tax to be paid:  Financial Year:  Assessment Year:  Name of the individual :  Age:  Gender:  Income for the Financial Year all sources:  Total Income to be considered Exempted from IT:  On click of a calculate button, the income tax to be paid must be displayed in a report format. | **20** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

|  |  |  |
| --- | --- | --- |
| 1. | Design the Telephone API in android to make a call. The application should  import all the contacts from contact list of the user. | **40** |
| 2. | Viva | **5** |
| 3. | Journal | **5** |

|  |  |  |
| --- | --- | --- |
| 1. | Create an android application with two Fragments and load them on the click of [Button](https://abhiandroid.com/ui/button/)’s. Display two Button’s and a [FrameLayout](https://abhiandroid.com/ui/framelayout/) in our Activity and perform setOnClickListener event on both Button’s. On the click of First Button replace the First Fragment and on click of Second Button we replace the Second Fragment with the layout([FrameLayout](https://abhiandroid.com/ui/framelayout/)). In the both Fragment’s display a [TextView](https://abhiandroid.com/ui/textview/) and a Button and onclick of Button we display the name of the Fragment with the help of Toast. | **25** |
| 2. | Create the Telephone API in android application to make a call in predefined contact number (the contact number is inserted through the code, do not import  the contact form user’s contact list) | **15** |
| 3. | Viva | **5** |
| 4. | Journal | **5** |

|  |  |  |
| --- | --- | --- |
| 1. | Create an asynchronous android application to download the image from internet  and display the image in the image view.  Create the Telephone API in android application to make a call in predefined contact number (the contact number is inserted through the code, do not import  the contact form user’s contact list) | **40** |
| 2. | Viva | **5** |
| 3. | Journal | **5** |