PART A - Android Programming

1. Write a program to Toast Hello World

2. Write a program to add two numbers

3. Write a program to display date and time using dialog box

4. Write a program to Display an alert box with OK and Cancel

5. Write a Program to create menu with three menu items

6. Write a Program to Select gender using radio button

7. Write a Program to Spin the four items

8. Write a Program to display Stop watch

9. Write a Program to check the items listed

10. Write a Program to Select current system time using date time picker

11. Write a Program to display contacts using Grid View Control

12. Write a Program to Display images from local drive of the computer

13. Write a Program to Display the items in a list

14. Write a program to fetch data from an EditText and display it in a TextView

15. Write a program to display multiplication table of a given number

16. Write a program to Get IP Address of the device

17. Write a program to Change the Background colour of the Activity

18. Write a program to Change the Background image

19. Write a program using array adapter

20. Write a program to start another activity from your own activity using intent

21. Write a program for Log in Using username and password)

PART B – SHELL Programming

1. Write a shell script to find area of a circle

2. Write a shell script to find given number is even or odd

3. Write a shell script to make a menu driven calculator using case

4. Write a shell script to find the greatest of three numbers

5. Write a shell script to compute mean and standard deviation of three numbers

6. Write a shell script to find sum of all digits from a given number

7. Write a shell script to find reverse of a number

8. Write a shell script to find prime numbers up to a given number

9. Write a shell script to find n Fibonacci numbers

10. Write a shell script to check whether a given number is Armstrong or not

11. Write a shell script to reverse a string and check whether a given string is palindrome or not

12. Write a shell script to count no of line, words and characters of a input file

13. Write a shell script to convert all the contents into the uppercase in a particular file in Unix

14. Write a shell script to find the value of one number raised to the power of another. Two numbers are entered through the keyboard.

15. Write a shell script find the factorial of a given number

16. An employee Basic Pay is input through keyboard where DA is 40% of basic pay and HRA is 20% of basic pay. Write a shell script to calculate gross salary, Gross Salary =Basic Pay + DA + HRA

17. Write a shell script to find the average of the numbers entered as command line arguments

18. Write a shell script which whenever gets executed displays the message Good Morning/Good   afternoon /Good Evening depending on the time it gets executed

19. Write a shell script to Display Banner, calendar of given year

20. Write a shell script to display current date and time, number of users, terminal name, login date and time

21. Write a shell script which uses all the file test operators

22. Write a shell script to copy the contents of file to another. Input file names through command line. The copy should not be allowed if second file exists.

23. Write a shell script to find number of vowels, consonants, numbers in a given string.

24. Write a shell script to perform operations like display, list, make directory and copy, rename, delete

25. Write a shell script to compare two files and remove one of them if they are same