1390

B.Sc. (H) ELECTRONICS / II Sem.   A

Paper— ELHP – 205

(Electronics Practical – III)

(Admissions of 2010 and onwards)

Time : 1 hour   *Maximum Marks* : 25

(Write your Roll No. on the top immediately on receipt of this question paper.)

All questions are compulsory.

Calculators are not allowed.

1. What task do following shortcut keys perform?

    (*a*) Ctrl+x

    (*b*) Ctrl+c

    (*c*) Ctrl+s

    (*d*) Ctrl+v   2

2. What do you understand by open source application? Give an example.   3

3. What are macros?   2

P. T. O.

4. What is the difference between 'save' and 'save as' options for saving the file?   2

5. Enumerate the steps needed to insert a figure from file in a text document.   2

6. What is 'mail merge'?   2

7. Write a matlab/scilab script using while loop to display all the even numbers between 1 to 50.   2

In Question Nos. 8 to 12 give the statement/s in matlab/scilab which can perform given tasks.

8. Put a title 'Sine' and label "x-axis" and "y-axis".   2

9. Create a vector starting from 1 to 10 with increment of 1.   2

10. Plot sin (x) versus x.   2

11. Create a 3×3 matrix with all elements set to zero.   2

12. Write a matlab/scilab script to evaluate and plot following function for x (x varies from -1 to 1 with step size of $0\cdot1$):

$$f(x)=\begin{cases} x^2-\cos x & x\le\theta \\ \sin x & x>\theta \end{cases}$$

2