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| Seat No. | |
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S.Y.B.Sc. (Computer Science) (Semester – I) Examination, 2013
ELECTRONICS (Paper – I)
ELC – 211 : Microprocessor Architecture and Programming
(2008 Pattern)

Time : 2 Hours

Max. Marks : 40

- Instructions :** 1) *All questions are compulsory.*
 2) *Figures to the right indicate full marks.*
 3) *Neat diagram must be drawn whenever necessary.*

1. Answer the following questions in **one** or **two** sentences : (10×1=10)
- a) In memory stack where is the stack pointer initialised ?
 - b) Which memories can be directly accessed by the CPU ?
 - c) Why two floating point instructions are not possible at the same time ?
 - d) What will be the result of XOR CX, CX ?
 - e) What is a device driver ?
 - f) Give the location and size of IVT.
 - g) State any two advantages of a flow chart.
 - h) Identify the type of instruction for the following :
 - i) DAA
 - ii) CMC
 - i) What will be the contents of AL & BL register after executing the following ?
 MOV AL, 62 H
 MOV BL, AL
 SHR AL, 4
 AND BL, 0FH
 - j) If AH = 08 H and INT 21 H is executed, what is the processor going to do ?

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