

Total No. of printed pages = 4

Co-301/CA/3rd Sem/M/2013

COMPUTER APPLICATION

Full Marks – 70

Pass Marks – 28

Time – Three hours

The figures in the margin indicate full marks for the questions.

Answer question No.1 and any *four* from the rest.

1. (a) Fill up the gaps by selecting the correct word.

1×5=5

(i) ROM is a ——— memory.

(volatile / non-volatile)

(ii) RAM is a ——— memory.

(primary / secondary)

(iii) Edit is an ——— DOS command.

(internal / external)

[Turn over

(iv) 2's complement is a _____ number representation. (negative / binary)

(v) Excel worksheet has _____ rows.
(256 / 65536)

(b) State true or false : $1 \times 5 = 5$

(i) Main memory is a peripheral device.

(ii) Internet Explorer is a web server.

(iii) Google.com is a web browser.

(iv) Digitizer is an input device.

(v) Bar code reader is output device.

2. Explain the following terms : $3 \times 5 = 15$

(a) Interpreter

(b) Control unit

(c) ROM

(d) Internal DOS command

(e) Booting.

3. (a) What is operating system ? 3
- (b) Explain in brief about (i) DOS operating system and (ii) Unix operating system. $3 \times 2 = 6$
- (c) Explain the first and third generation computer. $3 \times 2 = 6$
4. (a) What is radix of a number system ? 3
- (b) Convert : $3 \times 4 = 12$
- (i) $10110101_{(2)}$ to decimal
- (ii) $1011011_{(2)}$ to hexadecimal
- (iii) $36D_{(16)}$ to octal
- (iv) $46936_{(10)}$ to binary.
5. (a) What are the differences between LAN and WAN ? $2+2=4$
- (b) What are network topologies ? Name them with diagram. $2+5=7$
- (c) What is Internet and Search engine ? $2+2=4$

6. (a) Explain the following DOS commands : 3×3=9
- (i) ATTRIB
 - (ii) FORMAT
 - (iii) TYPE
- (b) Explain two Unix commands to create a file and to display the files. 3×2=6
7. Write short notes on any *three* : 5×3=15
- (a) Mail merge
 - (b) Excel worksheet
 - (c) Keyboard
 - (d) Dot Matrix printer.