

Total No. of printed pages = 6

RETEST EXAMINATION - 2019

Semester : 3rd (Old)

Subject Code : Co-301

COMPUTER APPLICATION

Full Marks - 70

Time - Three hours

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

Instructions :

1. Questions on PART - A are compulsory.
2. Answer any *five* questions from PART - B.

PART - A

Marks - 25

1. Fill in the blanks : 1×10=10
 - (a) Hard disk is an example of _____ memory.
 - (b) Primary function of _____ is to execute program.
 - (c) Binary equivalent of 13 is _____.

[Turn over

- (d) _____ is used to measure computer memory which is equivalent to 8 bit.
- (e) An interpreter is a _____ program as compared to the compiler.
- (f) MICR is one type of _____.
- (g) The command _____ can be used to transfer files from one directory to another.
- (h) The _____ allows you to easily recover deleted files and folders in windows.
- (i) The shortcut key to center text is _____.
- (j) LAN covers a limited geographical area, typically within _____ km.
2. Write true or false : $1 \times 10 = 10$
- (a) RAM Is non-volatile.
- (b) The full form of HTML is Hyper Text Markup Language.
- (c) A compiler converts high level language program to assembly language.

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- (d) IC was used in 2nd generation of computers.
- (e) The most powerful computers are called servers.
- (f) The common bus type LAN is also known as MAN.
- (g) A client is a computer which gives information to other computers in Internet.
- (h) Routers control and direct network traffic.
- (i) The Cat > command is used to create a file in LINUX.
- (j) The tree command is an external command in DOS.
3. Choose the correct answer : $1 \times 5 = 5$
- (a) Spelling check is done by the function key
- (i) F1 (ii) F2
- (iii) F9 (iv) F7

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(b) The Text or graphics which is printed at the top and bottom of every page in a document is called

- (i) Header
- (ii) Footer
- (iii) Both Header and Footer
- (iv) None of the Above

(c) Arial is a

- (i) Print Style
- (ii) Font
- (iii) Orientation
- (iv) None of the Above

(d) The 2's complement of $(100)_2$ is

- (i) 011
- (ii) 100
- (iii) 101
- (iv) 110

(e) The software used to access the web

- (i) Web Browser
- (ii) Search Engine
- (iii) Website
- (iv) Web Pages

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(4)

400(W)



PART - B

Marks - 45

4. Define computer. Classify different types of modern computers and describe each type.

2+7=9

5. Differentiate between :

3×3=9

(a) Compiler and Interpreter

(b) RAM and ROM

(c) Web Browser and Search Engine

6. (a) What is transmission media? Discuss the various transmission media.

6

(b) Describe Ring topology with appropriate diagram.

3

7. (a) Describe the various functions performed by the operating system.

5

(b) Write four commands in LINUX and its uses.

4

8. (a) What are the differences between Mail Merge and Email?

3

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(5)

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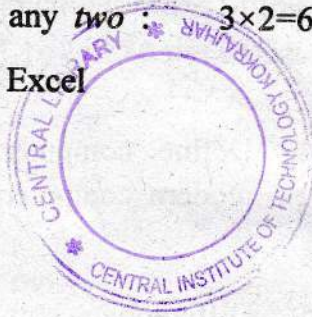
(b) Write short notes on any *two* : $3 \times 2 = 6$

(i) Functions in MS Excel

(ii) HUB

(iii) Scanner

(iv) WAN



9. (a) Subtract 101011 from 111001 (using 2's complement method). 2
- (b) Convert $(125.5)_{10}$ to Binary. 2
- (c) Convert $(266.5)_{10}$ to Octal. 2
- (d) Convert $(2019.9)_{10}$ to BCD. 2
- (e) Convert 10111001 to Hexadecimal. 1