

**RETEST EXAMINATION 2021****3<sup>RD</sup> SEM(OLD)****CO-301****Computer Application(OLD)****Total Time : 3 hours****Total Marks: 70 ::: Pass Marks: 28****Section-A****(Total marks: 25; Answer all questions)****Q1. Fill up the blank:****10x1=10**

- a) Two types of RAM are SRAM and \_\_\_\_\_.
- b) ISP stands for Internet Service \_\_\_\_\_.
- c) Hexadecimal number  $F_{(16)}$  in binary is \_\_\_\_\_.
- d) MAN stands for \_\_\_\_\_ Area Network.
- e) Numbers of symbols available in Octal number system is \_\_\_\_\_
- f) BCD stands for \_\_\_\_\_ coded decimal.
- g) \_\_\_\_\_ is example of one of the single user OS.
- h) \_\_\_\_\_ command can display the contents of a text file in MS-DOS.
- i) \_\_\_\_\_ stands for modulator and demodulator.
- j) To display the list of files we can use \_\_\_\_\_ command of MS-DOS.

**Q2. Say true or False.****10x1=10**

- a) 1 GB is equivalent to: 1024 x 1024 x 1024 KB.
- b) Printer can be of two types- impact and non-impact.
- c) Light is used as a signal for carrying data in OFC.
- d) A web site may have several home-pages.
- e) Compiler is a translator program that can translate the source program on line by line basis.
- f) We can hide a file by using Attrib command of MS-DOS.
- g) ftp stand for functional transfer protocol.
- h) Once we program a PROM, it turned into ROM.

- i) Transistor technology came into existence in 3<sup>rd</sup> generation.
- j) Booting means to load the operating system into main memory.

Q3. Choose the correct answer:

5x1=5

- i) Type of MOVE command of MS-DOS is:
  - a) Internal                      b) External                      c) None of these
- ii) Which of the following is not an input device:
  - a) OMR   b) Scanner              c) Plotter                      d) Light-pen
- iii) Radix of a number system stands for:
  - a) base   b) number of symbol    c) Both   d) None
- iv) Which of following is not a considered as hardware:
  - a) Operating system    b) CPU   c) Hard Disk              d) Keyboard
- v) Which of the following is an input device
  - a) DMP   b) DVU   c) Laser printer    d) OCR



**Section – B**

**(Total marks: 45; Answer any 5 questions )**

- Q5. a) Draw a computer block diagram and locate different components in it.                      4
- b) What are the advantages and dis-advantages of STAR topology.                              3
- c) Highlight two main features of 1<sup>st</sup> generation computer.                                      2
  
- Q6. a) Convert the following numbers as directed:    2x3=6
  - i) 10110110.11<sub>(2)</sub> to decimal
  - ii) 821<sub>(16)</sub> to binary
  - iii) 23.63<sub>(10)</sub> to binary
- b) Define 2's complement? What is the 2's complement of 11010010<sub>(2)</sub>                              2+1=3
  
- Q7. a) Define the terms:    2x3=6
  - i) Switch   ii) Router   iii) NIC card.
- b) Describe i) cell and ii) cell pointer related to spreadsheet?                                      1.5x2=3
  
- Q8. a) Write down the list of different network topologies of LAN along with a diagram for each (any 4).    1.5x4=6

b) Define Internet and WWW.

1.5x2=3

Q9. a) Write a note on different generations of computer languages you know.

6

b) What is the process of creating report in MS-Access?

3

Q10. Write Short note on –(*any three*)

3x3=9

a) Functions of OS.

b) Mail Merge

c) Custom animation

d) Addressing of spreadsheet



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