

**101/JJ**

**003-007105**

**M.C.A. Sem.-I Examination  
January-2014  
CCA1005 : PC Software**

**Faculty Code : 003  
Subject Code : 007105**

**Time : 2½ Hours]**

**[Total Marks : 70**

1. Answer the following multiple choice questions : 15
- (1) How can you insert a sound file in your word document ?
- (a) From Insert → Object Menu option
  - (b) From Insert → Sound Menu option
  - (c) From Insert → File Menu option
  - (d) By right clicking the document and choosing 'Add Sound' option
- (2) \_\_\_\_\_ Computers are largest, fastest, most powerful & expensive and also used in Weather forecasting.
- (a) Mainframe Computer
  - (b) Supercomputer
  - (c) Workstation
  - (d) None of these
- (3) VLSI stands for
- (a) Very Large Scale Internet
  - (b) Very Large Scale Information
  - (c) Very Large Scale Integration
  - (d) None of these

- (4) In Indentation Options \_\_\_\_\_ Controls the left boundary of every line in a paragraph except the first one.
- (a) Alignment
  - (b) Hanging
  - (c) Left
  - (d) None of these
- (5) Full form of DVD
- (a) Digital Video Disk
  - (b) Digital Versatile Disk
  - (c) (a) and (b) both
  - (d) None of these
- (6) \_\_\_\_\_ are input device that allow a person to input data to a computer system by speaking to it.
- (a) Vision input system
  - (b) Speech recognition device
  - (c) Cannot say
  - (d) None of these
- (7) Word Processing Software is example of
- (a) System Software
  - (b) Application Software
  - (c) Cannot say
  - (d) None of these
- (8) Which scanner scan a document, the scanner is dragged slowly over it from its one end to other end with its light on \_\_\_\_\_.
- (a) Flatbed scanner
  - (b) Handheld Scanner
  - (c) Cannot say
  - (d) None of these
- (9) Full form of MIRC
- (a) Magnetic Ink Character Recognition
  - (b) Magnetic Ink Code Recognition
  - (c) Magnetic Ink Code Reader
  - (d) None of these

- (10) Non impact printer
- (a) Laser Printer
  - (b) Inkjet Printer
  - (c) (a) and (b) both
  - (d) None of these
- (11) To Login in System, which type of security is used \_\_\_\_\_.
- (a) Authentication
  - (b) Authorization
  - (c) (a) and (b) both
  - (d) None of these
- (12) Volatile memory is \_\_\_\_\_.
- (a) RAM
  - (b) ROM
  - (c) Cannot say
  - (d) None of these
- (13) Flash memory is also known as \_\_\_\_\_.
- (a) PROM
  - (b) ROM
  - (c) EPROM
  - (d) EEPROM
- (14) Full form of VPN
- (a) Vide Protocol Network
  - (b) Virtual Private Network
  - (c) Virtual Protocol Network
  - (d) None of these
- (15) Floppies are also known as
- (a) Diskettes
  - (b) Disk
  - (c) Cannot say
  - (d) None of these

2. Attempt any **five** of the following : 15
- (1) Explain characteristics of computer.
  - (2) Explain Clock speed and cache play role in computer performance.
  - (3) Write short note on Touch Screen.
  - (4) How we can measure the computer memory.
  - (5) Explain Fourth Generation Computer in detail.
  - (6) Explain CADD in detail.
3. Attempt any **three** of the following : 15
- (1) Explain Main Merge facility provided by Microsoft Word.
  - (2) List out the text function available in Microsoft Excel and explain any three in detail with suitable example.
  - (3) Write a short note on Printer and explain any two types of printer with its working mechanism.
  - (4) Explain Magnetic Disk and Magnetic tape in detail.
4. Attempt any **two** of the following : 15
- (1) List out different Input Devices and explain any three in detail.
  - (2) Explain Operating system and List out all types of Operating System and explain any two in detail.
  - (3) Explain Assembly language and high level language in detail.
5. Attempt any **one** of the following : 10
- (1) Explain Memory and List out and explain different types of memory.
  - (2) Explain Character Code and List out and explain different types of Character Codes.



003-007105

M. C. A. (Sem. I) (CBCS) Examination

January - 2012

MCA - 1005 : PC Software

(New Course)

Faculty Code : 003

Subject Code : 007105

Time : 3 Hours]

[Total Marks : 70

Q-1. Answer the Following Multiple Choice Questions : [15]

1. Vacuum tube based electronic computers belongs to \_\_\_\_\_.
  - A. First Generation
  - B. Second Generation
  - C. Third Generation
  - D. None of these
2. In Magnetic disk, each track is subdivided in to \_\_\_\_\_.
  - A. Lines
  - B. Points
  - C. A and B both
  - D. None of these
3. Virtual memory provides:
  - A. Automatic storage allocation
  - B. protection
  - C. shareability
  - D. All of the above
4. DAT is example of \_\_\_\_\_.
  - A. magnetic tape
  - B. magnetic disk
  - C. optical disk
  - D. none of these
5. EEPROM stands from \_\_\_\_\_.
  - A. Electrically Erasable programmable read only memory
  - B. Electronic Erasable programmable read only memory
  - C. Electric Erasable programmable read only memory
  - D. none of these
6. Touch Screen is \_\_\_\_\_ device.
  - A. input
  - B. output
  - C. a and b both
  - D. none of these
7. 3.5" floppy disk capacity of storage is \_\_\_\_\_.
  - A. 1.2MB
  - B. 1.44MB
  - C. 2.0MB
  - D. 1.22MB
8. What are the basic concepts of virtual memory?
  - A. on-line secondary storage
  - B. swapping
  - C. a and b both
  - D. a only

9. What are the two essential parts of the computer?
- A. Keyboard and mouse
  - B. hardware and software
  - C. printer and screen
  - D. none of the above
10. The \_\_\_\_\_ generation of computers was characterized by microcomputers.
- A. First
  - B. Second
  - C. Third
  - D. Fourth
11. A parity bit is \_\_\_\_\_.
- A. adds in first
  - B. adds in last
  - C. a and b both
  - D. none of these
12. Designers of cache memory consider following points:
- A. Cache size
  - B. cache line size
  - C. a and b both
  - D. none of these
13. Arithmetic operations held by which unit?
- A. ALU
  - B. Math-coprocessor
  - C. a and b both
  - D. none of these
14. Zip disks are inexpensive then floppy disks.
- A. true
  - B. false
  - C. cant'say
  - D. none of these
15. Unicode in computer codes, have prefix is \_\_\_\_\_.
- A. "U"
  - B. "-U"
  - C. "+u"
  - D. none of these

Q-2. Attempt any Five of the Following:

[15]

1. Explain RAM with its functions
2. Write various functions of OS
3. Explain machine code
4. What is the function of page setup in Ms World
5. Explain sheet and cell
6. Explain scanner with it uses

- Q-3. Attempt any Three of the Following: [15]
1. What is computer performance? Explain different points of computer performance
  2. What is software? Explain its types in brief.
  3. Explain following terms:
    - A) Multitasking operating system
    - B) Virtual memory
  4. difference between supercomputer and mainframe computer

- Q-4. Attempt any Two of the Following: [15]
1. Explain different types of memory
  2. Explain various types of printers with use functions
  3. Write a detail note on touch screen devices

- Q-5. Attempt any One of the Following: [10]
1. Differentiate ASCII code the Unicode
  2. Write a note on Computer aided designing and drafting (CADD)

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003-007105 / B-175 Seat No. \_\_\_\_\_

**M. C. A. (CBCS) (Sem. I) Examination**

November / December - 2010

**MCA-1005 : PC Software**

*(New Course)*

**Faculty Code : 003**

**Subject Code : 007105**

Time : 3 Hours]

[Total Marks : 70

1 Answer the following Multiple Choice questions : 15

(1) Bios stands for

- (A) Basic Input output system
- (B) Basic input-outcore system
- (C) Basic input-outprint system
- (D) None of these

(2) RAM stands for

- (A) Random Access Memory
- (B) Read only Memory
- (C) (A) and (B) both
- (D) None of these

(3) Which one is not input. device ?

- (A) Monitor
- (B) Printer
- (C) Keyboard
- (D) (A) and (B) Both

(4) Which one is external storage device ?

- (A) Hard disk
- (B) RAM
- (C) ROM
- (D) None of these



- (5) Which one is system software ?
- (A) Operating system
  - (B) Payroll system
  - (C) C compiler
  - (D) (A) and (C) both
- (6) ASCII stands for
- (A) Asia code for information interchange
  - (B) American standard code for information interchange
  - (C) American serial code for information interchange
  - (D) None of these
- (7) RTOS stands for
- (A) Run-time Operating System
  - (B) Real time Operating system
  - (C) Run-time operating software
  - (D) None of these
- (8) Which are not types of RAM ?
- (A) ERAM
  - (B) DRAM
  - (C) SRAM
  - (D) None of these
- (9) Which are not types of printers ?
- (A) MICR
  - (B) OCR
  - (C) Drum
  - (D) (A) and (B) both
- (10) Which are the parts of CPU ?
- (A) Memory Unit
  - (B) Control Unit
  - (C) ALU
  - (D) All of these

- (11) CAD stands for
- (A) Computer Aided Design
  - (B) Computer Aided Data
  - (C) Computer Aided Data structure
  - (D) All of these
- (12) MATLAB stands for
- (A) Matrix lab view
  - (B) Matrix laboratory program
  - (C) None of these
  - (D) (A) and (B)
- (13) Which one is correct sequence ?
- (A) Byte, bit, kilobyte
  - (B) Bit, byte, kilobyte
  - (C) (A) and (B)
  - (D) None of these
- (14) Which one is utility of application software ?
- (A) UNIX
  - (B) Microsoft Power Point
  - (C) (A) and (B)
  - (D) None of these
- (15) Which utility of application software is used for computing statistical data ?
- (A) EXCEL
  - (B) Powerpoint
  - (C) (A) and (B)
  - (D) None of these

- 2 Attempt any **five** of the following : 15
- (1) What is Computer ? Explain Arithmetic and logical unit.
  - (2) Write a short note on : Mouse
  - (3) Write a short note on : Keyboard
  - (4) What is CDROM ? Explain it.
  - (5) Differentiate RAM V/s. ROM
  - (6) Differentiate Application V/s. System Software
- 3 Attempt any **three** of the following : 15
- (1) Explain the working of VDU in brief.
  - (2) What is Printer ? Explain different types of Printers in brief.
  - (3) Explain magnetic disk and magnetic tape.
  - (4) Explain characteristics of Computer and generation of computer.
- 4 Attempt any **two** of the following : 15
- (1) Explain the advantages and disadvantages of digital computer and explain applications of digital computer in various fields.
  - (2) Applications of MATLAB in brief.
  - (3) What is RTOS ? Explain in brief.
- 5 Attempt any **one** of the following : 10
- (1) Explain the block diagram of digital computer with its process diagram.
  - (2) What is Software ? Explain different types of software and compare application software V/s. system software.