



Roll No. _____ To be filled in by the candidate

Paper Code	2	8	3	1
------------	---	---	---	---

Sessions; 2015-2017

Computer Science (Objective Type)

Time: 20 Minutes

Marks: 15

NOTE: Write answers to the questions on objective answer sheet provided. Four possible answers A,B,C & D to each question are given. Which answer you consider correct, fill the corresponding circle A,B,C or D given in front of each question with Marker or pen ink on the answer sheet provided.

- 1.1. Which of the following is not an input device?
(A) Keyboard (B) Speaker (C) Mouse (D) Microphone
2. Testing all programs together is called:
(A) Volume testing (B) Program testing (C) System testing (D) Composite testing
3. The set of rules to exchange data in a communication network is called:
(A) Gateway (B) Procedure (C) Protocol (D) Token
4. Many networks include a central computer that may be called:
(A) Server (B) Bridge (C) Gateways (D) Client
5. A television broadcast is an example of:
(A) Full duplex (B) Half duplex (C) Simplex (D) mid duplex
6. How many characters ASCII 7 bits code can represent:
(A) 16 (B) 32 (C) 64 (D) 128
7. Computer based weather forecasting depends on accurate collection of data from:
(A) Radar (B) Weather stations (C) Antenna (D) Television
8. Program's Syntax errors are detected by:
(A) Compiler (B) Linker (C) Loader (D) Debugger
9. The term that refers to all input, output and secondary storage devices is called:
(A) Central unit (B) Network point (C) Peripheral (D) internal memory
10. Which one is not a virus:
(A) Trojan Horse (B) Logic bomb (C) Macfee (D) Redlof
11. A right of person to keep his personal information away from the unauthorized access is called?
(A) Piracy (B) Privacy (C) Personal issue (D) Assets
12. Pressing and releasing the left mouse button quickly is called:
(A) Clicking (B) Dropping (C) Pointing (D) Dragging
13. The insertion point in a document is called:
(A) Mouse (B) End marks (C) Cursor (D) Eraser
14. The function in MS-Excel is used to get the smallest value is called:
(A) MAX (B) MIN (C) Minimum (D) Smallest
15. Internet differentiates one computer from another by:
(A) Architecture (B) Manufacturer (C) IP address (D) Brand Name

Roll No. _____ To be filled in by the candidate

Inter -(Part-I)-A-2016

Subject Code	2	8	3
--------------	---	---	---

Sessions;2015-2017

Computer Science (Essay Type)

Time: 2:10 Hours

Marks: 60

Section -I

2. Write short answers of any six parts from the following.

2 x 6 =12

- | | |
|--|---|
| i. What is gas plasma display? | ii. Define smart card. |
| iii. What do you mean by implementation? | iv. Write two advantages of computer network. |
| v. Give two uses of Email. | vi. Define intranet. |
| vii. Write two names of unbounded media. | viii. Describe broad band. |
| ix. What is fiber optic? | |

3. Write short answers of any six parts from the following.

2 x 6 =12

- | | |
|--|---|
| i. How computer is useful in marketing? | ii. What is Robot?Write its one use in Industry. |
| iii. Write down the function of memory Address Register. | iv. Describe three address instruction format. |
| v. Describe DMA with respect to I/O unit. | vi. What do you mean by I/O read and I/O command? |
| vii. List names of two biometrics methods. | viii. How pirated softwares spread viruses? |
| ix. What do you know about memory management function of operating system? | |

4. Write short answers of any six parts from the following.

2 x 6 =12

- | | |
|---|--|
| i. List out four objects of windows operating system. | ii. Why do a computer needs an operating system? |
| iii. State the use of clipboard in MS word. | iv. Define word processor. |
| v. Distinguish between undo and Redo commands. | vi. What is meant by cell reference? |
| vii. Differentiate between worksheet and workbook. | viii. Briefly describe web surfing. |
| ix. How would you describe internet? | |

Section -II

Note: Answer any three questions from the following.

8x3=24

- | | |
|---|----|
| 5. Define pointing device. Explain any three pointing devices in detail. | 08 |
| 6. Explain any four components of LAN. | 08 |
| 7. What is data transmission mode?Explain its three types with examples. | 08 |
| 8. Define Van Neuman design of stored program computer with the help of diagram. Also write the function of each component briefly. | 08 |
| 9. What is virus?Discuss any three causes of virus. | 08 |

860-011-A--



Roll No. _____ To be filled in by the candidate

Paper Code	6	8	3	1
------------	---	---	---	---

Sessions; 2012-2014,2013-2015&2014-2016

Computer Science (Objective Type)

Time: 20 Minutes

Marks: 17

NOTE: Write answers to the questions on objective answer sheet provided. Four possible answers A,B,C & D to each question are given. Which answer you consider correct, fill the corresponding circle A,B,C or D given in front of each question with Marker or pen ink on the answer sheet provided.

- 1.1. The electronic circuit that executes computer instructions is called:
 - (A) Monitor
 - (B) Hard disk
 - (C) CPU
 - (D) Keyboard
2. The name of screen clarity:
 - (A) Pixel
 - (B) Resolution
 - (C) Density
 - (D) Picture quality
3. Which of the following is not a category network?
 - (A) WAN
 - (B) LAN
 - (C) MAN
 - (D) NAN
4. DSL stands for:
 - (A) Direct service lease
 - (B) Domain server link
 - (C) Distant service line
 - (D) Digital subscriber line
5. Unicode is:
 - (A) 16-bit code
 - (B) 32-bit code
 - (C) 64-bit code
 - (D) 132-bit code
6. Communication between a computer and keyboard involves:
 - (A) Simplex
 - (B) Half Duplex
 - (C) Full Duplex
 - (D) All
7. Which of the following is related to business?
 - (A) Marketing
 - (B) Stock exchange
 - (C) Banks
 - (D) All
8. CBT software is used in:
 - (A) Education
 - (B) Forecasting
 - (C) Manufacturing
 - (D) None of these
9. RAM holds the data/instructions:
 - (A) Temporary
 - (B) Permanent
 - (C) HDD
 - (D) None of these
10. Which one is faster:
 - (A) RAM
 - (B) Cache
 - (C) Register
 - (D) Hard disk
11. Which memory is used to speed up the computer processing?
 - (A) ROM
 - (B) Memory Cache
 - (C) BIOS
 - (D) None
12. Types of translators are:
 - (A) Compilers
 - (B) Interpreters
 - (C) Assemblers
 - (D) All
13. Computer cannot boot if it does not have:
 - (A) Compiler
 - (B) Linker
 - (C) Interpreter
 - (D) Operating system
14. How a virus reaches from one computer to another?
 - (A) Data exchanged between computer
 - (B) Exchange of display screen
 - (C) Exchange of keyboard
 - (D) Exchange of printer
15. Trojan Horse is a/an:
 - (A) Antivirus
 - (B) Virus
 - (C) Software
 - (D) Hardware
16. Internet explorer is used to:
 - (A) Access the internet
 - (B) Explore the system resources
 - (C) Perform maintenance on the Hard Disk
 - (D) Navigate file and folders on the computer
17. A computer can be linked to the internet through:
 - (A) A phone-line modem
 - (B) DSL
 - (C) Cable Modem
 - (D) All

Roll No. _____ To be filled in by the candidate

Inter -(Part-I)-A-2016

Subject Code	6	0	8	3
--------------	---	---	---	---

Sessions;2012-2014,2013-2015&2014-2016

Computer Science (Essay Type)

Time: 3:10 Hours

Marks: 83

Section -I

2. Write short answers of any eight parts from the following.

2 x 8 =16

- | | |
|--------------------------------------|----------------------------------|
| i. Define Information. | ii. What is operating system? |
| iii. Define system software. | iv. Define dedicated server. |
| v. What is Bus Topology? | vi. What is Workgroup computing? |
| vii. Define Data Communication. | viii. What is Unicode? |
| ix. Define Analog signal. | x. Define antivirus. |
| xi. How does boot sector virus work? | xii. Write about biometrics. |

3. Write short answers of any eight parts from the following.

2 x 8 =16

- | | |
|---|--|
| i. Why does DRAM use more power? | ii. List different types of system buses. |
| iii. Distinguish between low level and high level language. | iv. State the use of serial port. |
| v. Describe Assembly language. | vi. State the purpose of execute instruction. |
| vii. Which task is performed by language processor? | viii. Give some examples of high level language. |
| ix. Describe extended partitions. | x. Give some examples of GUI operating system. |
| xi. What is a text editor? | xii. Define Status bar. |

4. Write short answers of any six parts from the following.

2 x 6 =12

- | | |
|---|--|
| i. State the purpose of ATM. | ii. How computer can be used in Marketing? |
| iii. Define desktop publishing. | iv. Describe computer based training. |
| v. What is a robot? | vi. Define cell and how is it identified? |
| vii. What do you understand by named range? | viii. What is DNS addressing? |
| ix. Describe web publishing. | |

Section -II

Note: Answer any three questions from the following.

8x3=24

- | | |
|--|----|
| 5. What is software? Explain all types of software. | 08 |
| 6. Define network model and discuss its different models. | 08 |
| 7. What is meant by communication channel? Explain any two types in detail. | 08 |
| 8. What are CPU registers? Briefly describe special purpose registers. | 08 |
| 9. What are security threats? Discuss different security threats and solutions to these threats. | 08 |

Section -III (Practical)

5x3=15

Note: Answer any three parts from the following.

- 10.A. Write a procedure to restore one item from Recycle Bin.
- B. How do you check grammar in MS-word?
- C. Write a procedure to insert your name and Roll No. in header and city name in footer.
- D. Write a procedure for wrapping text in a cell.
- E. Write a procedure to insert a function in MS-Excel.

862-011-A--