

COMPUTER SCIENCE PAPER-I (SESSION 2012-2014) TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) Another name for main memory is:-
 (A) Secondary Memory (B) Permanent Memory (C) Primary Storage (D) Tape Storage
- (2) The most familiar input device for computer is:-
 (A) Scanner (B) Keyboard (C) Graphic tablet (D) Monitor
- (3) A device used to connect similar networks is:-
 (A) Bridge (B) Gateway (C) BUS (D) Star
- (4) The Bottom layer of OSI Model is:-
 (A) Session layer (B) Presentation layer (C) Application layer (D) Physical layer
- (5) The Music and Speech represents:-
 (A) Image (B) Text (C) Numeric (D) Audio
- (6) ___ characters in ASCII 7 bit code can represent.
 (A) 128 (B) 256 (C) 512 (D) 1024
- (7) ___ is used control all parts of a manufacturing process.
 (A) ATM (B) CAD (C) CAM (D) CBT
- (8) An ATM can be used to:-
 (A) Keep records (B) Making Budgets (C) Watch Movies (D) Funds Transfer
- (9) The Brain of computer that executes the instructions is called:-
 (A) Motherboard (B) CPU (C) RAM (D) ALU
- (10) ___ component handles the processor communication with its peripheral.
 (A) Control unit (B) Bus Interconnection (C) I/O unit (D) System Unit
- (11) The ALU performs ___ operation.
 (A) Logical (B) Logging (C) Loading (D) Linking
- (12) ___ is faster.
 (A) RAM (B) ROM (C) Register (D) Hard Disk
- (13) A characteristic of ROM is that is to:-
 (A) Write (B) Re-write (C) Volatile (D) Non-volatile
- (14) Another name for Antivirus is:-
 (A) Worm (B) Vaccine (C) Trogen horse (D) DES
- (15) A virus that replicates itself is:-
 (A) Bug (B) Vaccine (C) Worm (D) Bomb
- (16) List of documents waiting to be printed on printer is called:-
 (A) Print queue (B) Print stack (C) Print list (D) Print preview
- (17) The most widely used web protocol is:-
 (A) HTML (B) HTTP:// (C) URL (D) ISP

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INTERMEDIATE PART-I (11th CLASS)
COMPUTER SCIENCE PAPER-I (SESSION 2012-2014) TIME ALLOWED: 3.10 Hours
SUBJECTIVE **MAXIMUM MARKS: 83**

NOTE: - Write same question number and its part number on answer book, as given in the question paper.

SECTION-I

Q.No.2 Attempt any eight parts.

- (i) Define Information.
- (ii) What is Trackball?
- (iii) Define Pixel.
- (iv) What is the use of Server?
- (v) What is defacto Standard?
- (vi) What is the function of Data Link Layer of OSI Model?
- (vii) Define the term Baseband.
- (viii) Write two advantages of Fiber Optics Cable.
- (ix) What is Analog Signal?
- (x) Define Software Privacy.
- (xi) What is Antivirus Software?
- (xii) How Virus is activated?

8 × 2 = 16

Q.No.3 Attempt any eight parts.

- (i) What is Memory Address?
- (ii) Describe Proframming Language.
- (iii) Write the purpose of Control Panel.
- (iv) Describe High Level Language.
- (v) Why does machine language program execute faster?
- (vi) State the purpose of Serial Port.
- (vii) What is Fetch Instruction?
- (viii) List the names of Popular Operating System.
- (ix) Distinguish between Cut and Copy in MS-Word.
- (x) Distinguish between "Save" and "Save as" in MS-Word.
- (xi) What is Spread Sheet?
- (xii) Define "Cell" in MS-Excel.

8 × 2 = 16

Q.No.4 Attempt any six parts.

- (i) What is the use of Image Processing System?
- (ii) Describe Computer Simulation.
- (iii) Define the term Video Conferencing.
- (iv) List two uses of Computer in Banks.
- (v) What is Automated Teller Machine(ATM)?
- (vi) How can you merge two cells in MS-Excel?
- (vii) Differentiate between Workbook and Worksheet in Excel.
- (viii) Name any four search engines.
- (ix) Why we use Web Browser?

6 × 2 = 12

SECTION-II

NOTE: - Attempt any three questions of the following:-

5. What is Software? Describe different categories/types of software in detail
6. Discuss different Network Models.
7. Write a note on Modem. Briefly discuss its working and features.
8. Define Language Processor. Discuss different language processors in detail.
9. How does a Computer Virus spread? Explain its three different causes.

8 × 3 = 24

2 + 3 + 3

3 + 3 + 2

2 + 3 + 3

2 + 6

2 + 2 + 2 + 2

SECTION-III

10. Attempt any three parts of the following:- (PRACTICAL PART)

5 × 3 = 15

- (A) Write down the procedure to delete a file from a drive then from Recycle Bin.
- (B) Write down the procedure to insert the Word Art in Word Document.
- (C) Write down the procedure to insert the new column and new row in a table of Word Document.
- (D) Write down the procedure for wrapping text in a cell in MS-Excel Worksheet.
- (E) Write down the procedure to find the average of five numbers using function in MS-Excel.

COMPUTER SCIENCE PAPER-I (SESSION 2015-2017) TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) _____ is hard copy output device.
(A) Printer (B) Monitor (C) LCD (D) Speaker
- (2) Testing of a program component is called:-
(A) Pilot testing (B) Isolation testing (C) System testing (D) Unit testing
- (3) _____ topology uses hub as a central device.
(A) Bus (B) Star (C) Ring (D) Mesh
- (4) Two dissimilar networks can be connected by using:-
(A) Bridge (B) Repeater (C) Hub (D) Gateway
- (5) _____ characters are represented by ASCII 8bit code.
(A) 4 (B) 128 (C) 256 (D) 65536
- (6) Music and speech are represented as:-
(A) Image (B) Audio (C) Numeric (D) Text
- (7) Buying, selling and managing services via computer networks is called:-
(A) E-commerce (B) E-shopping (C) E-payment (D) E-mail
- (8) _____ data is carried by a bus with 32 lines.
(A) 2 Bytes (B) 4 Bytes (C) 32 Bytes (D) 64 Bytes
- (9) _____ is the fastest memory device.
(A) Cache (B) RAM (C) Register (D) Main Memory
- (10) _____ is antivirus software.
(A) McAfee (B) Redlof (C) Chernobal (D) Unix
- (11) Illegal copy of a software is known as:-
(A) Pirated software (B) System software (C) Application software (D) Customized software
- (12) _____ is entry point in Windows.
(A) My Computer (B) Desktop (C) My Documents (D) Control Panel
- (13) _____ is an example of font weight.
(A) 12pt (B) Helvetica (C) Italic (D) Bold
- (14) _____ is an absolute cell reference.
(A) A1 (B) A1 \$ (C) \$ A \$1 (D) A\$ 1\$
- (15) Symbol that separates parts in an e-mail address is:-
(A) \$ (B) # (C) ^ (D) @

INTERMEDIATE PART-I (11th CLASS)**COMPUTER SCIENCE PAPER-I (SESSION 2015-2017) TIME ALLOWED: 2.10 Hours****SUBJECTIVE****MAXIMUM MARKS: 60****NOTE: - Write same question number and its part number on answer book, as given in the question paper.****SECTION-I****Q.No.2 Attempt any six parts.****6 × 2 = 12**

- (i) Name four commonly used source data entry devices.
- (ii) Define System Maintenance Phase.
- (iii) Describe relationship between Hardware and Software.
- (iv) Write two benefits of Computer Network.
- (v) Write down two differences between ISDN and DSL.
- (vi) How bridge improves network performance?
- (vii) How is data represented in Computer?
- (viii) List four features of Modem.
- (ix) Define Refraction.

Q.No.3 Attempt any six parts.**6 × 2 = 12**

- (i) What is ATM?
- (ii) What is Online Education?
- (iii) Write the use of Parallel Port.
- (iv) What is CPU?
- (v) Define cache Memory.
- (vi) Describe High Level Language.
- (vii) What is Stack?
- (viii) Define Password.
- (ix) Define Backup.

Q.No.4 Attempt any six parts.**6 × 2 = 12**

- (i) Define the term Multitasking.
- (ii) State the purpose of My Computer object in MS-Windows.
- (iii) Write two features of full-featured word processors.
- (iv) State two purposes of status bar in MS-Word.
- (v) What do you mean by Paragraph Spacing?
- (vi) State two features of Spreadsheet Software.
- (vii) Define the absolute cell referencing in MS-Excel.
- (viii) Name two addressing schemes used for identifying computers on internet.
- (ix) Differentiate between Website and Web page.

SECTION-II**NOTE: - Attempt any three questions.****3 × 8 = 24**

5. Discuss any four Mark and Recognition devices.
6. Write at least eight differences between LAN and WAN.
7. Explain four different coding schemes to represent data in computer.
8. What is RAM? Explain two different types of RAM.
9. Define Data Security Threats. Explain any four solutions to these threats.

2, 2, 2, 2

8

2, 2, 2, 2

2, 3, 3

2, 1½, 1½, 1½, 1½