ER SCIENCE PAPER-I (New Scheme)

LLOWED: 2.10   **SUBJECTIVE**   MAXIMUM MARKS: 60

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

SECTION-I

Q.No. 2   Attempt any six parts.   6 x 2 = 12

(i)   Define the term Information Technology.
(ii)   Give any two examples of Hardware Components.
(iii)   What is the purpose of Central Processing Unit (C.P.U.)?
(iv)   Write down any two benefits of Computer Network.
(v)   Differentiate between uploading and downloading.
(vi)   Write the function of Physical layer of OSI Model.
(vii)   Define Digital signal.
(viii) Differentiate between Serial Transmission and Parallel Transmission.
(ix)   How does a Modem work?

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

(i)   What is video conferencing?
(ii)   How computers can be used in Banks?
(iii)   Explain weather forecasting.
(iv)   What is the role of main memory in computer system?
(v)   Name two categories of programming languages.
(vi)   What is the concept of memory address?
(vii)   How does instruction pointer register work?
(viii) Write two activities of control unit.
(ix)   What is the role of antivirus software?

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

(i)   How Recycle Bin is useful in Windows?
(ii)   Write two uses of Start Button in Window 2000.
(iii)   How many Primary and Extended Partitions can be created on basic disk?
(iv)   Define Line and Paragraph Spacing in MS-Word.
(v)   How Macro in MS-Word is helpful for us?
(vi)   List any two advantages of Spreadsheets.
(vii)   What is active cell in MS-Excel?
(viii) Define Web Browser.
(ix)   Name two schemes used for identifying computers on networks and internet.

SECTION-II

NOTE:- Attempt any three questions of the following:-   8 x 3 = 24

5. Discuss four source data entry devices which are given below: 2+ 2 + 2 + 2 = 8
    (i)   Barcode Reader.
    (ii)   MICR.
    (iii)   Smart Card.
    (iv)   Digital Camera.

6. Define Computer Network. Discuss different types of network models.   2+ 2 + 2 + 2 = 8

7. Define data communication. Explain basic components of   2+1+1+1+1+2=8
    communication system.

8. Define System Bus. Discuss different Types of System Buses.   2+ 2 + 2 + 2 = 8

9. Explain four causes of Computer Virus.   2+ 2 + 2 + 2 = 8

CODE
R: 2831

2018 (A)

Roll No. 156

INTERMEDIATE PART-I (11TH CLASS)

COMPUTER SCIENCE PAPER-I (New Scheme)

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 **bubble** in front of that question number. On bubble sheet, use marker or pen to fill the bubbles. Cutting or filling two or more bubbles 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) The electronic circuit that executes computer instructions is called:

    (A) Keyboard   (B) C.P.U.   (C) Monitor   (D) Hard Disk

(2) Soft copy refers to:

    (A) Screen output   (B) Peripheral device   (C) OCR   (D) Printed output

(3) The top most layer of OSI Model is:

    (A) Session   (B) Transport   (C) Presentation   (D) Application

(4) Transferring a file from a remote computer to a local computer is called:

    (A) Uploading   (B) Downloading   (C) Server Sharing   (D) Down Sizing

(5) Communication between computer and keyboard involves the transmission:

    (A) Full-Duplex   (B) Half – Duplex   (C) Simplex   (D) Automatic

(6) The device _____ uses parallel transmission:

    (A) Mouse   (B) Keyboard   (C) Light Pen   (D) Printer

(7) The fly-by-wire system is used in:

    (A) Medical Field   (B) Airline system   (C) Education   (D) Farming

(8) The program that contains instructions to operate a device is called:

    (A) Device Driver   (B) Device Operator   (C) Device Linking   (D) Device System

(9) The component of CPU, which is responsible for interacting with RAM, is:

    (A) Register   (B) Hard Disk   (C) ALU   (D) Control Unit

(10) Another name for free software is:

    (A) Encrypted software   (B) Copy protected software   (C) Public domain software   (D) Shareware

(11) A person who gains illegal access to a computer system is:

    (A) Worm   (B) Network Controller   (C) Computer Operator   (D) Hacker

(12) The folder, which contains administrative tools, is:

    (A) Installer   (B) Control Panel   (C) Debugger   (D) Linker

(13) Moving up or down in word processing document is called:

    (A) Scrolling   (B) Word-wrap   (C) Line movement   (D) Pull-down

(14) The actual working area in Microsoft Excel is:

    (A) Workbook   (B) Worksheet   (C) Database   (D) Lotus-123

(15) The computers on internet that contain websites are called:

    (A) Central Computers   (B) Site Computers   (C) Clients   (D) Web Servers

COMPUTER SCIENCE PAPER-I (Old Scheme)

TIME ALLOWED: 3.10   **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.   8 x 2 = 16
(i)   What is data?
(ii)   Give some examples of Hardware components.
(iii)   Write the use of input devices.
(iv)   Distinguish between defacto and dejure standards.
(v)   State the use of repeater.
(vi)   What is gate way?
(vii)   Define bit and byte.
(viii) What is analogue signal?
(ix)   What is band width?
(x)   Define backup.
(xi)   What is privacy issue?
(xii)   What is antivirus software?

Q.No. 3   Attempt any eight parts.   8 x 2 = 16
(i)   Differentiate between MAR and MBR.
(ii)   How does Interpreter work?
(iii)   What is meant by Bus Interconnection?
(iv)   What do you know about Interrupts?
(v)   What is One-Address instruction Format?
(vi)   How instructions are decoded in CPU?
(vii)   What is purpose of Operating System?
(viii) What is the use of My Computer folder?
(ix)   Differentiate between multitasking and multiprocessing?
(x)   What is word processor?
(xi)   What is the use of Headers and Footers?
(xii)   What is the difference between Margins and Indents?

Q.No. 4   Attempt any six parts.   6 x 2 = 12
(i)   What is electronic shopping?
(ii)   List two uses of computer in banks.
(iii)   What is video conferencing?
(iv)   What is computer simulation?
(v)   What is spreadsheet program?
(vi)   Define formula in MS-Excel.
(vii)   What is importance of chart in Ms-Excel?
(viii) Write two uses of internet.
(ix)   What is IP address?

SECTION-II

NOTE:- Attempt any three questions of the following:-   8 x 3 = 24
5.   Why we need printer and plotter? Explain Laser printer and Drum plotter.   2 + 3 + 3 = 8
6.   Define Network. Write short note on Client Server and peer to peer models.   2 + 3 + 3 = 8
7.   What is data communication? Explain the basic components of communication
      network.   8
8.   What is system bus? Explain its different types.   2 + 2 + 2 + 2 = 8
9.   Discuss different types of viruses.   8

SECTION-III

Q.No. 10. (PRACTICAL PART) Attempt any three parts of the following:-   5 x 3 = 15
(A)   Write a procedure to create a new folder on desktop.
(B)   Write a procedure to create a table in MS Word.
(C)   Write a procedure to save a document in my document folder in MS Word.
(D)   Write a procedure to find maximum value among five numbers using function in MS Excel.
(E)   Write a procedure to multiply two numbers in MS Excel.

COMPUTER SCIENCE   PAPER-I   (Old Scheme)

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 **bubble** in front of that question number. On bubble sheet, use marker or pen to fill the bubbles. Cutting or filling two or more bubbles 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) A collection of raw facts and figures is called:-

   (A) Data   (B) Information   (C) Processing   (D) Procedure

(2) The key, which removes the character to the right of the cursor, is called:-

   (A) Back space   (B) Alt   (C) Del   (D) Esc

(3) A collection of computers connected together to share resources and information is called:-

   (A) Computer Sharing   (B) Computer Network   (C) Computer Interconnecting   (D) Computer Linking

(4) A computer network must contain at least _____ number of computers.

   (A) Two   (B) Twenty   (C) A few   (D) Hundred

(5) Physical path that connects the source and receiver is known as:-

   (A) Decoder   (B) Encoder   (C) Linear Medium   (D) Communication Channel

(6) The electromagnetic or light waves representing data are called:-

   (A) Information   (B) Signal   (C) Coding   (D) Mode

(7) CBT stands for:-

   (A) Computer Based Trade   (B) Certificate Based Training
   (C) Computer Based Training   (D) Computer Basic Training

(8) Many products are designed by using:-

   (A) ATM   (B) CTB   (C) CAM   (D) CAD

(9) The component, which handles the processor communication with its peripheral, is:-

   (A) Control Unit   (B) I/O Unit   (C) Bus Interconnection   (D) NIC

(10) The circuit board on which the processor and other chips are placed is called:-

   (A) Big board   (B) Master circuit   (C) Motherboard   (D) Connector circuit

(11) Memory consists of:-

   (A) Set of wires   (B) Set of circuits   (C) Cells   (D) Ports

(12) The step that performs the actions given in the instructions is called:-

   (A) Fetch   (B) Calculate   (C) Decode   (D) Execute

(13) _____ is a biometric technique for person identification.

   (A) Retina   (B) Access Card   (C) Password   (D) Pin

(14) _____ acts as an interface between the user and the hardware.

   (A) Ms Word   (B) Operating System   (C) Language Processor   (D) Utility Program

(15) Word processing includes the process of:-

   (A) Entering text   (B) Editing text   (C) Formatting text   (D) All

(16) Another name for an electronic spreadsheet is:-

   (A) Document   (B) Database   (C) Worksheet   (D) Workbook

(17) A collection of millions of computers connected to one another is called:-

   (A) Web browser   (B) Word wide web   (C) Internet   (D) Intranet

165

Subject: Computer Science

Group: 1st New

Session: _____

Group: 2nd old

Q. Nos	Paper Code 2831	Paper Code 2033	Paper Code 2835	Paper Code 2837	Q. Nos	Paper Code 6831	Paper Code 6833	Paper Code 6835	Paper Code 6837
1	B	D	B	B	1	A	D	C	A
2	A	B	A	C	2	C	A	D	D
3	D	A	D	D	3	B	B	B	B
4	B	B	C	B	4	A	D	C	C
5	C	D	D	A	5	D	C	C	D
6	D	B	B	D	6	B	C	D	B
7	B	A	A	C	7	C	A	A	C
8	A	D	B	D	8	D	C	B	C
9	D	B	D	B	9	B	B	D	D
10	C	C	B	A	10	C	A	C	A
11	D	D	A	B	11	C	D	C	B
12	B	B	D	D	12	D	B	A	D
13	A	A	B	B	13	A	C	C	C
14	B	D	C	A	14	B	D	B	C
15	D	C	D	D	15	D	B	A	A
16					16	C	C	D	C
17					17	C	C	B	B
18					18				
19					19				
20					20				