

**INTERMEDIATE PART-I (11<sup>th</sup> CLASS)****COMPUTER SCIENCE PAPER-I (NEW SCHEME)**

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) List primary components of Computer System.
- (ii) Describe relationship between Hardware and Software.
- (iii) Write the use of trackball.
- (iv) List four basic units of data storage.
- (v) What is the difference between ISDN and DSL?
- (vi) Which two topologies are combined to make a tree topology?
- (vii) What is the use of Network Interface Card?
- (viii) Define Email attachment.
- (ix) Write the role of ISP.

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

- (i) Define Encoder.
- (ii) How data is represented in Memory?
- (iii) What is Broadband?
- (iv) Write any two benefits of video conferencing.
- (v) What is electronic banking?
- (vi) List two advantages of word processor over typewriter.
- (vii) What is meant by editing a MS-Word document?
- (viii) Define Worksheet.
- (ix) Differentiate between Active cell and Passive cell.

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

- (i) What is Bus Interconnection?
- (ii) Define General Purpose Register.
- (iii) Describe the role of Memory Management.
- (iv) What is Stack Pointer Register?
- (v) Define System Bus.
- (vi) Describe Computer Virus.
- (vii) What is Data Protection?
- (viii) Differentiate between Primary partition and Extended Partition.
- (ix) What is the role of Windows Explorer?

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

5. Differentiate between impact and non-impact printers.
6. Explain the working of Ring topology with diagram. Also discuss its advantages and disadvantages.
7. Define Signal. Explain the types of signal in data communication.
8. What is bus interconnections? Write the functions of control bus, data bus and address bus.
9. What is backup of data and its purpose? Also discuss different types of backup.

Paper Code

Number: 2831

2019 (A)

Roll No: \_\_\_\_\_

**INTERMEDIATE PART-I (11<sup>th</sup> 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. 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 questions 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) Computing
- (2) Hardware is best described as:  
(A) Program (B) Physical parts (C) Procedure (D) Hard copy
- (3) Each computer on a network is called:  
(A) Link (B) Code (C) Node (D) Mode
- (4) Which is communication device?  
(A) Router (B) USB (C) CD (D) Ethernet
- (5) Frequency is measured in:  
(A) Sec (B) BPS (C) Volts (D) Hertz
- (6) BCD is \_\_\_\_\_ bit code.  
(A) 2 (B) 3 (C) 4 (D) 8
- (7) CU stands for:  
(A) Control unit (B) Cache unit (C) Calculating unit (D) Com unit
- (8) ALU has \_\_\_\_\_ units.  
(A) 1 (B) 2 (C) 3 (D) 5
- (9) The secret word used for data protection is:  
(A) Biocham (B) Backup (C) Password (D) P.C
- (10) A computer virus is a:  
(A) Disease (B) Software (C) hardware (D) Bacteria
- (11) CBT stands for:  
(A) Computer based trade (B) Computer basic training  
(C) Certificate based trade (D) Computer based training
- (12) Windows operating system was developed by:  
(A) Sun system (B) Microsoft (C) Hewlett (D) JAVA
- (13) Shortcut key to save a file in MS-Word is:  
(A) Ctrl + S (B) Alt + S (C) Ctrl + F (D) Alt + F
- (14) How many worksheets are in a workbook by default?  
(A) 1 (B) 2 (C) 3 (D) 4
- (15) Which of the following is internet protocol?  
(A) TCP / IP (B) IEEE (C) MAC (D) SNA

**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. 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 questions on this sheet of OBJECTIVE PAPER.

**Q.No.1**

(1) A computer virus is a:

- (A) Disease (B) Software (C) hardware (D) Bacteria

(2) CBT stands for:

- (A) Computer based trade (B) Computer basic training  
(C) Certificate based trade (D) Computer based training

(3) Windows operating system was developed by:

- (A) Sun system (B) Microsoft (C) Hewlett (D) JAVA

(4) Shortcut key to save a file in MS-Word is:

- (A) Ctrl + S (B) Alt + S (C) Ctrl + F (D) Alt + F

(5) How many worksheets are in a workbook by default?

- (A) 1 (B) 2 (C) 3 (D) 4

(6) Which of the following is internet protocol?

- (A) TCP / IP (B) IEEE (C) MAC (D) SNA

(7) A collection of raw facts and figures is called:

- (A) Data (B) Information (C) Processing (D) Computing

(8) Hardware is best described as:

- (A) Program (B) Physical parts (C) Procedure (D) Hard copy

(9) Each computer on a network is called:

- (A) Link (B) Code (C) Node (D) Mode

(10) Which is communication device?

- (A) Router (B) USB (C) CD (D) Ethernet

(11) Frequency is measured in:

- (A) Sec (B) BPS (C) Volts (D) Hertz

(12) BCD is \_\_\_\_\_ bit code.

- (A) 2 (B) 3 (C) 4 (D) 8

(13) CU stands for:

- (A) Control unit (B) Cache unit (C) Calculating unit (D) Com unit

(14) ALU has \_\_\_\_\_ units.

- (A) 1 (B) 2 (C) 3 (D) 5

(15) The secret word used for data protection is:

- (A) Biocham (B) Backup (C) Password (D) P.C

**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. 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 questions on this sheet of OBJECTIVE PAPER.

**Q.No.1**

- (1) CU stands for:  
 (A) Control unit      (B) Cache unit      (C) Calculating unit      (D) Com unit
- (2) ALU has \_\_\_\_\_ units.  
 (A) 1      (B) 2      (C) 3      (D) 5
- (3) The secret word used for data protection is:  
 (A) Biocham      (B) Backup      (C) Password      (D) P.C
- (4) A computer virus is a:  
 (A) Disease      (B) Software      (C) hardware      (D) Bacteria
- (5) CBT stands for:  
 (A) Computer based trade      (B) Computer basic training  
 (C) Certificate based trade      (D) Computer based training
- (6) Windows operating system was developed by:  
 (A) Sun system      (B) Microsoft      (C) Hewlett      (D) JAVA
- (7) Shortcut key to save a file in MS-Word is:  
 (A) Ctrl + S      (B) Alt + S      (C) Ctrl + F      (D) Alt + F
- (8) How many worksheets are in a workbook by default?  
 (A) 1      (B) 2      (C) 3      (D) 4
- (9) Which of the following is internet protocol?  
 (A) TCP / IP      (B) IEEE      (C) MAC      (D) SNA
- (10) A collection of raw facts and figures is called:  
 (A) Data      (B) Information      (C) Processing      (D) Computing
- (11) Hardware is best described as:  
 (A) Program      (B) Physical parts      (C) Procedure      (D) Hard copy
- (12) Each computer on a network is called:  
 (A) Link      (B) Code      (C) Node      (D) Mode
- (13) Which is communication device?  
 (A) Router      (B) USB      (C) CD      (D) Ethernet
- (14) Frequency is measured in:  
 (A) Sec      (B) BPS      (C) Volts      (D) Hertz
- (15) BCD is \_\_\_\_\_ bit code.  
 (A) 2      (B) 3      (C) 4      (D) 8



**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. 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 questions on this sheet of OBJECTIVE PAPER.

**Q.No.1**

- (1) Which is communication device?  
(A) Router (B) USB (C) CD (D) Ethernet
- (2) Frequency is measured in:  
(A) Sec (B) BPS (C) Volts (D) Hertz
- (3) BCD is \_\_\_\_\_ bit code.  
(A) 2 (B) 3 (C) 4 (D) 8
- (4) CU stands for:  
(A) Control unit (B) Cache unit (C) Calculating unit (D) Com unit
- (5) ALU has \_\_\_\_\_ units.  
(A) 1 (B) 2 (C) 3 (D) 5
- (6) The secret word used for data protection is:  
(A) Biocham (B) Backup (C) Password (D) P.C
- (7) A computer virus is a:  
(A) Disease (B) Software (C) hardware (D) Bacteria
- (8) CBT stands for:  
(A) Computer based trade (B) Computer basic training  
(C) Certificate based trade (D) Computer based training
- (9) Windows operating system was developed by:  
(A) Sun system (B) Microsoft (C) Hewlett (D) JAVA
- (10) Shortcut key to save a file in MS-Word is:  
(A) Ctrl + S (B) Alt + S (C) Ctrl + F (D) Alt + F
- (11) How many worksheets are in a workbook by default?  
(A) 1 (B) 2 (C) 3 (D) 4
- (12) Which of the following is internet protocol?  
(A) TCP / IP (B) IEEE (C) MAC (D) SNA
- (13) A collection of raw facts and figures is called:  
(A) Data (B) Information (C) Processing (D) Computing
- (14) Hardware is best described as:  
(A) Program (B) Physical parts (C) Procedure (D) Hard copy
- (15) Each computer on a network is called:  
(A) Link (B) Code (C) Node (D) Mode

**INTERMEDIATE PART-I (11<sup>th</sup> CLASS)****COMPUTER SCIENCE PAPER-I (OLD SCHEME)**

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.****8 × 2 = 16**

- (i) Define Computer.
- (ii) What is the use of input devices?
- (iii) How does a mouse work?
- (iv) Define TCP / IP.
- (v) What is workgroup computing?
- (vi) Explain gateway.
- (vii) What is digital signal?
- (viii) Define bit and byte.
- (ix) Define Modulation.
- (x) What is privacy issue?
- (xi) Elaborate biometrics.
- (xii) Define antivirus software.

**Q.No.3 Attempt any eight parts.****8 × 2 = 16**

- (i) List the components of computer architecture.
- (ii) Describe main memory.
- (iii) Define the function of bus.
- (iv) What is interrupt?
- (v) Describe the execute process.
- (vi) Define the serial port.
- (vii) What is multiprocessing?
- (viii) Describe the My document folder.
- (ix) Define Print queue.
- (x) What is standard toolbar?
- (xi) Write shortcut key to save and print document in word.
- (xii) Describe overtype mode.

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

- (i) State the purpose of ATM.
- (ii) How computer can be used in offices?
- (iii) Define reprographics.
- (iv) What is SBT?
- (v) Define Workbook.
- (vi) What is function?
- (vii) What is active cell?
- (viii) Define universal resource locator.
- (ix) Write any two domain names.

**SECTION-II****NOTE: - Attempt any three questions of the following:****8 × 3 = 24**

5. Define Information Technology. Also discuss modern scenario of information technology. 8
6. Discuss client-server network model and peer to peer network model. 8
7. Why we required communication media in computer networks? Explain its two types.  
Explain twisted pair and fiber optic.  $2 + 2 + 2 + 2 = 8$
8. What is System Bus? Discuss its types.  $2 + 2 + 2 + 2 = 8$
9. Explain different type of Viruses. 8

**SECTION-III****10. Attempt any three parts of the following: (PRACTICAL PART)****5 × 3 = 15**

- (A) Write down the procedure of changing date and time in Windows.
- (B) What is the procedure of adding header and footer in a file of MS-Word?
- (C) Write down the procedure to get print of a document in MS-Word.
- (D) Write down the procedure of applying SUM function in Excel.
- (E) How do we apply IF function in 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. 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 questions on this sheet of OBJECTIVE PAPER.

**Q.No.1**

- (1) How many bits are in one byte?  
(A) 2 (B) 4 (C) 6 (D) 8
- (2) Multiple choice examination answer sheet can be evaluated using:  
(A) OMR (B) OCR (C) Magnetic stripe (D) MICR
- (3) Each computer on a Network is called a:  
(A) Link (B) Code (C) Mode (D) Node
- (4) The physical layout of a network is known as:  
(A) Topology (B) Session (C) Connection (D) Link
- (5) Frequency is measured in:  
(A) Seconds (B) BPS (C) Hertz (D) KBPS
- (6) Which communication medium requires line-of-sight?  
(A) Coaxial (B) Twisted pair (C) Fiber optic (D) Microwave
- (7) Computer based weather forecasting depends on accurate collection of data from:  
(A) Television (B) Weather station (C) Monitor (D) Antenna
- (8) CBT software is used in:  
(A) Education (B) Forecasting (C) Manufacturing (D) Farming
- (9) ALU has:  
(A) 2 units (B) 3 units (C) 4 units (D) 5 units
- (10) Which of the following has the fastest speed?  
(A) Disk (B) Cache (C) RAM (D) ROM
- (11) The order of stack is:  
(A) FiFo (B) FiGo (C) LiFo (D) GiGo
- (12) How many types of language translator are:  
(A) 1 (B) 2 (C) 3 (D) 4
- (13) McAfee is an example of:  
(A) Anti-virus (B) Virus (C) Hacker (D) Worm
- (14) Software can be removed/installed through:  
(A) Installer (B) Control panel (C) Debugger (D) Linker
- (15) Which function key is used for checking spelling and grammar in MS-Word?  
(A) F1 (B) F2 (C) F7 (D) F12
- (16) A formula in Excel always begin with:  
(A) > (B) = (C) >= (D) ==
- (17) A collection of related web pages is called:  
(A) Internet (B) Network (C) Link (D) Website

**BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN**  
**OBJECTIVE KEY FOR INTERMEDIATE ANNUAL EXAMINATION, 2019**

Name of Subject: CST First Year

Session: —

Group: 1st New Scheme

Group: 2nd OLD Scheme

| Q. Nos | Paper Code | Paper Code | Paper Code | Paper Code |
|--------|------------|------------|------------|------------|
|        | 2831       | 2833       | 2835       | 2837       |
| 1      | A          | B          | A          | A          |
| 2      | B          | D          | B          | D          |
| 3      | C          | B          | C          | C          |
| 4      | A          | A          | B          | A          |
| 5      | D          | C          | D          | B          |
| 6      | C          | A          | B          | C          |
| 7      | A          | A          | A          | B          |
| 8      | B          | B          | C          | D          |
| 9      | C          | C          | A          | B          |
| 10     | B          | A          | A          | A          |
| 11     | D          | D          | B          | C          |
| 12     | B          | C          | C          | A          |
| 13     | A          | A          | A          | A          |
| 14     | C          | B          | D          | B          |
| 15     | A          | C          | C          | C          |
| 16     |            |            |            |            |
| 17     |            |            |            |            |
| 18     |            |            |            |            |
| 19     |            |            |            |            |
| 20     |            |            |            |            |

| Q. Nos | Paper Code | Paper Code | Paper Code | Paper Code |
|--------|------------|------------|------------|------------|
|        | 6831       |            |            |            |
| 1      | D          |            |            |            |
| 2      | A          |            |            |            |
| 3      | D          |            |            |            |
| 4      | A          |            |            |            |
| 5      | C          |            |            |            |
| 6      | D          |            |            |            |
| 7      | B          |            |            |            |
| 8      | A          |            |            |            |
| 9      | A          |            |            |            |
| 10     | B          |            |            |            |
| 11     | C          |            |            |            |
| 12     | C          |            |            |            |
| 13     | A          |            |            |            |
| 14     | B          |            |            |            |
| 15     | C          |            |            |            |
| 16     | B          |            |            |            |
| 17     | D          |            |            |            |
| 18     |            |            |            |            |
| 19     |            |            |            |            |
| 20     |            |            |            |            |

مرثقیلیٹ بابت صحیح سوالیہ پرچہ امارکنگ Key

ہم نے مضمون CST پرچہ گروپ سیکیم انٹر سالانہ امتحان 2019 کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو بنظر عین چیک کر لیا ہے یہ پرچہ Syllabus کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ کی معروضی (MCQs) Key کی بابت تصدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزامینرز کیلئے تفصیلی مارکنگ ہدایات / مارکنگ سکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 13-06-19

| S.# | Name           | Designation | Institution                | Mobile No   | Signature |
|-----|----------------|-------------|----------------------------|-------------|-----------|
| 1   | M. IQBAL LATIF | A/P         | Govt Degree College Shuj   | 03336116416 |           |
| 2   | Muhammed Ali   | A/P         | Govt. College of Science   | 0333-089943 |           |
| 3   | Muhammed Imran | 1           | Govt. Mulla Degree College | 03017423072 |           |
| 4   |                |             |                            |             |           |
| 5   |                |             |                            |             |           |

Re-Checked By: ہم نے درج بالا سوالیہ پرچہ (انشائیہ + معروضی) "Key" اور ہدایات کے حوالہ سے مکمل طور پر تلی کر لی ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

|   |                       |          |                                              |              |  |
|---|-----------------------|----------|----------------------------------------------|--------------|--|
| 1 | Hafiz Muhammad Tibran | SSR (IT) | Govt. Comprehensive Higher Sec School Multan | 0313-8620347 |  |
| 2 |                       |          |                                              |              |  |
| 3 |                       |          |                                              |              |  |

14-06-19 تاریخ