

Roll No. of Candidate : _____

COMPUTER SCIENCE Intermediate Part-I, Class 11th (1stA 324- II) Group – I Paper – I

Time: 20 Minutes

OBJECTIVE Code : 6833

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.



1. 1 - The idea of storing of program in memory was given by
 (A) Charles Babbage (B) Liebnitz (C) Pascal (D) John Van Neumann ●
- 2 - The temporary storage area within CPU is called
 (A) Registers ● (B) RAM (C) ROM (D) Disk
- 3 - A secret word or numbers to be typed on a keyboard before any activity can take place are called
 (A) Data Encryption (B) Password ● (C) Biometric data (D) private data
- 4 - The devices that are automatically detected by Windows Operating System are called
 (A) serial devices (B) parallel devices
 (C) automatic devices (D) plug and play devices ●
- 5 - Which of the following is Word Processor?
 (A) Adobe Acrobat (B) Photo Express (C) MS Word ● (D) MS Excel
- 6 - If you want to display the sum of five cells (A1 to A5), the function is
 (A) = sum(A1:A5) ● (B) = sum(A1 to A5) (C) = sum(A1,A5) (D) = sum(A1+A5)
- 7 - If the custom format is ##,### then 51243 will be displayed as
 (A) 5,1243 (B) 51,243 ● (C) 512,43 (D) 5124,3
- 8 - Which of the following protocol is used to access Internet?
 (A) Ethernet (B) ARCnet (C) FTP (D) TCP/IP ●
- 9 - Which device is used to read the vertical lines from the product in a Super Store?
 (A) OMR (Optical Mark Recognition) (B) OCR (Optical Character Recognition)
 (C) Bar – Code Reader ● (D) MiCR (Magnetic ink Character Recognition)
- 10 - An input device, which is used for playing computer games
 (A) light pen (B) joy stick ● (C) mouse (D) scanner
- 11 - In which topology nodes are connected to a single cable
 (A) Bus Topology ● (B) Ring Topology (C) Star Topology (D) Mesh Topology
- 12 - The unique address of every web page on www is called
 (A) Web Address (B) IP Address (C) URL ● (D) Website Address
- 13 - The process of transferring data electronically from one place to another is called
 (A) Data processing (B) Data Communication ●
 (C) Data Synchronization (D) Data Sequencing
- 14 - How many characters ASCII 7–Bit code represents?
 (A) 128 ● (B) 256 (C) 512 (D) 1024
- 15 - SUPARCO department gives information about
 (A) robot (B) airline (C) weather ● (D) train

Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.



SECTION – I

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - Give two applications of OMR. | vi - What is Metropolitan Area Network? |
| ii - Convert 240 MB of memory into bytes and kilobytes. | vii - State two services of Application Layer. |
| iii - Write down two benefits of E-mail. | viii - How data is represented in computers? |
| iv - Briefly define ARPANET. | ix - What is Broadband? |
| v - Define the function of Network Interface Card (NIC) | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - Distinguish between CX and DX registers. | vi - Define the term Backup. |
| ii - What is the use of MAR register? | vii - Define Antivirus software. |
| iii - Why RAM is called Volatile Memory? | viii - Elaborate the purpose of search engine. |
| iv - Elaborate the concept of memory buffer register. | ix - How web pages are created? |
| v - How does boot sector virus work? | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|---|
| i - Write down two typing modes in MS-Word. | vi - Write Excel function to add values in Cells B5 to B15. |
| ii - Why we use Margins of document in MS-Word? | vii - What do you mean by function in MS-Excel? |
| iii - Describe Undo and Redo commands of MS-Word? | viii - What is cell in MS-Excel? |
| iv - What is Thesaurus in MS-Word? | ix - Write the concept of 3D-worksheets of MS-Excel. |
| v - Change the relative reference C1 into absolute reference. | |

SECTION – II

- | | |
|--|-----|
| 5 - Define display screen. Explain its types. | (8) |
| 6 - Explain serial and parallel transmission. Also discuss two types of serial transmission. | (8) |
| 7 - Explain any four uses of computer in medical field. | (8) |
| 8 - Define Bus interconnection. Explain different types of system buses. | (8) |
| 9 - Discuss any four (04) objects of Windows Operating System. | (8) |

Roll No. of Candidate : _____

COMPUTER SCIENCE Intermediate Part-I, Class 11th (1st A 324- IV) Group – II Paper – I

Time: 20 Minutes

OBJECTIVE Code : 6838

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.



1. 1 - Formula can only be applied on
 (A) values ☒ (B) labels (C) unmerged cells (D) blank cells
- 2 - Which is the physical path over which a message travels
 (A) protocol (B) signal (C) medium ☒ (D) encoder
- 3 - Arial font is an example of
 (A) Serif (B) Sans – Serif ☒ (C) Italic (D) Times New Roman
- 4 - Which of the following is an absolute address
 (A) A1 (B) A1\$ (C) \$A\$1 ☒ (D) #,A1
- 5 - The most commonly used device as main memory
 (A) SRAM (B) DRAM ☒ (C) Cache (D) MRAM
- 6 - The common name used for input and output devices is
 (A) QWERTY (B) Mechanical devices (C) peripheral ☒ (D) Electrical devices
- 7 - Which type of virus is activated on specific date and time?
 (A) Boot Sector ☒ (B) Logic bomb (C) Chernobal (D) Trojan Horse
- 8 - Which of the following maintain a print queue for all printing jobs?
 (A) ☒ Windows Operating System (B) printer
 (C) print jobs (D) package software
- 9 - Another name for RAM is
 (A) Main memory ☒ (B) ROM (C) BIOS (D) Non-volatile memory
- 10 - One Giga Byte is equal to
 (A) 2^{10} bytes (B) 2^{15} bytes (C) 2^{20} bytes (D) 2^{30} bytes ☒
- 11 - How many characters are represented by ASCII – 8 code?
 (A) 128 (B) 256 ☒ (C) 286 (D) 312
- 12 - Which domain is used for non-profitable organizations?
 (A) .com (B) .edu (C) .gov (D) .org ☒
- 13 - The media access control sub layer resides in which layer?
 (A) Physical (B) Data link ☒ (C) Network (D) Transport
- 14 - An automatic programmable machine used in industry is called
 (A) CAD (B) CAM (C) CAT (D) ROBOT ☒
- 15 - FDDI is used in which topology?
 (A) Ring ☒ (B) Star (C) Mesh (D) Bus

Time: 2:10 Hours

SUBJECTIVE

Marks: 60

Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.



SECTION – I

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|---|
| i - Define SDLC. | vi - State the function of Physical Layer. |
| ii - Convert 240 MB of memory into Kilobytes. | vii - Distinguish between De Facto Standard and De Jure Standard. |
| iii - Write down any two benefits of E-mail. | viii - Which type of signals are commonly called baseband? |
| iv - Define TCP/IP. | ix - What is transmission rate of modem? |
| v - What is Peer-to-Peer Network model? | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - Define PC register. | vi - Define the term Biometric. |
| ii - Define Cache Memory. | vii - What is data security? |
| iii - What is the importance of instruction set? | viii - Write down any four limitations of e-mail. |
| iv - What do you mean by stored program computer? | ix - Define search engine. Write down at least two examples. |
| v - Write down four causes of computer viruses. | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - Write down the use of clipboard. | vi - Write down an example of MAX() function within cell address in MS-Excel. |
| ii - Write down the use of Macros in MS-Word. | vii - What is Relative Reference? |
| iii - Write down two uses of Word Processor. | viii - Define 3-D sheet in MS-Excel. |
| iv - Define page margins and page size in MS-Word processor. | ix - What is Active cell? |
| v - Write down the formula for calculating average of three numbers. | |

SECTION – II

- 5 - What is Software? Write down different types of software. (8)
- 6 - What is un-guided media? Briefly describe different un-guided media. (8)
- 7 - What is meant by an Office Automation? Explain various tasks to be performed in an Office. (8)
- 8 - What is ROM? Write down its different types. (8)
- 9 - What is the purpose of mouse and keyboard? Write down important events of mouse and keyboard. (8)

222-1st A 324-25500

Gujranwala Board-2023

Roll No. of Candidate : _____

COMPUTER SCIENCE

Intermediate Part-I, Class 11th (1st A 323- I)

Paper – I

Time: 20 Minutes

OBJECTIVE Code : 6831

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.

1. 1 - Mobile SIM card and ATM card are examples of
(A) video card (B) OMR card (C) smart card (D) strip card
- 2 - Coding is also called
(A) programming (B) evaluating (C) installing (D) testing
- 3 - Which is not a LAN protocol?
(A) Ethernet (B) Token Ring (C) ARCNet (D) IrDA
- 4 - OSI reference model has
(A) 3 layers (B) 7 layers (C) 11 layers (D) 13 layers
- 5 - Digital signals are commonly known as
(A) bandwidth (B) narrowband (C) baseband (D) broadband
- 6 - Select unguided media from the followings
(A) Microwave (B) Twisted pair cable (C) Coaxial cable (D) Fiber-optic cable
- 7 - Which technology is used to read data on cheques?
(A) OMR (B) OCR (C) CAT (D) MICR
- 8 - How many units ALU has?
(A) 6 (B) 2 (C) 3 (D) 4
- 9 - The order of stack is
(A) GIGO (B) FIFO (C) LIFO (D) FIGO
- 10 - The program written in high level language is called
(A) source code (B) object code (C) linked code (D) machine code
- 11 - McAfee is an example of
(A) hacker (B) worm (C) virus (D) antivirus
- 12 - The letter "NT" in windows NT stands for
(A) not tested (B) new technology (C) network terminal (D) network technology
- 13 - What kind of pictures bit map graphics are?
(A) painted (B) line (C) curve (D) solid
- 14 - The columns in spreadsheet are labeled by
(A) numbers (B) digits (C) letters (D) cell reference
- 15 - Which of the following is an internet protocol?
(A) Ethernet (B) Token Ring (C) ARCNet (D) TCP/IP

221-(I)-1stA 323-47000

Gujranwala Board-2023

COMPUTER SCIENCE

Intermediate Part-I, Class 11th (1stA 323)

Paper – I

Time: 2:10 Hours

SUBJECTIVE

Marks: 60

Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.



SECTION – I

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|---|
| i - Differentiate between data and information. | vi - How is computer useful in medical field? |
| ii - Why is hardware useless without software? | vii - What is the use of computer aided design? |
| iii - Enlist basic units of data storage. | viii - Define worksheet. |
| iv - Define feasibility study. | ix - Can you enter data in passive cell? |
| v - What is reprographic? | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - What are De facto standards? | vi - What is broadband? |
| ii - What is extranet? | vii - What is an IP address? Why it is used? |
| iii - What is the purpose of application layer? | viii - Elaborate the purpose of search engine. |
| iv - Define data communication. | ix - How webpages are created? |
| v - How is data transmitted in synchronous transmission? | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - What is cache memory? | vi - What is Recycle Bin? |
| ii - Differentiate between Source Code and Object Code. | vii - Briefly describe Graphical User Interface. |
| iii - How a virus is activated? | viii - Discuss about headers and footers. |
| iv - Explain antivirus software. | ix - Explain Word Art in Word Processors. |
| v - List some reasons of data loss. | |

SECTION – II

- 5 - What is non-impact printer? Discuss Laser printer and Inkjet printer. (8)
- 6 - Discuss any four network components. (8)
- 7 - What is un-guided media? Discuss different types of un-guided media. (8)
- 8 - Describe computer architecture. Discuss its components in detail. (8)
- 9 - What are CPU registers? Briefly describe special-purpose registers. (8)

221-1stA 323-47000

Gujranwala Board-2022

Roll No. of Candidate : _____

COMPUTER SCIENCE

(Intermediate Part-I, Class 11th) 322 - (III)

Paper – I

Time: 20 Minutes

OBJECTIVE - - - - - Code : 6835

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.



1. 1 - _____ is spread sheet software.

- (A) MS Word (B) MS Excel (C) MS Power Point (D) Adobe Acrobat

2 - The maximum number of primary partitions that can be created on a disk is _____.

- (A) two (B) three (C) four (D) five

3 - The memory cells are logically organized into group of _____ bits.

- (A) 5 (B) 8 (C) 12 (D) 24

4 - The memory that programmed at the time of manufacturing is called _____.

- (A) RAM (B) EPROM (C) Cache (D) ROM

5 - The process of converting a digital signal into an analog signal is called _____.

- (A) modulation (B) demodulation (C) conversion (D) merging

6 - In star topology, the central device is called _____.

- (A) hub (B) terminator (C) router (D) gateway

7 - The name for the screen clarity is _____.

- (A) resolution (B) discrete (C) pixel (D) LCD

8 - _____ is used to find information on World Wide Web.

- (A) Web Browser (B) Web Site (C) Search Engine (D) Web Server

9 - _____ is a word processor.

- (A) Adobe Acrobat (B) Photo Express (C) MS Excel (D) MS Word

10 - A virus that replicates itself is called _____.

- (A) worm (B) bug (C) vaccine (D) bomb

11 - The temporary storage area within CPU is called _____.

- (A) ROM (B) RAM (C) Registers (D) HDD

12 - Typically, an ATM can be used to _____.

- (A) keep records (B) make budgets (C) watch movies (D) withdraw cash

13 - BIT stands for _____.

- (A) binary integer (B) binary digit (C) binary interval (D) both (A) & (B)

14 - What layer of OSI model does data compression?

- (A) network (B) presentation (C) data link (D) physical

15 - The smallest unit of memory is _____.

- (A) byte (B) bit (C) character (D) word

219-(III)-322-37000

Gujranwala Board-2022

COMPUTER SCIENCE

(Intermediate Part-I, Class 11th) 322

Paper – I

Time: 2:10 Hours

SUBJECTIVE

Marks: 60

Note: Section I is compulsory. Attempt any THREE (3) questions from Section II.



(SECTION – I)

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - How is hardware different from software?
Give two examples. | vi - How does ring topology work? |
| ii - Write down the working of light pen. | vii - What is the purpose of application layer? |
| iii - Enlist phases of SDLC. | viii - How do "Undo" and "Redo" commands work in MS-Word? |
| iv - What is the use of OCR?
(Optical Character Recognition) | ix - Write down the short cut keys for "Find" and "Replace" commands in MS-Word. |
| v - Differentiate between LAN and MAN. | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|---------------------------------------|
| i - How can you present the idea of analog signal? | vi - How can you elaborate DMA? |
| ii - How does Half Duplex Mode work? | vii - Define CPU registers? |
| iii - What do you know about modulation? | viii - What is spread sheet? |
| iv - Why RAM is volatile memory? | ix - Explain the concept of function? |
| v - How do you explain data bus? | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---------------------------------|--|
| i - What is E-banking? | vi - What is the purpose of Recycle Bin? |
| ii - Define reprographic. | vii - Name any four options of Control Pannel. |
| iii - What is Robot? | viii - Where are Websites hosted? |
| iv - Define password. | ix - Name any two disadvantages of E-mail. |
| v - What is antivirus software? | |

(SECTION – II)

- | | |
|--|-------------|
| 5 - Define Non-Impact printers. Explain Laser printer and Inkjet printer. | 2+3+3 (8) |
| 6 - Define protocol. Explain Token Ring and TCP/IP protocols. | 2+3+3 (8) |
| 7 - Define data communication. Explain different components of data communication. | 2+6 (8) |
| 8 - Explain any four components of computer architecture. | 2+2+2+2 (8) |
| 9 - Describe different threats to data security. Explain six solutions to these threats. | 2+6 (8) |

219-322-37000

Gujranwala Board-2021

Roll No. of Candidate : _____

COMPUTER SCIENCE

(INTERMEDIATE PART-I) 321 - (III)

Paper – I

Time: 20 Minutes

OBJECTIVE - - - - - Code : 6835

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.



1. 1 - The number of octets in an IP address is
(A) 4 (B) 6 (C) 14 (D) 16
- 2 - The command used to move selected text to another part of a document is
(A) replace (B) cut and paste (C) formate (D) edit
- 3 - Which of the following is a correct cell address?
(A) MA (B) F16 (C) 3D (D) 54
- 4 - The letters "NT" in Windows NT stand for
(A) new technology (B) network terminal (C) network technology (D) not tested
- 5 - Which operating system provides only a command-line interface?
(A) Mac-Os (B) DOS (C) Windows (D) Linux
- 6 - A special program that can detect and remove viruses from computer is called
(A) virus (B) groupware (C) antivirus (D) shareware
- 7 - Cache memory is
(A) faster than RAM (B) slower than RAM (C) non-volatile (D) type of ROM
- 8 - CAM is used to
(A) Design Products (B) Online Education (C) Edit Pictures (D) Manufacture Products
- 9 - RAM holds data and instructions
(A) permanently (B) temporarily (C) partially (D) casually
- 10 - Start/stop bits are required in this type of transmission.
(A) asynchronous (B) isynchronous (C) monosynchronous (D) synchronous
- 11 - Sound waves and radio waves are examples of _____ signal.
(A) digital (B) analog (C) simple (D) discrete
- 12 - Which type of network is the internet?
(A) LAN (B) MAN (C) NAN (D) WAN
- 13 - OSI model was created by
(A) ANSI (B) IBM (C) ISO (D) DARPA
- 14 - The type of conversion in which individual components of a new system are used one by one is called
(A) direct (B) phased (C) parallel (D) pilot
- 15 - The process of training personnel to use the new system is done during.
(A) implementation (B) design (C) analysis (D) testing

223-(III)-321-40000

Gujranwala Board-2021

COMPUTER SCIENCE
Time: 2:10 Hours

(INTERMEDIATE PART - I) 321
SUBJECTIVE

Paper – I
Marks: 60

Note: Section I is compulsory. Attempt any Three (3) questions from Section II.



(SECTION – I)

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - Define information technology. | vi - Define internet. |
| ii - Name any four input devices. | vii - Compare uploading and downloading. |
| iii - Compare unit testing and system testing. | viii - Define broadband. |
| iv - Define the coding phase of SDLC. | ix - Define mobile communication. |
| v - What do you mean by workgroup computing? | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - What is the advantage of using ATM in banks? | vi - Name four segment registers. |
| ii - How computer can be used in offices? | vii - What is the purpose of memory buffer register? |
| iii - How bank can benefit from the use of computer? | viii - What is computer virus? |
| iv - List two typical components of CPU. | ix - What is data security? |
| v - What is DMA? | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|--|
| i - What is main advantage of multitasking operating system? | vi - Explain footnote and cross-reference. |
| ii - What is Graphical User Interface (GUI) operating systems? | vii - What is cell? |
| iii - What is the purpose of Recycle Bin? | viii - What is chart and its use? |
| iv - Explain WYSIWYG. | ix - Define formula in MS-Excel. |
| v - What is search and replace option in MS-Word? | |

(SECTION – II)

- 5 - What is a Network Topology? Explain the working of Bus Topology with diagram and example. **2+4+1+1 = (8)**
- 6 - Explain serial transmission and parallel transmission with diagrams and examples. **2+2+2+2 = (8)**
- 7 - What is CPU? Explain fetch, decode and execute cycle of CPU. **2+2+2+2 = (8)**
- 8 - What is data security? Explain any six solutions to data security threats. **2+1+1+1+1+1+1 = (8)**
- 9 - Explain Email address and uniform resource locator in detail with example. **4+4 = (8)**

223-321-40000

Gujranwala Board-2019

Roll No. of Candidate : _____

COMPUTER SCIENCE

(INTERMEDIATE PART-I) 319 - (II)

Paper - I

(New Scheme)

Time: 20 Minutes



OBJECTIVE

Code: 6833

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 in the circles. Cutting or filling of two or more circles will result zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

- 1 - Which portion of the URL is the domain name?
(A) microsoft.com (B) www (C) http (D) ://
- 2 - When MS-Word is opened, the name of default document or file is :
(A) document 1 (B) file 1 (C) word 1 (D) MS-Word 1
- 3 - McAfee is an example of :
(A) hacker (B) worm (C) virus (D) antivirus
- 4 - The order of stack is :
(A) FIFO (B) LIFO (C) GIGO (D) FIGO
- 5 - Which technology is used to read data on cheques?
(A) OMR (B) MICR (C) OCR (D) OBR
- 6 - The transmission in which data can be received and sent simultaneously is called:
(A) simplex (B) duplex (C) half duplex (D) full duplex
- 7 - Which one is the fastest?
(A) RAM (B) Cache (C) hard disk (D) register
- 8 - Which of the following device can read the printed image from the paper?
(A) plotter (B) stylus (C) scanner (D) printer
- 9 - The intersection of a row and a column is called :
(A) intersection (B) cell (C) field (D) address
- 10 - The devices that are automatically detected by windows are called :
(A) automatic devices (B) plug and play devices (C) serial devices (D) installed devices
- 11 - A program that interferes with the normal working of a computer is called
(A) bacteria (B) antivirus (C) virus (D) freeware
- 12 - Which of the following memory needs to be refreshed periodically?
(A) DRAM (B) SRAM (C) FRAM (D) ROM
- 13 - Internet surfing is an example of :
(A) simplex transmission (B) duplex transmission
(C) half duplex transmission (D) full duplex transmission
- 14 - A computer network in which all computers have equal status:
(A) peer-to-peer (B) client server (C) dedicated (D) server-to-server
- 15 - The hardware component that permanently holds data and programs is called
(A) primary storage (B) secondary storage (C) temporary storage (D) C.P.U.

Gujranwala Board-2019

COMPUTER SCIENCE
(New Scheme)

(INTERMEDIATE PART-I) 319

Paper - I

Time: 2:10 Hours

[pakcity.org](http://www.pakcity.org)

SUBJECTIVE

Marks: 60

Note: Section I is compulsory. Attempt any Three (3) questions from Section II.

(SECTION – I)

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|-------------------------------------|
| i - What is system testing in S.D.L.C? | vi - What is server computer? |
| ii - What is digital camera? | vii - What is work group computing? |
| iii - What is the working of Fax Modem? | viii - Define a website. |
| iv - How does scanning devices work? | ix - Write the purpose of D.N.S. |
| v - Define computer network. | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|---|
| i - Enlist encoding schemes. | vi - Describe the typing modes in word processor. |
| ii - Why fibre optic cable is so fast? | vii - Write the procedure to insert the column in word processor. |
| iii - What is serial transmission? | viii - Write a formula to calculate the average of cells A ₂ to E ₂ . |
| iv - How computers are beneficial for weather forecasting? | ix - What is the most powerful feature of worksheet and why? |
| v - Write two uses of computers at home. | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|---|
| i - Describe the role of I/O unit. | vi - Differentiate between virus and antivirus. |
| ii - What program counter register holds? | vii - What is data security? |
| iii - Differentiate between CX and DX registers. | viii - Define internet explorer. |
| iv - What is instruction set? | ix - Discuss the concept of multitasking. |
| v - Define the role of interpreter. | |

(SECTION – II)

- | | |
|---|-----|
| 5 - Explain computer software and its categories. | (8) |
| 6 - Define topology, write names of different topologies, also discuss star topology in detail. | (8) |
| 7 - What is meant by encoding of data? Explain different data encoding schemes. | (8) |
| 8 - What are ports? Describe different types of ports. | (8) |
| 9 - What is a virus? Describe different sources of spreading virus. | (8) |

224-319-38000

Gujranwala Board-2018

COMPUTER SCIENCE
(New Scheme)

(INTER PART - I) 318 - (II)

Paper - I

Time: 20 Minutes

OBJECTIVE

Code: 6833



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.

1. 1 - How many worksheets are contained in a workbook by default?
(A) 3 (B) 4 (C) 5 (D) 6
- 2 - An operating system is a
(A) system utility (B) application software (C) system software (D) software package
- 3 - FormatC is an example of
(A) Trojan horse (B) Redlof (C) Worm (D) Logic bomb
- 4 - How many types of language translators are there?
(A) 1 (B) 2 (C) 3 (D) 4
- 5 - Which communication medium requires line-of-sight?
(A) microwave (B) fibre-optic (C) twisted pair (D) coaxial
- 6 - The topology used for a small number of computer is called
(A) star (B) bus (C) mesh (D) ring
- 7 - Which of the following is used to get voice output?
(A) speaker (B) mic (C) plotter (D) printer
- 8 - .com, .edu and .gov are examples of
(A) top level domain (B) tag (C) protocol (D) e-mail
- 9 - Which of the following is not a type of page margin?
(A) left (B) right (C) center (D) top
- 10 - Which of the following is not an antivirus program?
(A) Redlof (B) Norton (C) Dr. Solman (D) McAfee
- 11 - Which one is the fastest?
(A) RAM (B) cache (C) hard disk (D) register
- 12 - Most applications of robotics are in which area?
(A) cooking (B) manufacturing (C) teaching (D) farming
- 13 - Which of the following technique uses modulation?
(A) bandwidth (B) broadband (C) baseband (D) bitband
- 14 - The process of transferring a file from remote computer to local computer on network is called
(A) downloading (B) browsing (C) uploading (D) pasting
- 15 - Which of the following is not an example of system software
(A) operating system (B) utility program (C) drivers (D) Microsoft office

229- (II)-318-30000

Gujranwala Board-2018

COMPUTER SCIENCE
(New Scheme)

Time: 2:10 Hours

(INTER PART - I) 318

SUBJECTIVE



Paper - I

Marks: 60

Note: Section I is compulsory. Attempt any Three (3) questions from Section II.

(SECTION – I)

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|---|
| i - Describe briefly touch screen. | vi - What is FTP? |
| ii - Write any two differences between softcopy and hardcopy. | vii - Define the digital signal. |
| iii - What is meant by plotter? | viii - Distinguish between serial transmission and parallel transmission. |
| iv - Briefly discuss the workgroup computing? | ix - State the purpose of external modem. |
| v - List any two benefits of computer networks. | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - Define desktop publishing. | vi - Why data transfer instructions are used? |
| ii - Write two benefits of computer aided learning. | vii - Define stack pointer. |
| iii - What is computer simulation? | viii - Why does machine language program execute faster? |
| iv - List four general purpose registers. | ix - Define software piracy. |
| v - Write two activities performed by control unit. | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|---|
| i - What is extended partition? | vi - Write the use of spreadsheet program. |
| ii - How we can manage files and folders? | vii - How a cell is identified in a worksheet? |
| iii - What is the use of My Computer folder? | viii - What is the use of HTML for WWW? |
| iv - How Undo and Redo commands are used? | ix - Which types of files can be attached to E-mail messages? |
| v - How do you make the selected text italic in MS-Word? | |

(SECTION – II)

- 5 - What is Impact printer? Explain Dot-matrix and Daisy-wheel printer? (2+3+3 = 8)
- 6 - What is computer network? Discuss different network models. (2+2+2+2 = 8)
- 7 - What is Guided Media? Write in detail twisted pair and coaxial cable. (2+3+3 = 8)
- 8 - What is I/O unit? Write in detail two ways to transfer data from peripherals (Interrupts and DMA). (2+2+2+2 = 8)
- 9 - Define computer virus. Also explain any three causes of computer viruses briefly. (2+2+2+2 = 8)

229-318-30000