

Roll No. of Candidate : _____

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

Time: 20 Minutes

OBJECTIVE Code : 6833 GUVJ-1-24

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)

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

Time: 20 Minutes

OBJECTIVE

Code : 6838

GUJ-2524

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

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)