

SGD-11-23

1123 Warning:- Please write your Roll No. in the space provided and sign. Roll No-----
(Inter Part - I) (Session 2019-21 to 2022-24) Sig. of Student -----
Paper (I)

Computer Science (Objective)
Time Allowed:- 20 minutes

PAPER CODE 2833

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. Write PAPER CODE, which is printed on this question paper, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or white correcting fluid is not allowed.

Q. 1

- 1) A computer network in which all Computers have equal status and no one have control over others
(A) Client server (B) Peer to Peer (C) Client to Client (D) Dedicated
- 2) Multiple choice examination answer sheet can be evaluated automatically using:
(A) OMR (B) OCR (C) MICR (D) Magnetic Strip
- 3) Which of the following is an output device.
(A) Keyboard (B) Mouse (C) Microphone (D) Speaker
- 4) In which Topolgy "Token passing scheme" is used?
(A) Bus Topology (B) Star Topology (C) Ring Topology (D) Mesh Topology
- 5) Which of the following device uses parallel transmission.
(A) Mouse (B) Keyboard (C) Printer (D) Light Pen
- 6) Web pages are connected to one another using:
(A) Interlink (B) Hyperlinks (C) HTTP (D) Multimedia
- 7) How many characters ASCII 7-Bit code represents?
(A) 128 (B) 256 (C) 512 (D) 1024
- 8) Electronic banking is also known as.
(A) Interactive banking (B) Global banking (C) Off-line banking (D) Cyber banking
- 9) Which of the following memory needs to be refreshed?
(A) SRAM (B) ROM (C) DRAM (D) PROM
- 10) Which component of the computer that executes the instruction is called.
(A) CPU (B) Hard Disk (C) System Unit (D) RAM
- 11) Which one is the fastest memory.
(A) ROM (B) RAM (C) Hard Disk (D) Registers
- 12) A Virus that replicates itself is called a
(A) Bomb (B) Worm (C) Bug (D) Vaccine
- 13) A small image that represents a program, folder or file is called.
(A) Icons (B) Windows (C) Dialog Box (D) Menu
- 14) When starting Ms-Word the name of the default document is:
(A) Word 1 (B) Word Document (C) Document 1 (D) File 1
- 15) Which capability of spread sheet can be used to show data graphically?
(A) Formatting (B) Functions (C) Formula (D) Charts

SGD-11-23

Part - I) Warning:- Please, do not write anything on this question paper except your Roll No.
Computer Science (Subjective) (Session 2019-21 to 2022-24) Paper (I)

Time Allowed: 2.10 hours Section ----- I Maximum Marks: 60

Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) Describe system software.
- (ii) How does the drum plotter work?
- (iii) Convert 64 bytes into bits.
- (iv) Define feasibility study.
- (v) Elaborate the use of computer in weather forecasting.
- (vi) Differentiate between CAD and CAM.
- (vii) What is video conferencing?
- (viii) List two benefits of spreadsheet.
- (ix) Write the formula to add the values in cell A1 and C3.

3. Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) How does TCP/IP transmit data?
- (ii) What happens when a collision occurs in a network?
- (iii) What is the purpose of presentation layer?
- (iv) What is digital signal? Give an example.
- (v) How is data transmitted in synchronous transmission?
- (vi) What is baseband?
- (vii) Compare web-browsing and web-browser.
- (viii) How can you access a web page?
- (ix) What do you mean by uploading and downloading?

4. Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) Why are I/O instructions used?
- (ii) What is an interrupt? How is it generated?
- (iii) How can antivirus protect a computer from virus?
- (iv) Define data security.
- (v) How does boot sector virus damages a computer?
- (vi) Define event in windows operating system.
- (vii) What is print queue in windows?
- (viii) How does insert mode differ from overtype mode?
- (ix) What is font in Ms Word?

Section ----- II

Note: Attempt any three questions. (8 × 3 = 24)

- 5. What is display screen? Discuss different features of display screen.
- 6. What is Bus topology? Explain its working with diagram. Discuss its advantages and disadvantages.
- 7. Define Guided Media. Explain Twisted Pair Cable and Fiber Optic Cable in detail.
- 8. Explain different components of computer architecture?
- 9. What is CPU register? Discuss different types of general purpose registers.

1128 -- 1123 -- 20000

1122 Warning:- Please write your Roll No. in the space provided and sign. Roll No-----
(Inter Part – I) (Session 2018-20 to 2021-23) Sig. of Student -----

Computer Science (Objective)

540-22

Paper (I)

Time Allowed:- 20 minutes

PAPER CODE 2831

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. Write PAPER CODE, which is printed on this question paper, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or white correcting fluid is not allowed.

Q. 1

- 1) Which key removes the character to the left side of the cursor?
(A) Delete (B) Alt (C) Backspace (D) Tab
- 2) VGA supports how many colors?
(A) 256 (B) 2048 (C) 1024 (D) 16.7 million
- 3) Two different networks can be connected by using a:
(A) Hub (B) Bridge (C) Gateway (D) Switch
- 4) The bottom layer of OSI model is called:
(A) Physical (B) Session (C) Application (D) Transport
- 5) How many characters 16 Bit Unicode can represent?
(A) 65000 (B) 256 (C) 250 (D) 65536
- 6) The process of converting Analog signal into Digital signal is called:
(A) Demodulation (B) Modulation (C) Conversion (D) Merging
- 7) The process of manufacturing products with the help of computers:
(A) CAM (B) CAD (C) ATM (D) MICR
- 8) Which one is faster?
(A) Register (B) RAM (C) Cache (D) Hard disc
- 9) Which of the following is not high Level language?
(A) JAVA (B) C++ (C) Assembly (D) Basic
- 10) An important characteristic of RAM is that it is:
(A) Volatile (B) Non-Volatile (C) Read only (D) Write only
- 11) This is not a biometric technique?
(A) Retina (B) Badge (C) Face (D) Palm Print
- 12) Windows operating system was developed by:
(A) Sun system (B) IBM (C) IEEE (D) Microsoft
- 13) Short cut key to save a file in MS Word is:
(A) Ctrl+S (B) Ctrl+C (C) Ctrl+x (D) Ctrl+V
- 14) The extension of MS Excel is:
(A) .jpg (B) .doc (C) .xls (D) .exe
- 15) A collection of millions of computers connected to one another is called:
(A) Internet (B) Web browser (C) LAN (D) Intranet

1123 -- 1122 -- 27000 (1)

1122 (Inter Part - I) Warning:- Please, do not write anything on this question paper except your Roll No.
Computer Science (Subjective) (Session 2018-20 to 2021-23) Paper (I)

Time Allowed: 2.10 hours

Maximum Marks: 60

Section ----- I

2. Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) Write any two applications of information Technology. (ii) What is the purpose of central processing unit?
- (iii) Differentiate between data and information. (iv) Enlist two pointing devices
- (v) How does Bus topology work? (vi) What are De-jure standard?
- (vii) Write a short note on session layer. (viii) How does “cut” and “copy” commands work?
- (ix) List any two options of “Alignment” in MS-word

3. Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) What is signal? (ii) How is data transmitted in asynchronous transmission?
- (iii) Define modulation. (iv) Why SRAM uses less power than DRAM?
- (v) What is Interrupt? (vi) Elaborate the concept of memory buffer register.
- (vii) Differentiate between source code and object code. (viii) Define spreadsheet.
- (ix) What do you know about Functions in spreadsheet?

4. Answer briefly any Six parts from the followings:-

6 × 2 = 12

- (i) How computers are useful in Banks. (ii) How can you describe E-Commerce?
- (iii) What is meant by Computer Simulation? (iv) How can you safeguard against computer viruses?
- (v) What do you know about privacy issue? (vi) Describe GUI operating system?
- (vii) Define the term MultiProcessing? (viii) What is IP addressing?
- (ix) Explain the concept of Search Engine?

Section ----- II

Note: Attempt any three questions.

(8 × 3 = 24)

5. What is Software? Explain the classification of Software.
6. What is network protocol? Explain Ethernet and Token Ring.
7. Define data communication. Discuss its different components.
8. Define operating system. Explain any six functions of operating system.
9. How virus is harmful for a computer system? Discuss any three causes of virus spread.

1121 Warning:- Please write your Roll No. in the space provided and sign. Roll No-----
(Inter Part – I) (Session 2017-19 to 2020-22) Sig. of Student -----

Computer Science (Objective)

540-91-21

Paper (I)

Time Allowed:- 20 minutes

PAPER CODE 2831

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. Write PAPER CODE, which is printed on this question paper, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or white correcting fluid is not allowed.

Q. 1

- 1) CPU is an example of
(A) Software (B) Language (C) Hardware (D) Program
- 2) Coding is also called
(A) Evaluating (B) Programming (C) Installing (D) Testing
- 3) The act of listening to the medium for a message is called
(A) Contention (B) Carrier sensing (C) Transparency (D) Collisions
- 4) Route determination can be identified by _____ Layer.
(A) Presentation (B) Application (C) Network (D) Transport
- 5) Sound, light and radio waves are examples of _____ signal.
(A) Analog (B) Digital (C) Simple (D) Strong
- 6) Which communication medium requires line-of-sight?
(A) Fiber optic (B) Coaxial (C) Twisted pair (D) Microwave
- 7) Electronic banking is also known as
(A) Offline banking (B) Interactive banking (C) Cyber banking (D) Global banking
- 8) Which of the following has faster speed?
(A) Hard disk (B) SRAM (C) DRAM (D) Floppy disk
- 9) Which of the following is not a type of memory?
(A) DRAM (B) SRAM (C) ROM (D) FROM
- 10) The right of a person to keep his personal data away from others is called
(A) Privacy (B) Private (C) Secre (D) Right
- 11) Windows manages the file and folder by
(A) Control panel (B) Windows (C) Windows Explorer (D) Internet Explorer
Accessories
- 12) Software can be removed/installed through.
(A) Installer (B) Control panel (C) Debugger (D) Taskbar
- 13) The Key that is used to delete a character to the left of cursor is
(A) Backspace (B) Del (C) Home (D) End
- 14) Which of the following is a correct formula?
(A) + A1 and A4 (B) = A1 & A4 (C) + D1 . D4 (D) = D1 +D4
- 15) A domain name is the text version of
(A) Hyperlink (B) IP address (C) Hypertext (D) HTML

1151A -- 1121 ALP -- 21000 (1)

1121 (Inter Part - I) Warning:- Please, do not write anything on this question paper except your Roll No.
Computer Science (Subjective) (Session 2017-19 to 2020-22) Paper (I)
Time Allowed: 2.10 hours Maximum Marks: 60

Section ----- I

2. Answer briefly any Six parts from the followings:- **540-21** $6 \times 2 = 12$
- (i) Define feasibility study. (ii) Convert 240 MB of memory in bytes and kilo-bytes?
- (iii) What is the use of output devices? (iv) What is packaged software?
- (v) What is workgroup computing? (vi) What is Intranet?
- (vii) What is the purpose of application layer? (viii) What is the disadvantage of microwave system?
- (ix) What is digital signal?

3. Answer briefly any Six parts from the followings:- $6 \times 2 = 12$

- (i) Define Electronic Banking. (ii) What is Simulation?
- (iii) How message handling systems are different from Document management system?
- (iv) What is control unit of CPU? (v) Why Ram is used in computer?
- (vi) Describe DMA with respect to I/O unit. (vii) What is stack pointer register?
- (viii) Define Redlof virus. (ix) How computer authorizes a person by "What you know" approach?

4. Answer briefly any Six parts from the followings:- $6 \times 2 = 12$

- (i) Write two purposes of an operating system. (ii) Give three examples of GUI operating systems.
- (iii) What is advantage of multiprocessing? (iv) What is the use of word processor?
- (v) Define page margins and page size in word-processor. (vi) What is WYSIWYG?
- (vii) What is spreadsheet program? (viii) What is the use of formula in MS-Excel?
- (ix) Define cell.

Section ----- II

Note: Attempt any three questions.

$(8 \times 3 = 24)$

5. Define Network Topology. Explain the working of Bus topology along with diagram.
6. Explain different data types used in computer. (Any Four)
7. Define bus interconnection. Explain three categories of system bus.
8. What is data security? Explain any six safeguards against security violations.
9. Explain E-mail and Newsgroups?