

Sign. Dy. Supdnt.

Fictitious Roll No. (For Office Use)

Sign. Candidate

**Computer Science (INTERMEDIATE)**

(PART - I) (\*\*\*\*)

019/1

Marks : 15

Time : 20 Minutes

(OBJECTIVE PART)

Note:- Write your Roll No. in space provided. Over writing, cutting, using of lead pencil

will result in loss of marks. All questions are to be attempted.

1- Each question has four possible answers, Tick (✓) the correct answer. (15)

1	To get the current date following function is used;			
A	= Day ( )	B	= Today ( )	C = Today (A1) D = TD ( )
2	In 32-bit IP addressing scheme the value of address ranging from;			
A	0 to 31	B	0 to 127	C 0 to 255 D Unlimited
3	Which of the following device read pointed characters and converts them into digital code;			
A	OMR	B	OCR	C VCR D MICR
4	The last stage of SDLC is;			
A	System Development	B	System Implementation	C System Maintenance D Execution in Computer
5	In which of the topology if the central device failed the entire network breakdown;			
A	Star	B	Mesh	C Tree D Bus
6	The flow control and error control is the responsibility of;			
A	Transport layer	B	Network layer	C Data link layer D Physical layer
7	A signal is a representation of;			
A	Light wave	B	Heat wave	C Sun wave D Full wave
8	The height of wave within the given period of time is called;			
A	Frequency	B	Amplitude	C Signal D Light
9	CAL stands for;			
A	Computer Addition Learning	B	Computer Assist Learning	C Computer Auto Learning D Computer Aided Learning
10	Which one of the following handles processor communications with peripherals;			
A	ALU	B	CU	C I/o Unit D Bus Interconnection
11	All of the following are functions of operating system except;			
A	Read data from input devices	B	Show result on the output devices	C Memory management D Conversion of source code into object code
12	During transmission the contents of the data are changed by using technique;			
A	Changing	B	Encryption	C Biometric D Private data
13	Most of the computer crimes are committed by;			
A	Outsiders	B	Insiders	C Computer Experts D Computer programmer
14	In Microsoft Windows files are recognized through their;			
A	Name	B	Extension	C Size D Type
15	Adding the text on top margin of the page in word processor we use;			
A	Header	B	Footer	C Headnotes D Footnotes

(The End)

Note:- Attempt any Eighteen (18) short questions in all selecting six from

Q. 2 , Q. 3 and Q. 4.

(18 x 2 = 36)

**SECTION - I**

2- Write short answers of any six parts.

(2 x 6 = 12)

i	What is QWERTY keyboard?	ii	Define light pen.
iii	Discuss the role of OMR.	iv	What is Difference between softcopy and hardcopy output?
v	Define collaborative computing.	vi	Discuss the concept of Global village.
vii	What is Network Topology?	viii	Why IP Address is used?
ix	Define URL.		

3- Write short answers of any six parts.

(2 x 6 = 12)

i	What is meant by data encoding?	ii	What is simplex data communication mode?
iii	How parallel data transmission work?	iv	What is e-banking?
v	Define Reprographics.	vi	What is text alignment in MS-Word?
vii	Define font and it's use.	viii	What is meant by spread sheet?
ix	Define the purpose of cell in Excel.		

4- Write short answers of any six parts.

(2 x 6 = 12)

i	Define computer Architecture.	ii	Describe the function of ALU.
iii	Define ROM.	iv	Define computer Bus.
v	Define low level language, give two examples.	vi	List down any two causes of viruses.
vii	What is meant by encryption?	viii	Define clipboard.
ix	Why we use Recycle Bin?		

**SECTION - II**

Note:- Attempt any three questions.

(8 x 3 = 24)

- 5- Discuss Laser, Inkjet and thermal printers in detail. (08)
- 6- Explain different devices used to connect networks of computers. (08)
- 7- What is encoding of data? Explain three different encoding schemes used in computers? (08)
- 8- Discuss different types of Buses in computer. (08)
- 9- Define security threat. Explain any 03 solutions to these threats. (08)

(The End)