Fic No. _____

حال میں موبائل فون لانا بالکل منع ہے

Fic No. _____

Total Time : 3:00 Hrs.

Computer Science(Part-I)

(New Course)

Total Marks : 75

NOTE : There are THREE sections in this paper i.e. Section A, B and C.

Time : 20 Mins.

"Section - A"

Marks : 15

Note: Attempt all parts of Section – A. Section –A must be return to the superintendent after 20 minutes even if you have not attempted any question. Overwriting/ defacing/Cutting etc is prohibited in Section-A and no credit will be given to such answer.

Write the correct option i.e. A/B/C/D in the empty boxes.

i. _____ Software operate and control the computer system.
   (A)Free ware   (B)Shareware   (C)System software (D)Application software

ii. _____ is not a portable computer .
   (A)Laptop   (B)PDA   (C)Notebook   (D)Main frame

iii. The distance between the pixels on the monitor is called _____.
   (A)Size   (B)Resolution   (C)Dot Pitch   (D)Refresh rate

iv. Which of the following is not an input device _____.
   (A)Mouse   (B)Scanner   (C)Digital camera (D)Speaker

v. The output produced by printers in known as _____.
   (A)Hardcopy output (B)Soft copy output   (C)Plain output   (D)Rough output

vi. How much is 1 Mega Byte Memory equal to _____
   (A)1024 K Bytes   (B)1000 K Bytes   (C)1024 K bits   (D)1024 G Bytes

vii. Which of the following is volatile Memory _____.
   (A)RAM   (B)ROM   (C)PROM   (D)EEPROM

viii. _____ is a small memory device available in the CPU to star date temporarily.
   (A)CU   (B)ALU   (C)Register   (D)BUS

ix. Which of the following is the firmware built into the computer system _____.
   (A)Slot   (B)RAM   (C)Port   (D)BIOS

x. In which communication mode data can be sent ad receive in both direction but not at the same time _____.
   (A)Simplex   (B)Full duplex   (C)Half duplex   (D)Duplex

xi. _____ is set of rupees that governs date communication.
   (A)Message   (B)Sender   (C)Medium   (D)Protocol

xii. In _____ topology, each mode (Computer, server, peripheral etc) attaches to a common cable.
   (A)Star   (B)Tree   (C)Ring   (D)Mesh

xiii. The GPS system consists of _____ statistics.
   (A)20   (B)22   (C)24   (D)25

xiv. A row in a table is also known as _____.
   (A)Column   (B)Relation   (C)Tuple   (D)Field

xv. In Rational terminology, an attribute is also called _____.
   (A)A record   (B)an entity   (C)a field   (D)a table

COMPUTER SCIENCE- I

(NEW COURSE)

Note: Time allowed for section B and C is 2 hours and 40 minutes.

SECTION "B" 　　　　　　　　　Marks: 36

I. 　Attempt any NINE Parts out of the following. Each Part carries equal marks.

　i. 　How application software help user?

　ii. 　What is licensed software?

　iii. 　Differentiate between DRAM and SRAM.

　iv. 　What is computer memory?

　v. 　What is micro processor?

　vi. 　What is the function of ALU in the computer?

　vii. 　Differentiate between a port and a slot?

　viii. 　What is CPU?

　ix. 　Differentiate between LAN and WAN?

　x. 　What is OSI model?

　xi. 　What is Hotspot?

　xii. 　What is the role of DBA?

SECTION "C" 　　　　　　　　　Marks: 24

Note: Attempt any THREE questions of the following. Each question carries equal Marks.

II. 　Define input and output. Briefly explain any 2 input and 2 output devices.

III. 　What is a system bus? Explain different types of buses used in computers.

IV. 　Write notes on switch, router and gateway..

V. 　Write short notes on any two of the following:
　　　(a) Primary key and foreign key
　　　(b) Global positioning system (GPS)
　　　(c) Star topology