

Seat
No.

--	--	--	--	--	--



April-2013

कक्ष - 012

COMPUTER SCIENCE PAPER - I (NEW) -UG-CS - 111

Basics of Computer

P. Pages : 2

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figures to the right indicate full marks.
6. Draw neat diagram whenever necessary.

1. Attempt **any eight**.

8

- a) Media player is a
 - i) System software.
 - ii) Application software.
 - iii) Antivirus.
 - iv) None of these.
- b) List input devices of computer.
- c) Unit of measurement of computers CPU Speed ?
- d) Operating system manages-
 - i) Memory
 - ii) Processor
 - iii) I/o device
 - iv) All of the above.
- e) The file system 'NTFS' stands for-
 - i) New Type file system.
 - ii) Never Terminated file system.
 - iii) New technology file system.
 - iv) Non terminal file system.
- f) The total number of class of IP address are-
 - i) Three
 - ii) Four
 - iii) Five
 - iv) Nine
- g) MAN stands for
- h) Gutter position can be set in the following position in MS-Word.
 - i) Left & right
 - ii) Left & Top
 - iii) Left & Bottom
 - iv) Left only.
- i) The output quality of printer is measured by
- j) Which command list the contents of current directory of disk-
 - i) Copy
 - ii) Tree
 - iii) CD
 - iv) Dir.

2. Attempt **any four** (each carry two marks). 8
- Enlist search engines and web browsers.
 - Explain DOS commands
 - md
 - Copy
 - Define system software ? List system softwares.
 - Define :
 - Firmware
 - Compiler.
 - What is booting ?
 - Explain properties of algorithm.
3. Attempt **any two** (each carry 4 marks). 8
- Write short note on "Time shairing operating system" ?
 - Describe in brief working of internet.
 - What is memory ? Differentiate RAM and ROM.
4. a) Attempt **any two** (each any three marks). 6
- What is operating system ? Explain the functions of operating system.
 - What is LAN ? Explain components and advantages.
 - Explain plotter in detail.
- b) Compulsory question of two marks. 2
What is Antivirus ? Enlist the names of antivirus ?
5. Attempt **any one**. 8
- Explain features and functions of Linux operating system. Explain - shell commands - Cat and wc. 8
- OR**
- Write an algorithm for sum of following series. 4

$$\frac{1}{1} + \frac{2}{8} + \frac{3}{27} + \dots \dots \dots N \text{ terms.}$$
 - Draw a flow chart to find the reverse of given no. 4
