

[A-15]

SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY V.V.NAGAR

S.YB.Sc. Sem-3 (NC) EXAMINATION (2010 Batch)

SUB. CODE:-US03EELE01

SUB: Fundamentals of Computer Hardware

DATE:-29/11/2018/Thursday TIME:-02:00 pm to 04:00 pm

MARKS-70

Q-1 Choose correct answer

[10]

1. Human Language converted to Computer Language by _____
(A) Control Unit (C) Input Unit
(B) CPU (D) ALU
2. Conversion of Computer Coded Language into Human Acceptable form is done by _____
(A) Input Unit (C) ALU
(B) Output Unit (D) Storage Unit
3. _____ is an example of magnetic storage device.
(A) DVD ROM (C) CD Memory
(B) Flash Memory (D) Hard Disk
4. Diskettes spin at about _____ RPM
(A) 300 (C) 30
(B) 3 (D) 3000
5. The process of mapping a magnetic disk surface is called _____
(A) Scanning (C) Accessing
(B) Formatting (D) Charging
6. CD Drive reads data by focussing _____ on the disk surface.
(A) Microprocessor (C) Flash
(B) Head (D) Laser
7. _____ is not a modifier key.
(A) Shift (C) Backspace.
(B) Ctrl (D) ALT.
8. Racing game controller is a variation of _____
(A) Mouse (C) Gamepad
(B) Joystick (D) TrackBall.
9. Size of monitor is measured _____
(A) Horizontally (C) Diagonally
(B) Vertically (D) none of above
10. Colour Inkjet Printer is also known as _____ Printer.
(A) Two Colour (C) NonImpact
(B) CM YK (D) None of these

Q-2 Short answer type question. (any ten)

[20]

1. List computer for individuals.
2. State five basic operations performed by any computer system.
3. Define sequential access device and give its example
4. Explain Seek and Latency Time.
5. Explain Flash Memory.
6. List different types of registers used in computer.
7. Explain mechanical mouse.
8. Write a note on digital camera.
9. Write a note on digital barcode reader.
10. Explain monitor and state its types.
11. Give classification of printers.
12. Explain Dot Pitch

(1)

(P.T.O.)

- Q.3 Draw the block diagram showing basic organization of computer system & Explain function of each block [10]
- OR
- Q.3 Explain fixed and variable word length storage. [10]
- Q.4 List different Optical Storage Devices and explain in detail any one. [10]
- OR
- Q.4 Write a note on Magnetic tape [10]
- Q.5 What is mouse? Explain it in brief. [10]
- OR
- Q.5 List different types of keys on keyboard and explain each in detail [10]
- Q.6 (A) Write a note on Laser Printer [05]
(B) Explain in detail one Impact type of Printer. [05]
- OR
- Q.6 Explain CRT monitors in brief. [10]

— X —
②