JAX-003-1021001   Seat No. _____

P. G. D. C. A. (Sem. I) (CBCS) Examination

December – 2019

CS - 01 : Computer Fundamentals & Emerging Technology

Faculty Code : 003
Subject Code : 1021001

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1 (a) Answer the following in one sentence :   4
  (1) What is computer ?
  (2) Full form of CPU is _____.
  (3) What is RAM ?
  (4) What is ROM ?

  (b) Answer the following : (any **one**)   2
  (1) Explain CPU.
  (2) Explain UPS.

  (c) Answer the following : (any **one**)   3
  (1) Explain Graphics Card.
  (2) Explain Motherboard.

  (d) Answer the following : (any **one**)   5
  (1) Explain characteristics of computer.
  (2) Explain block diagram of computer.

2 (a) Answer the following in one sentence :   4
  (1) List of input device.
  (2) List of output device.
  (3) Full form of OCR is _____.
  (4) What is seek time ?

(b) Answer the following : (any **one**)   2

    (1) Explain Scanner.

    (2) Explain Keyboard.

(c) Answer the following : (any **one**)   3

    (1) Explain CD and DVD.

    (2) Explain cloud storage.

(d) Answer the following : (any **one**)   5

    (1) Explain input device in detail.

    (2) Explain storage mechanism of magnetic storage device.

3 (a) Answer the following in one sentence :   4

    (1) What is Monitor ?

    (2) What is OLED ?

    (3) Explain SGD in short.

    (4) Explain PDP in short.

(b) Answer the following : (any **one**)   2

    (1) Explain Monitor.

    (2) Explain Fax.

(c) Answer the following : (any **one**)   3

    (1) Explain SGD.

    (2) Explain Plotter.

(d) Answer the following : (any **one**)   5

    (1) Explain OLED, COM and Google Glass.

    (2) What is Printer ? Explain non Impact Printer in detail.

4 (a) Answer the following in one sentence :   4

    (1) What is BIT ?

    (2) What is Compiler ?

    (3) What is Nibble ?

    (4) What is BCD Code ?

(b) Answer the following : (any **one**) 2

    (1) Explain computer language.

    (2) Explain number system.

(c) Answer the following : (any **one**) 3

    (1) Explain OS in detail

    (2) Explain 2's complement.

(d) Answer the following : (any **one**) 5

    (1) Explain software packages.

    (2) Explain types of OS.

5 (a) Answer the following in one sentence : 4

    (1) What is LIFI ?

    (2) What is Virus ?

    (3) What is Cell Phone ?

    (4) What is GPS ?

(b) Answer the following : (any **one**) 2

    (1) Explain GSM.

    (2) Explain GIS.

(c) Answer the following : (any **one**) 3

    (1) Explain Architecture of Cloud computing.

    (2) Explain Optical Fiber.

(d) Answer the following : (any **one**) 5

    (1) What is Virus ? Explain all types of Virus.

    (2) Explain GPS.

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