

B.C.A Semester - 1 (CBCS) Examination
Jan/Feb.-2022 (OLD COURSE)

COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY(CORE)

Time: 1:30 Hours

Marks: 42

Instructions:

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

-
- Q.1(A) Attempt following questions. (04)**
1. ALU stands for _____
 2. UPS Stands For _____
 3. CPU Stands For _____
 4. ENIAC Stands for _____
- Q.1(B) Attempt following questions. (Any one) (02)**
1. What is Analog computer?
 2. What is Digital computer?
- Q.1(C) Attempt following questions. (Any one) (03)**
1. Explain characteristics of computer.
 2. Explain Hybrid Computer.
- Q.1(D) Attempt following questions. (Any one) (05)**
1. Explain generation of computer.
 2. Explain classification of computer by processing capabilities.
- Q.2(A) Attempt following questions. (04)**
1. OCR Stands for _____
 2. MICR Stands For _____
 3. COM Stands for _____
 4. POS Stands for _____
- Q.2(B) Attempt following questions. (Any one) (02)**
1. Explain headphone.
 2. Explain OMR.
- Q.2(C) Attempt following questions. (Any one) (03)**
1. Explain MIDI.
 2. Explain Magnetic tape.
- Q.2(D) Attempt following questions. (Any one) (05)**
1. Explain Track, Sector and cylinder.
 2. Explain USB.
- Q.3(A) Attempt following questions. (04)**
1. LCD Stands for _____
 2. LED Stands for _____
 3. SGD Stands for _____
 4. OLED Stands for _____
- Q.3(B) Attempt following questions. (Any one) (02)**
1. What is CRT?
 2. What is Non CRT?
- Q.3(C) Attempt following questions. (Any one) (03)**
1. Explain google glass.
 2. Explain Fascimile.

- Q.3(D) **Attempt following questions. (Any one)** (05)
1. Explain Impact printer.
 2. Explain non – impact printer.
- Q.4(A) **Attempt following questions.** (04)
1. What is bit?
 2. What is nibble?
 3. MB Stands for _____
 4. GB Stands for _____
- Q.4(B) **Attempt following questions. (Any one)** (02)
1. $123_{(10)} = \text{_____}_{(2)}$
 2. $234_{(10)} = \text{_____}_{(2)}$
- Q.4(C) **Attempt following questions. (Any one)** (03)
1. Explain Assembly level language.
 2. Explain High level language.
- Q.4(D) **Attempt following questions. (Any one)** (05)
1. Explain difference between compiler and interpreter.
 2. Explain types of operating system.
- Q.5(A) **Attempt following questions.** (04)
1. GPS Stands for _____
 2. GIS Stands for _____
 3. GUI Stands for _____
 4. ATM stands for _____
- Q.5(B) **Attempt following questions. (Any one)** (02)
1. What is WiFi?
 2. What is LiFi?
- Q.5(C) **Attempt following questions. (Any one)** (03)
1. Explain SLM.
 2. Explain types of virus.
- Q.5(D) **Attempt following questions. (Any one)** (05)
1. What is cloud computing? Explain it.
 2. Explain security and privacy of cloud computing.
