

P.G.D.C.A Semester - 1 (CBCS) Examination**Oct/Nov. -2018****COMPUTER FUNDAMENTALS & EMERGING TECHNOLOGY(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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| Q-1(A) | Give the answers of following questions | (04) |
| | (1) Full Form of ALU. | |
| | (2) Full form of CPU. | |
| | (3) What is the Full form of RAM? | |
| | (4) List types of cable. | |
| Q-1(B) | Attempt the following (Any One) | (02) |
| | (1) Explain data processing cycle. | |
| | (2) What is Graphics Card? | |
| Q-1(C) | Attempt the following (Any One) | (03) |
| | (1) Explain Analog and Digital Computers. | |
| | (2) Define ROM, EPROM and EEPROM. | |
| Q-1(D) | Attempt the following (Any One) | (05) |
| | (1) Explain Generation of computer. | |
| | (2) Explain RAM in detail. | |
| Q-2(A) | Give the answers of following questions | (04) |
| | (1) Full form of OCR. | |
| | (2) Full form of DVD. | |
| | (3) What is mouse? | |
| | (4) List any four Input devices. | |
| Q-2(B) | Attempt the following (Any One) | (02) |
| | (1) What is OMR? | |
| | (2) Explain HDD. | |
| Q-2(C) | Attempt the following (Any One) | (03) |
| | (1) Explain Wireless Devices. | |
| | (2) Explain Storage devices (USB,CD and DVD) | |
| Q-2(D) | Attempt the following (Any One) | (05) |
| | (1) Explain Cloud storage with Google drive. | |
| | (2) Write short note on Touch Screen. | |
| Q-3(A) | Give the answers of following questions | (04) |
| | (1) Full form of CRT | |
| | (2) Full from of SGD | |
| | (3) Full form of DPI | |
| | (4) Full form of LED | |
| Q-3(B) | Attempt the following (Any One) | (02) |
| | (1) What pixels? | |
| | (2) What is Google glass? | |
| Q-3(C) | Attempt the following (Any One) | (03) |
| | (1) Write short note on LCD. | |
| | (2) Explain types of Printers. | |

- Q-3(D) Attempt the following (Any One) (05)
(1) Write Short note on Plotters
(2) Write Short note on LED.
- Q-4(A) Give the answers of following questions (04)
(1) What is bit?
(2) Full form of TB.
(3) List Types of Numbering System.
(4) 1024 KB = ____ MB.
- Q-4(B) Attempt the following (Any One) (02)
(1) What is translator? Explain
(2) What is BCD?
- Q-4(C) Attempt the following (Any One) (03)
(1) What is machine level language?
(2) Explain presentation and Database Application software packages.
- Q-4(D) Attempt the following (Any One) (05)
(1) Explain any two types of OS.
(2) What is animation, video and sound packages.
- Q-5(A) Give the answers of following questions (04)
(1) Full form of GPS.
(2) Full form of GSM.
(3) Full form of GIS.
(4) Full form of SLM.
- Q-5(B) Attempt the following (Any One) (02)
(1) What is E-mail and attachment?
(2) What is VIRUS?
- Q-5(C) Attempt the following (Any One) (03)
(1) What is ATM? Explain in detail.
(2) What is modem? Discuss with its types.
- Q-5(D) Attempt the following (Any One) (05)
(1) Write note on Cloud Computing in detail.
(2) Explain compiler and its types.
