

Question Code : DC513

**State Council for Open and Lifelong Education Kerala**

**Diploma in Computer Application Examination**

**May 2021**

**Subject: DC 01 INFORMATICS**

Time: 2 ½ hrs

Max. Marks: 100

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**SECTION: I**

(Answer ALL questions)

(6 x 1 = 6)

1. First electronic computer is .....
2. .... is a set of connections between two or more components/devices
3. MICR stands for .....
4. .... is a translator programme, which translates program written in high level language in to its equivalent machine language program
5. B2B stands for
6. .... is a small piece of program sent from some website and stores in web browser

## SECTION: II

(Answer ALL questions)

(5 x 1 = 5)

7. A set of programs designed to control and manage a computer system is called
- (A) Application software      (B) System software      (C) Translator      (D) DBMS
8. Touch screen is a
- (A) Character input device      (B) Graphic input device      (C) Scanning device  
(D) Vision based device
9. Pick up the odd one out
- (A) Joystick      (B) Scanner      (C) Microphone      (D) Dot matrix printer
10. Which among the following is the fastest memory?
- (A) Register      (B) USB stick      (C) SDRAM      (D) L 1 cache
11. An example of pointing device
- (A) MICR      (B) Key board      (C) Joystickr      (D) Mouse

## SECTION: III

(Answer ALL questions)

(10 x 2 = 20)

12. Define information
13. What is the use of expansion slots in a computer mother board?
14. What is SDRAM?
15. What is an Optical Disk?

16. List any two data scanning devices
17. Define interpreter
18. List any two application software
19. Define computer program
20. What is software piracy?
21. What do you mean by single user operating system?

#### **SECTION: IV**

(Answer any **NINE**)

(9 x 5 = 45)

22. Explain data processing with a neat diagram
23. List the characteristics of a computer
24. List the features of fourth generation computers
25. Explain the components of CPU
26. Draw the cache organization of a computer
27. Differentiate CDROM, DVD and Blue Ray Disk
28. Write short notes on optical mark reader and barcode reader
29. Distinguish a compiler and interpreter
30. List and explain the different freedom offered by free software
31. List the different application of IT

**SECTION: V**

(Answer any **THREE**)

(3 x 8 = 24)

32. Explain the functional units of a computer with a neat block diagram
33. Explain the characteristics of a computer
34. Explain different types of e-commerce models
35. Explain the classification of printers

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