



**SCOLE-KERALA**  
**DCA - Examination - May 2018**  
**Subject: DC 01. INFORMATICS**

Time: 2½ hrs.

Max. Marks: 100

**SECTION I**

(Answer all questions)

6 x 1 = 6

1. The arranged and meaningful form of data is called \_\_\_\_\_.
2. One byte is \_\_\_\_\_ bits.
3. ENIAC stands for \_\_\_\_\_.
4. The most common layout of a keyboard is \_\_\_\_\_.
5. MICR stands for \_\_\_\_\_.
6. In a \_\_\_\_\_ Operating System, two or more users can use a computer at a time.

**SECTION II**

(Answer all questions)

5 x 1 = 5

7. What was the main component of third generation computers?
 

a. Integrated Circuit chips	b. Vacuum tubes
c. Transistors	d. None of these
8. \_\_\_\_\_ is an example for output device.
 

a. MICR	b. Light pen
c. Joystick	d. Monitor
9. Pick the odd one out.
 

a. Windows	b. MS Office
c. UNIX	d. DOS
10. Which one of the following is an example of secondary storage device?
 

a. RAM	b. ROM
c. Hard Disk	d. Register
11. \_\_\_\_\_ is an example of single user operating system. a. Windows 2012 b. UNIX c. GNU/Linux d. MS-DOS

**SECTION III**

(Answer all questions)

10 x 2 = 20

12. What is register?
13. What is the function of input unit?
14. Define data.
15. Define computer program.
16. What is EEPROM? s

17. What is 4GL?
18. What is an assembler?
19. List any four graphical input devices.
20. What is e-Governance?
21. Define m-Commerce.

#### SECTION IV

(Answer any nine questions)

9 x 5 = 45

22. Explain the characteristics of a computer.
23. How data is represented inside a computer?
24. Distinguish between sequential access devices and direct access devices.
25. Distinguish between RAM and ROM.
26. What are the advantages and limitations of high level languages?
27. Differentiate between Compiler and Interpreter.
28. Explain different types of e-Commerce model.
29. Write short notes on Malicious Software.
30. What are the application of computer in education?
31. Briefly describe laser printer.

#### SECTION V

(Answer any three questions)

3 x 8 = 24

32. Explain computer generations.
  33. Explain classification of computers according to their size and speed.
  34. What is an output device? Explain any three output device.
  35. Distinguish between System software and application software.
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