

Sahaj Adhyayan (सहज अध्ययन)

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First Semester Examination 2021 – 22

Class : XI Science
Date : 17/01/2022

Subject : Information Technology

Marks : 50
Time : 2.30 to 4.30

Q.1 Fill in the blanks :

5

1. _____ is processed data.
2. OSS stands for _____.
3. _____ key uniquely identifies a record of a table.
4. IoT stands for _____.
5. _____ is the set of physical components that a computer system requires to function.

Q.2 State true or false :

5

1. MAN covers larger geographical area than that of a LAN.
2. A group of 4 bits is called a Byte.
3. Barcode reader is an output device.
4. Without data information cannot be processed.
5. DBMS increases application development and maintenance time.

Q.3 Select one correct answer :

10

1. A set of instructions given to the computer is known as a _____.
a) Hardware b) Software c) Memory d) Control unit
2. RDBMS stands for _____ Database Management System.
a) Relative b) Relational c) Rational d) Roman
3. Collection of tables is called as _____.
a) Database b) files c) Records d) Table
4. Internet is a _____ network connecting millions of computers.
a) Regional b) Global c) Local d) Traditional
5. Which is not a valid datatype ?
a) Graphic b) Date c) Number d) Text
6. Database has _____.
a) only one record b) Only single table c) One or many tables d) None of these
7. Which one is the output device ?
a) Barcode reader b) Keyboard c) Speaker d) Optical character reader
8. The word Computer is derived from a Latin word _____.
a) Calculate b) Computare c) Compute d) Count
9. _____ unit of CPU is responsible for coordinating tasks between all components of a computer system.
a) Memory b) Control c) Arithmetic & Logic d) Input device
10. 1024 Bytes = _____.
a) 1 MB b) 1 KB c) 1 GB d) 1 TB

Q.4 Select two correct answers :

10

1. _____ and _____ are examples of Input devices of computer.
a) MICR b) Speaker c) OCR d) Printer e) Plotter
2. _____ and _____ are examples of mobile operating system.

This Question paper shared by Mayur from Ahmednagar District. Thanks Mayur.

- a) Chrome b) Android c) DOS d) ASHA e) firefox
3. The valid relationship of DBMS is _____.
- a) one-to-one b) one-to-two c) two-to-one d) many-to-two
4. _____ and _____ are types of primary memory.
- a) Pen drive b) RAM c) Flash memory d) ROM
5. _____ and _____ are system softwares.
- a) Windows b) MS-Word c) Linux d) Tally

Q.5 Select three correct answers :

6

1. Which three are the valid operating systems for Personal Computers ?
- a) Blackberry b) Windows c) Linux d) Unix e) iOS
2. Which three are valid data types ?
- a) Text b) Numeric c) String d) Date e) Boolean

Q.6 Match the following :

4

- | A | B |
|----------------|----------------------------------------|
| 1. Primary key | a. database relationship |
| 2. One-to-one | b. Input device |
| 3. MICR | c. Volatile memory |
| 4. RAM | d. Uniquely identifies record of table |

Q.7 Answer briefly (any 5) :

10

- Give any four applications of DBMS.
- Differentiate between Data and Information.
- Define : i) Table ii) Primary key
- Write about any four operating systems for Mobile phones.
- Give advantages of DBMS .
- What is memory ? Explain its types.
- What is Software ? Explain its types.
- Explain LAN , MAN and WAN.
