



**Unit Test -I**

**Subject:-Information Technology**

**Class :-11<sup>th</sup> Sci**

**Date :-27/2/2020**

**Time:- 1.5hr**

**Total Marks:-25**

**Note :**

- (i) All questions are compulsory.
- (ii) Answer the questions after carefully reading the text.

**Q1. Fill in the Blanks** (Each question 1 mark) **(5 marks)**

1. The.....covers entire amount of operations which exploit IT for improving efficiency of an organization.
2. The...is the delivery of computing services over the internet.
3. DOS is abbreviation of Disk.....System.
4. The ....unit is the backbone of computer.
5. SAN stands for.....area network.

**Q2.State True or false.** (Each question 1 mark) **(4 Marks)**

1. ROM is permanent type of memory.
2. In open software, source code can be copied ,modified by other users.
3. After acquiring knowledge about DBMS one can work as database manager.
4. Artificial Intelligence is intelligence demonstrated by machines.

**Q3.Multiple choice question (Select One option)** (Each question 1 mark) **(4 Marks)**

1. Information Technology refers to hardware, software and....  
 a) wire                      b)Computer Network                      c)Router                      d)Switch
- 2.....Software is a set of instructions required for a computer to work.  
 a)System                      b)applications                      c)user                      d)client

3. The.....is the delivery of computing services over the internet.

- a)Machine learning                      b)Artificial Intelligence                      c)Cloud Computing                      d)IoT

4. GIS stands for....

- a)Graphical Information System                      b)Govern Information system.  
c)Geographic Information System                      d)Get Information System.

**Q4.Multiple choice question (Select two correct option) (Each question 2 mark)                      (4 Marks)**

1. Various career opportunities available for I.T. professions are...

- a) Data centers                      b)electronic publishing  
c)Cyber Advisor                      d)Software developer

2.Examples of Input Unit are...

- a)Keyboard                      b)Speaker                      c)OCR                      d)Monitor                      d)Printer

**Q5. Match the following.                      (2 Marks)**

**Column A**

**column B**

- |           |                       |
|-----------|-----------------------|
| 1)Android | a)Nokiya phones       |
| 3)Asha    | b)Open source         |
| 5)RAM     | c)Non-volatile memory |
| 6)ROM     | d)Volatile memory     |

**Q6. Answer in Brief. (any 3)                      (6 Marks)**

- Identify the following activity.
  - you are typing a letter using a computer and suddenly there is a power failure.
  - which type of memory does this activity deal ?
- What is data and information? Give examples of data and information.
- Explain functional units of a computer system.
- What is a storage unit ? Explain types of primary memory storage.
- Write short note on open source and closed source software.