ALPINE PUBLIC SCHOOL

SUBJECT- COMPUTER

CLASS-4

FORMATIVE ASSESSMENT-1

M.M.=20 Marks

Q1. Tick the correct option:- (1x5=5 Marks)

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is not a feature of smart healthcare system.

(a) Monitoring Patients [ ] (b) Increasing Healthcare cost [ ]

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ will help in preventing collisions and promoting smooth traffic flow.

(a) Smart Bins [ ] (b) Connected Cars [ ]

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a set of instructions that tells a computer to perform a specific task.

(a) Hardware [ ] (b) Software [ ]

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acts as an interface between the user and the hardware and enables them to work together.

(a) Operating System [ ] (b) Language Processor [ ]

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the process of recovering data in case of damage or accidental loss.

(a) Compression [ ] (b) Backup [ ]

Q2. Fill in the Blanks:- (5x1=5Marks)

1. Smart sensors allow cities to quickly identify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in pipes.

2. A combination of artificial intelligence technology and internet of things infrastructure is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. An\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ controls the overall activities of a computer.

4. There are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ types of language processors.

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is written by computer programmers using computer languages.

Q3. True/False:- (5x0.5=2.5 Marks)

1. Iot- based smart farming enables farmers to increase waste and production. [ ]

2. AIOT aims to make IOT operations more effective [ ]

3. You cannot touch software as you can do with hardware [ ]

4. System software is a set of programs, developed by programmers in order to perform specific tasks. [ ]

5. In a Smart city, air pollution cannot be examined in real-time [ ]

Q4. Write full forms of :- [ 3x0.5= 1.5Marks]

a. AIOT b. IOT C. RAM

Q6. Name any two IoT- Enabled devices that exist in a smart city: [2x0.5=1Marks]

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q5. Answer the following questions:- (5x1= 5Marks)

1. Define Iot.

2. Write any two features of smart cities.

3. Define Software.

4. Define Utility Software.

5. What is an operating system.