

Periodic Test - I (2024-25)
Subject - Informatics Practices (065)
Class -XI

Roll No.

Time: 2 hours.

MM - 50

General Instruction:

- All questions are compulsory.
- Question Paper has 5 questions.
- Each question contains 10 marks.

Python

10

- 1.**
- (a) Who developed python? **1**
- (b) What are the two modes of working in python? **2**
- (c) Write Full Form of followings: **3**
- i) ISP ii) ARPANET
- iii) Telnet iv) TCP/IP
- v) HTTP vi) MAC
- (d) Why python is known as Object-Oriented Programming Language? **4**

Subjective

40

- 2.**
- (a) Differentiate between RAM and ROM. **2**
- (b) Explain three types of input devices in detail. **2**
- (c) Explain with block diagram of functional unit of computer system. **3**
- (d) What is computer? Write its advantages and disadvantages. **3**
- 3.**
- (a) What is cache memory? **1**
- (b) What is memory? Explain secondary memory in short. **3**
- (c) Why do we need an operating system? **3**
- (d) What is Operating System? Explain its types. **3**
- 4.**
- (a) Classify transmission medium with explanation. **2**
- (b) Explain some common troubleshooting issues related to computer. **2**
- (c) Convert it: **3**
- i. $(156)_{10} = (?)_2$
- ii. $(111111)_2 = (?)_{10}$
- iii. $(100101)_2 = (?)_{10}$
- (d) Explain all three types of computer network. **3**
- 5.**
- (a) What is Digital Literacy? **1**
- (b) Explain any three types of communication network with area, dimension and example. **3**
- (c) What is topology? Explain at least two topologies in detail. **3**
- (d) Explain any three network devices in short. **3**

---Best of Luck---