

BUDHA DAL PUBLIC SCHOOL, PATIALA

FINAL TERM EXAMINATION (SESSION 2025-26)

CLASS VIII SUBJECT-COMPUTER

Time:1 Hour

Maximum Marks:25

Name: _____

Roll No: _____

Date: _____

Section: _____

General Instructions:

- ❖ All questions are compulsory.
- ❖ Question paper comprise of four parts.
- ❖ Marks indicates against each part.
- ❖ Writing should be neat and clean.

Q1. Multiple Choice Questions:

(5*1=5)

(i) Python has _____ loop control statements.

(a) one (b) two (c) three

(ii) _____ statement allows us to execute a statement or group of statements for multiple times.

(a) For (b) Loop (c) While

(iii) Hacking, forgery and defamation when done on the internet are the examples of _____

(a) Cyber police (b) Cybercrime (c) Computer ethics

(iv) _____ are robots that replicate human appearance.

(a) Disaster response (b) Humanoids (c) Drones

(v) Which field(s) can benefit from data science?

(a) Healthcare (b) Finance (c) Both

Q2. State True or False

(5*1=5)

(a) The continue statement makes the loop skip remainder of its loop body. ()

- (b) The while loop tests the condition before exciting the loop body. ()
- (c) You should acknowledge the authors of any work you reuse. ()
- (d) IPR are the rights given to persons over the creations of their minds. ()
- (e) Roomba is a consumer robot ()

Q3. Fill ups:

(5*1=5)

- (a) _____ are installed in the body of a robot work like the five senses of a human being.
- (b) _____ are used for physical rehabilitation and for enabling a paralyzed patient walk again.
- (c) The primary objective of data science is to extract relevant _____ from data.
- (d) Data visualization is the process of representing data in _____ formats.
- (e) _____ is used for bomb disposal, hazmat, search, reconnaissance and other dangerous missions.

Q4. Answer the following questions.

(5*2=10)

PART A

- (i) Into how many ways can a program be executed in Python ?

(ii) What is software piracy?

(iii) Explain the composition of a robot.

PART B-DATA SCIENCE

(i) What is the primary objective of data science?

(ii) Explain the importance of data visualization in data science.
