

PUNJAB-BOARD-CLASS-12-COMPUTER-APPLICATION-072-2025 Question Paper

Time Allowed :3 Hours	Maximum Marks :80	Total Questions :
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General Instructions

Read the following instructions very carefully and strictly follow them:

1. This question paper is for **Class XII** examination conducted by the **Punjab School Education Board (PSEB)**.
2. The duration of the examination is **3 hours**.
3. The question paper is divided into different sections according to the prescribed syllabus.
4. All questions are compulsory unless stated otherwise.
5. Use of calculators, mobile phones, smart watches, or any other electronic gadgets is **strictly prohibited** inside the examination hall.
6. Figures to the right of the questions indicate full marks.
7. Attempt the questions in the same sequence as given in the question paper.
8. Internal choices, wherever provided, should be attempted carefully.
9. Write your answers neatly and legibly in the answer sheet provided.
10. Draw neat and properly labelled diagrams wherever required.

Part A

1. (i) Any program consist of

- (A) keywords
- (B) identifier
- (C) tokens
- (D) operators

(ii) are the names given to program elements such as variable, function, class, list, tuples etc. for their identification.

- (A) keywords
- (B) identifier

- (C) tokens
- (D) operators

(iii) data type is used to represent the truth value of an expression.

- (A) Boolean
 - (B) float
 - (C) integer
 - (D) complex
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(iv) Looping flow control is also known as flow control.

- (A) branching
 - (B) iterative
 - (C) sequential
 - (D) decision making
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(v) String is there a data structure in Python that represents a sequence of characters.

- (A) alphabets
 - (B) ASCII
 - (C) Unicode
 - (D) None of these
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(vi) A value can be written using single, double or triple quotes in Python.

- (A) numeric
- (B) Boolean
- (C) string
- (D) real

(vii) means arrange the values in ascending or descending order.

- (A) Index
- (B) Slice
- (C) Sort
- (D) Traverse

2. (i) IP :

(ii) POP :

(iii) DDS :

(iv) SDLC :

(v) are small pieces of information the website can store in the user browser.

(vi) argument can be there in left function in MySQL.

(vii) COUNT() is an example of type of functions.

(viii) The method reverses the current order of the elements in the list.

Part B

3. What is spying?

4. Explain Grey Hat Hackers.

5. Describe network models.

6. Define Third Normal Form (3NF).

7. What are keywords?

8. What is the role of comments in a program?

9. Explain the concept of expression.

10. What is type conversion?

11. Which method is used to concatenate strings in Python?

12. What do you mean by tuple packing?

Part C

13. Explain types of network topologies.

OR

13. Explain any three unguided media in detail.

14. Explain disadvantages of software engineering.

OR

14. Explain stages of SDLC.

15. What is branching statement, explain any one branching statement with suitable example?

OR

15. What is looping, explain any one looping statement with suitable example?
