

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT)/MCA/PGDCA (2019 Batch) (Sem.-1)

**FUNDAMENTALS OF COMPUTER AND PROGRAMMING IN
PYTHON**

Subject Code : PGCA-1902

M.Code : 76972

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION - B & C. have FOUR questions each.
3. Attempt any FIVE questions from SECTION B & C carrying TEN marks each.
4. Select atleast TWO questions from SECTION - B & C.

SECTION-A

Q1. Explain the following :

- a) Hardware
- b) Port
- c) OCR
- d) Plotter
- e) Cache
- f) IoT
- g) Indentation
- h) Loops
- i) Scope
- j) Module

SECTION-B

Q2. What are various functional units of Computer? Explain.

Q3. Convert to binary

4678 6381910 1234510 ABCD16 FE96316

Q4. What is an operating system? Why it is termed as resource allocator?

Q5. What are various data types in Python? How the type conversion is done?

SECTION-C

Q6. Differentiate between built-in and user defined function.

Q7. Write a note on module reloading and standard modules.

Q8. How exceptions are defined in Python?

Q9. Explain the concept of OOPS in Python.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.