

Section-3

Ans Polymorphism in programming refers to implementation of a function in many forms based on the data type.

i) When call to a polymorphic function happens at the run-time, it is known as dynamic polymorphism.

ii) In static polymorphism method/function call takes place at the compile time, function overloading is static polymorphism.

Unpacking Sequence

When we take an example of list of strings.

```
list = ["abc", "xyz"]
```

```
var1, var2 = list
```

In the above example

"abc" is assigned to var1

"xyz" is assigned to var2

In this manner we can define unpacking sequence as assigning values from list to various variables.

tuple : A ordered collection of objects
known as a tuple

tuple = ('happy', 'quiz')

↳ tuple are enclosed in parenthesis
and they are immutable i.e.,
the values of tuple cannot change.