

(b) (i) Identify the object-oriented programming (OOP) term described as 'an occurrence of an object'.

..... [1]

(ii) Describe what is meant by the OOP term **polymorphism**.

.....
.....
.....
..... [2]

13 The pseudocode algorithm below uses random file access to copy 50 records from a live file `CurrentResults.dat` to a stored file `StoredResults.dat` one record at a time. It uses the user-defined type `StudentResult`.

```
TYPE StudentResult
  DECLARE LastName : STRING
  DECLARE FirstName : STRING
  DECLARE ExamGrade : STRING
ENDTYPE
```

If any grades are missing in `CurrentResults.dat`, the text "Missing grade" is added to the `ExamGrade` field in `StoredResults.dat`

Complete this file handling pseudocode algorithm.

```
DECLARE Grade : StudentResult
DECLARE Position : INTEGER
```

.....

```
OPENFILE "StoredResults.dat" FOR RANDOM
```

.....

```
  SEEK "CurrentResults.dat", Position
  GETRECORD "CurrentResults.dat", Grade
  IF Grade.ExamGrade = "" THEN
```

.....

```
  ENDIF
```

.....

.....

```
NEXT Position
CLOSEFILE "CurrentResults.dat"
CLOSEFILE "StoredResults.dat"
```