Examiner Report	
Qualification Name	Higher Education Qualification
Qualification Level	**Professional Graduate Diploma**
Date/ Series	April 2026
Module	**Programming Paradigms**

Question no.	**Comments**
A1	The most popular question on this year's paper, which was also relatively well answered. Most were able to clearly distinguish between imperative and declarative language paradigms, although in one or two cases the definitions were mixed up. In some cases, answers to the question comparing object-oriented and procedural paradigms were not quite as clear as they could have been, with some overlap of the points raised, and in some cases confusion as to the precise advantages and disadvantages of each (e.g., in terms of simplicity, suitability for large projects, reusability, etc). Most were able to discuss scripting languages, including highlighting some possible use-cases.
Question no.	**Comments**
A2	The second most popular question on this year's paper. Most were able to identify some steps involved in compilation and interpretation of source code, and to identify the pros and cons of each approach. In many cases, answers were rather convoluted, rather than more directly focussing on enumerating the advantages and disadvantages requested. In other cases, the advantages and disadvantages were listed but not explained, as requested in the question. Many were also able to explain advantages of hybrid approaches in terms of mitigating some of the disadvantages identified earlier in the question.
Question no.	**Comments**
A3	This question was not quite so well answered, showing a lack of familiarity with some core principles in object-oriented languages, coupled with a lack of clear code examples.

	In some cases, perhaps due to language familiarity, candidates were unable to provide a code example of multiple inheritance, although most were able to describe the potential drawbacks of this feature. There was also some confusion as to how we might interpret the term *message* in an object-oriented programming context.
Question no.	**Comments**
B4	Most successfully identified memory concerns as a potential drawback of recursion, whilst also highlighting the potential advantages of code simplicity when dealing with problems and data structures to which this approach is naturally suited. The following parts of the question, relating to total/partial and strict functions were mostly well answered, although fewer candidates seemed to be familiar with the concept of strict functions.
Question no.	**Comments**
B5	The least popular question on this year's paper, perhaps reflecting lower engagement with topics related to first order predicate logic and logic programming. However, those attempting this question did a good job at demonstrating an understanding of existential and universal quantification, existential and conjunctive queries, and the closed world assumption in logic programming.