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| **Programming** |  |  |  |
| **Practice 1** | **Practice 2** | **Practice 3** | **Practice 4** | **Practice 5** |
| **Program Design***Design Programs for a Purpose* | **Algorithm and Program Development***Develop and Implement Algorithms and Programs* | **Code Analysis***Analyze and Test Algorithms and Programs* | **Computing Innovations***Analyze Computing Innovations* | **Responsible Computing***Contribute to an Inclusive, Safe, Collaborative, and Ethical Computing Culture* |
| *MCQ, PT* | *MCQ, PT* | *MCQ, PT* | *MCQ, PT* | *Not assessed* |
| 1A. Analyze the situation, context or task 1B. Determine and design an appropriate method or approach to achieve the purpose 1C. Explain how collaboration affects the development of a solutions. 1D. Analyze and evaluate options  | 2A. Represent algorithmic processes to be implemented in a program.2B. Identify data input and sources2C. Implement an algorithm in a program. 2D. Use abstraction to manage complexity in a program.  | 3A. Explain how a code segment or program functions. 3B. Explain how abstraction manages complexity 3C. Determine the result of code segments 3D. Analyze algorithms for correctness.   | 4A. Explain how computing systems work 4B. Explain how knowledge can be generated from data.  4C. Describe the impact of a computing innovation.  4D. Describe the impact of gathering data. 4E. Evaluate the use of computing based on legal and ethical factors.  | 5A. Collaborate in the development of solutions 5B. Use safe and secure methods when using computers 5C. Acknowledge the intellectual property of others.  |