Q1: Complexity of the comparison-base sorting is inherently
( I ) Linear
( II ) Logarithmic
( III ) Quadratic
( IV ) None
( V ) All of the above

Q2: Complexity of matrix multiplication is
( I ) Quadratic
( II ) Sub-qubic
( III ) Cubic
( IV ) None
( V ) All of the above
Q3: Fibonacci sequence is
(Ⅰ) A new linear data structure
(Ⅱ) A useful tool in program complexity analysis
(Ⅲ) A cryptographic method
(Ⅳ) None
(Ⅴ) All of the above

Q4: Loop invariant
(Ⅰ) Can be used in analysis of data structure complexity
(Ⅱ) Can be used to prove correctness of iterative programs
(Ⅲ) Can be used in defining class structure in an OOP
(Ⅳ) None
(Ⅴ) All of the above
Q5: Bucket sorting and hashing
(Ⅰ) use related concepts
(Ⅱ) have nothing in common
(Ⅲ) depend on the distribution of key values
(Ⅳ) None
(Ⅴ) All of the above

Q6: Dynamic programming is
(Ⅰ) a novel OOP language
(Ⅱ) an optimization method
(Ⅲ) a data structure
(Ⅳ) None
(Ⅴ) All of the above