Q1. Type checking checks the input

(A) Lexically
(B) Semantically
(C) Syntactically
(D) All the other options

Ans: B

Q2. Type checking done by the compiler is

(A) Static
(B) Dynamic
(C) Both static and dynamic
(D) None of the other options

Ans: A

Q3. Array bound check can be done

(A) Statically
(B) Dynamically
(C) Both statically and dynamically
(D) None of the other options

Ans: B

Q4. Most programming languages are weakly typed since

(A) Such languages put less constraints on the programmer
(B) Some type errors can only be caught dynamically
(C) Both of the other options
(D) None of the other options

Ans: C

Q5. For strongly-typed languages

(A) Only static type checking is done
(B) Only dynamic checking is done
(C) Both static and dynamic checking are done
(D) No type checking is done

Ans: A

Q6. If the arguments passed to a function call are such that the first and the third arguments are integers while the second one is real, the type expression for the argument list can be

(A) Integer X Integer X Real
(B) Real X Integer X Integer
(C) Integer X Real X Integer
(D) None of the other options

Ans: C

Q7. The type expression (Integer X Real) → (Integer → Real) corresponds to

(A) A function that takes an integer and a real as arguments and returns an integer and a real
(B) A function that takes an integer and a real as arguments and returns a real
(C) A function that takes an integer and a real as arguments and returns an integer

(D) A function that takes an integer and a real as arguments and returns a function that takes an integer and returns a real

Ans: D

Q8. Type equivalence checks whether

(A) Two type expressions are same or not
(B) Two expressions are same or not
(C) Two statements are same or not
(D) All of the other options

Ans: A

Q9. Type of a statement is

(A) Void
(B) Type error
(C) Void or type error
(D) None of the other options

Ans: C

Q10. Type casting available in many programming languages is an example of

(A) Type checking
(B) Type coercing
(C) Type manipulation
(D) None of the given options

Ans: B