



Intermediate RPG
152-116

Chapter 13

Student Name _____
Score _____ / 10

1 point for each correct answer.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- _____ 1. With static binding, the calling component and the called component are bound together into a single called program object.
- _____ 2. Subprocedures can exist either within the same module as a main procedure or in standalone modules, where they can readily be bound to and accessed by several different programs.
- _____ 3. A module object is a segment of executable code contained within a procedure; a module can contain one or more procedures.
- _____ 4. A major difference between subprocedures and subroutines is that subprocedures are recursive; a procedure can actually call itself (actually a new copy of itself).
- _____ 5. Procedure interface accepts the parameters and assigns their values to variables in the procedure. Like the prototype, the procedure interface includes the length and type of the subprocedures return value.

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question

- _____ 6. In a modular approach to programming, in terms of calling separate executable program (*Pgm) objects, the calling programs and the called programs are complete in themselves, having been individually compiled. This technique is called a:
 - a. Dynamic program call.
 - b. Static binding.
 - c. Resolution.
 - d. Multiple entry point.
- _____ 7. For a program containing subroutines (no subprocedures), all variables are equally accessible by both the main calculations and the subroutines they execute, meaning they are:
 - a. Global.
 - b. Compiler directives.
 - c. Dynamic program call.
 - d. Local variables.

- _____ 8. To modify the code in a service program procedure, go through the compile-then-bind process to apply those changes. Instead of recreating the entire service program, use which command to complete an abbreviated binding step by listing the module (or modules) to be removed from the original, and replacing its code with the new version in the newly recompiled module?
- a. UPDSRVPGM.
 - b. UPDPGM.
 - c. DSPSRVPGM.
 - d. CRTSRVPGM.
- _____ 9. When you bind a service program to a single entry point program, the binder does *not* physically copy the code. Instead, the binder makes a reference associating the single entry point program with the service program and each of the procedures in it, known as:
- a. Bind-by-copy.
 - b. Static binding.
 - c. Binding resolution.
 - d. Bind-by-reference.
- _____ 10. Procedures pass parameters by reference or by read-only reference. In addition, procedure calls (but not program calls) can use which third method, which, by including the Value keyword for a parameter within a prototype, can pass the parameter's actual value instead of sharing the address of the parameter?
- a. pass by value.
 - b. /Copy.
 - c. pass by variable.
 - d. Export by value.