1. Which of the following is the proper declaration of a pointer?
   A. int x;  
   B. int &x;  
   C. ptr x;  
   D. int *x;

2. Which of the following gives the memory address of integer variable a?
   A. *a;  
   B. a;  
   C. &a;  
   D. address(a);

3. Which of the following gives the memory address of a variable pointed to by pointer a?
   A. a;  
   B. *a;  
   C. &a;  
   D. address(a);

4. Which of the following gives the value stored at the address pointed to by pointer a?
   A. a;  
   B. val(a);  
   C. *a;  
   D. &a;

5. Which of the following is the correct operator to compare two variables?
   A. :=  
   B. =  
   C. equal  
   D. ==

6. Fill in the blank so that the result of the code is the value 2 is printed and the value of variable a is 2. +++
   int a = 1;
   printf("a is %d", __________)  
   return 0;

7. GDB is a(n):
   A. compiler  
   B. operating system  
   C. programming language  
   D. debugger

8. The **break**; statement in C exits out of:
   A. the current IF structure
   B. the current loop structure
   C. the outside/secondary loop structure (if one exists)
   D. the main function
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3. Which of the following gives the memory address of a variable pointed to by pointer a?
   A. *a;  
   B. &a;  
   C. addr(a);  
   D. a;

4. Which of the following gives the value stored at the address pointed to by pointer a?
   A. val(a);  
   B. *a;  
   C. &a;  
   D. a;

5. Which of the following is the correct operator to compare two variables?
   A. :=  
   B. =  
   C. ==  
   D. equal

6. Fill in the blank so that the result of the code is the value 1 is printed and the value of variable a is 2.  
   int a = 1;  
   printf(“a is %d”, __________) missing; so additional acceptable answer is “error”  
   return 0;

7. GDB is a(n):  
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8. The break; statement in C exits out of:  
   A. the main function  
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   C. the current IF structure  
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