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No 1:

Undefined: because var x in function c is hoisted with initial value undefined when write(x) is called

8: because function c is called with parameter a=8

8: because in function f we assign a to b with a coming from function call c(8,9,10) where a = 8

9: because b at this point comes from function call c(8,9,10)

10: because b is 10 from global scope

1: because x from global scope is not changed

NO 2:

Global scope is the entire document scope where all function or variable declarations are hoisted and are accessible by all functions.

Local Scope refers to variables and function declaration that are inside function block/scope and are not accessible outside.

No 3:

  a. No, they do not have access.
  b. Yes, they have access
  c. No, they do not have access.
  d. Yes, they have access
  e. Yes, they have access

No 4

  i.   81. Because return 9*9 from var x when function is called
  ii.   25. Because return 5*5 from var x when function is called

No 5:

10: because var foo is hoisted to top of function bar with value 'undefined'. Undefined is a falsey value and so the if(!undefined) is true and so foo is set to 10 inside the function bar.