Question no 1.
Overall output:
Undefined
8
8
9
10
1
function call of c: value of x will be undefined and value of a will be passed by value (8)
inner function f will be called and local variable x (10) will be printed (hoisting)
value of b passed as an argument (9) will be printed
finally global variable b (10) and global variable x (1) will be printed

Question no 2.
Global scope are the most outer scope. All the function can have access to the global variables.
Local scope is the limited block scope, if we create a variable in a local scope we cannot use that
variables outside the scope, once the block ends, all the variables will destroyed and its value will lost.

Question no 3.
A. No
B. Yes
C. No
D. Yes
E. Yes
The inner function have access to all the outer scope, but the outer function won't get access to the
inner variables.

Question no 4:
Output:
First the value of x will be 9, so it will print
81
And then the value of x will updated, and it will print:
25

Question no 5:
10
when the if condition is checked inside bar function, it first looks for local variable foo with value of
undefined (condition will be true) and value will be initialized to 10 and an alert will be shown with
value 10.