Q1. A.

1. ‘foo()’ sets ‘x’ to ‘2’ and returns a function that logs ‘x’.
2. Calling the returned function logs ‘2’, and ‘console.log(x);

Output:

2

2

B.

1. Functions pushed to ‘result’ capture ‘i’, which is ‘3’ after the loop.

2. Calling these functions returns ‘items[3]’ which is undefined.

Output

[undefined,undefined,undefined]

C.

1.‘let’ creates a new binding for ‘i’ in each iteration.

2. Function capture the correct ‘i’, returning ‘items[0]’, items[1],and items[2]

Output:

[1,2,3]

D.

1. IIFE captures the current ‘i’ value in each iteration.

2.Functions correctly return ‘items[0]’, items[1] and item[2]

Q2.)

1. First of all console statement will run followed by “fast promise is done” and then “slow promise is done”
2. Same as a that is, all the console statements will run followed by “fast promise is done” and then “slow promise is done”
3. In this can “slow promise will run first” followed by console.log and “fast promise is done”

Q3.)

1. First console.log statements will run

It broke! Fast

If broke! Slow

1. First console.log statements will run  
   it broke! Fast