Q4: Find the output of the following code snippet.

```
int a = 15, b = 20;

int *ptr = &a;

int *ptr2 = &b;

*ptr = *ptr2;
```

Explanation of the code:

- `ptr` points to `a`, and `ptr2` points to `b`.
- `*ptr = *ptr2` → The value at `ptr2` (which is `b = 20`) is assigned to `*ptr` (which modifies `a` to `20`).

Now:

- a gets value of b → Correct.
- The other options are incorrect because the pointers still point to their respective variables.

Correct answer: a gets value of b