6

If KBSR[15] is 0, then the value has already been read, so the value would be read repeatedly, which is wrong.

9

If KBSR[15 is 1, then the value has not been read, so the value which had just been input would be lost.

12

```
START  LDI R0, L
       BRz START ;
       AND R1, R1, #0
       STI R1, L
       BRnzp NEXT_TASK
L      .FILL xF400
```

14

The ADDR.CTL logic controls it.

16

It puts: ABCDEFGHI