

**Q70.** There is an OS that can set access privileges to read, update, and create subordinate files in a directory. These three types of access privileges can be set to “enabled” or “disabled” using 1 bit. If these three bits are set by an octal (base-8) number expressed by numerals 0 to 7, which of the following is an appropriate description, taking into account the trial results below?

[Trial results]

- (1) When 0 was set, all accesses were disabled.
  - (2) When 3 was set, read and update were enabled, but create was disabled.
  - (3) When 7 was set, all accesses were enabled.
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- a) When 2 is set, read and create are enabled.
  - b) When 4 is set, only create is enabled.
  - c) When 5 is set, only update is enabled.
  - d) When 6 is set, read and update are enabled.