

Status	Finished
Started	Wednesday, 2 October 2024, 8:13 PM
Completed	Wednesday, 2 October 2024, 8:20 PM
Duration	6 mins 59 secs
Grade	10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Choose the best answer about the use-case "include relationship".

Select one:

- ☒ a. A -- <<include>> --> B means start in A, must perform B, and then end at A.
- ☐ b. All of the other answers are correct.
- ☐ c. A -- <<include>> --> means start in B, must perform A, and then end at B.
- ☐ d. A -- <<include>> --> means start in A, do nothing with B, and of course end at A.

Correct

Marks for this submission: 1.00/1.00.

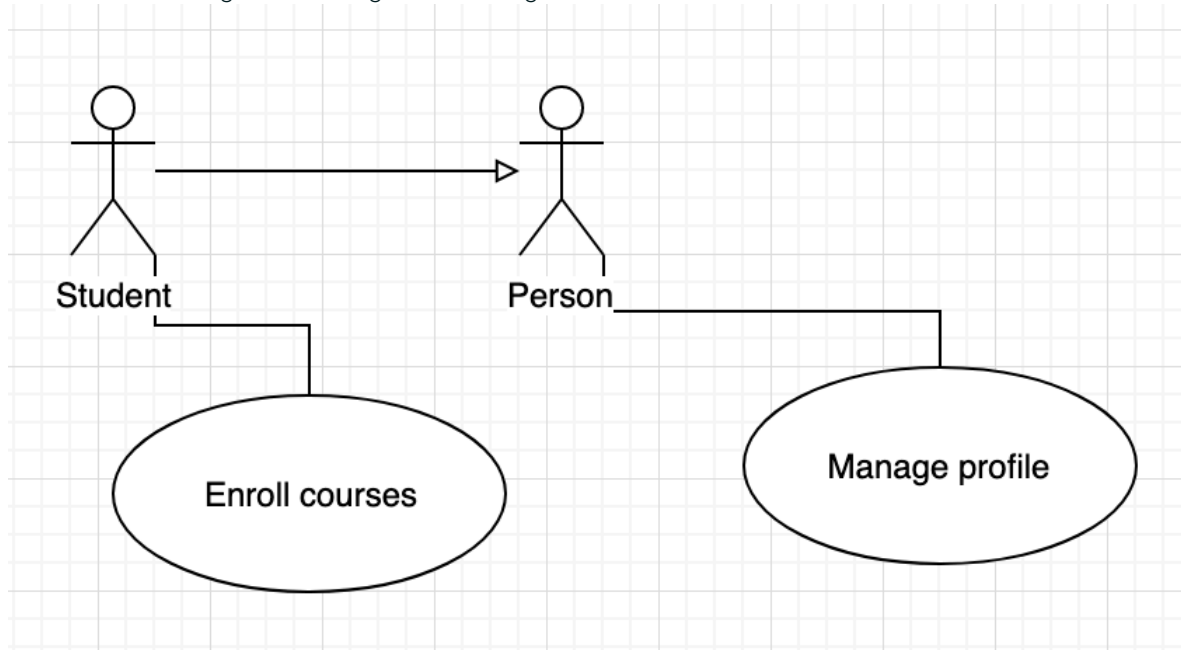


Question 2

Correct

Mark 1.00 out of 1.00

Which of the following about actor generation in Fig5.1.1.1 is correct?



Select one:

- ☐ a. Student ----> Person means Person cannot interact with use-cases of Student (Enroll courses), except those are directly associated with Person (non in this case).
- ☒ b. All of the other answers are correct.
- ☐ c. Student ----> Person means Student can interact with all use-cases that are associated with Person (Manage profile).
- ☐ d. Student ----> Person means Student can interact with its own use-cases (Enroll courses).

Correct

Marks for this submission: 1.00/1.00.

Question 3

Correct

Mark 1.00 out of 1.00

Which are good use-case names?

Select one:

- ☒ a. All of the other answers are not correct when some of the phrase are not "verb phrase" as required for a use-case name.
- ☐ b. Add new record; Search a book; Report generating.
- ☐ c. Turn light on/off; Checking the lighting system.
- ☐ d. Make report; Analysis system performance; Login.

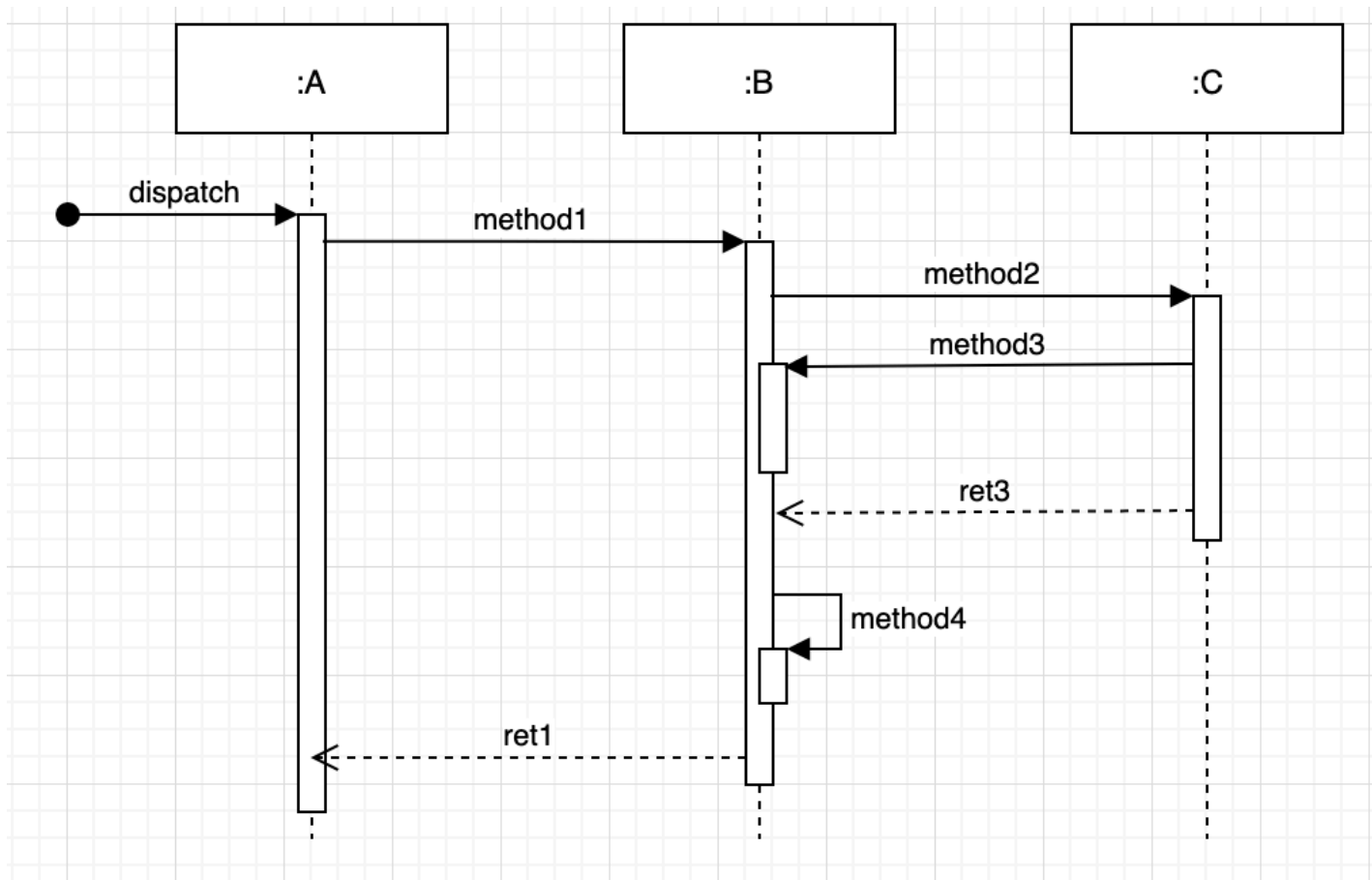
Correct

Marks for this submission: 1.00/1.00.

Question 4

Correct

Mark 1.00 out of 1.00



Choose the best answer about sequence diagram in Fig5.1.1.4.

Select one:

- ☒ a. B -- method2 --> C -- method3 --> B means the operation "method2" is executing in C then C calls the operation "method3" in B.
- ☐ b. B -- method2 --> C -- method3 --> B means the operation "method2" is executing in C then C stops and returns the information "method3" to B.
- ☐ c. B -- method2 --> C -- method3 --> B means the operation "method2" is executing in C then C sends the information "method3" to B.
- ☐ d. All of the other answers are correct.

Correct

Marks for this submission: 1.00/1.00.

Question 5

Correct

Mark 1.00 out of 1.00

Choose the best answer about the use-case "extend relationship".

Select one:

- ☐ a. A -- <<extend>> --> B means start in A, must perform B, and always end at A.
- ☐ b. A -- <<extend>> --> B means start in A, may perform B and in that case end at B.
- ☐ c. All of the other answers are correct.
- ☒ d. A -- <<extend>> --> B means start in B, may perform A and in that case end at A.

Correct

Marks for this submission: 1.00/1.00.

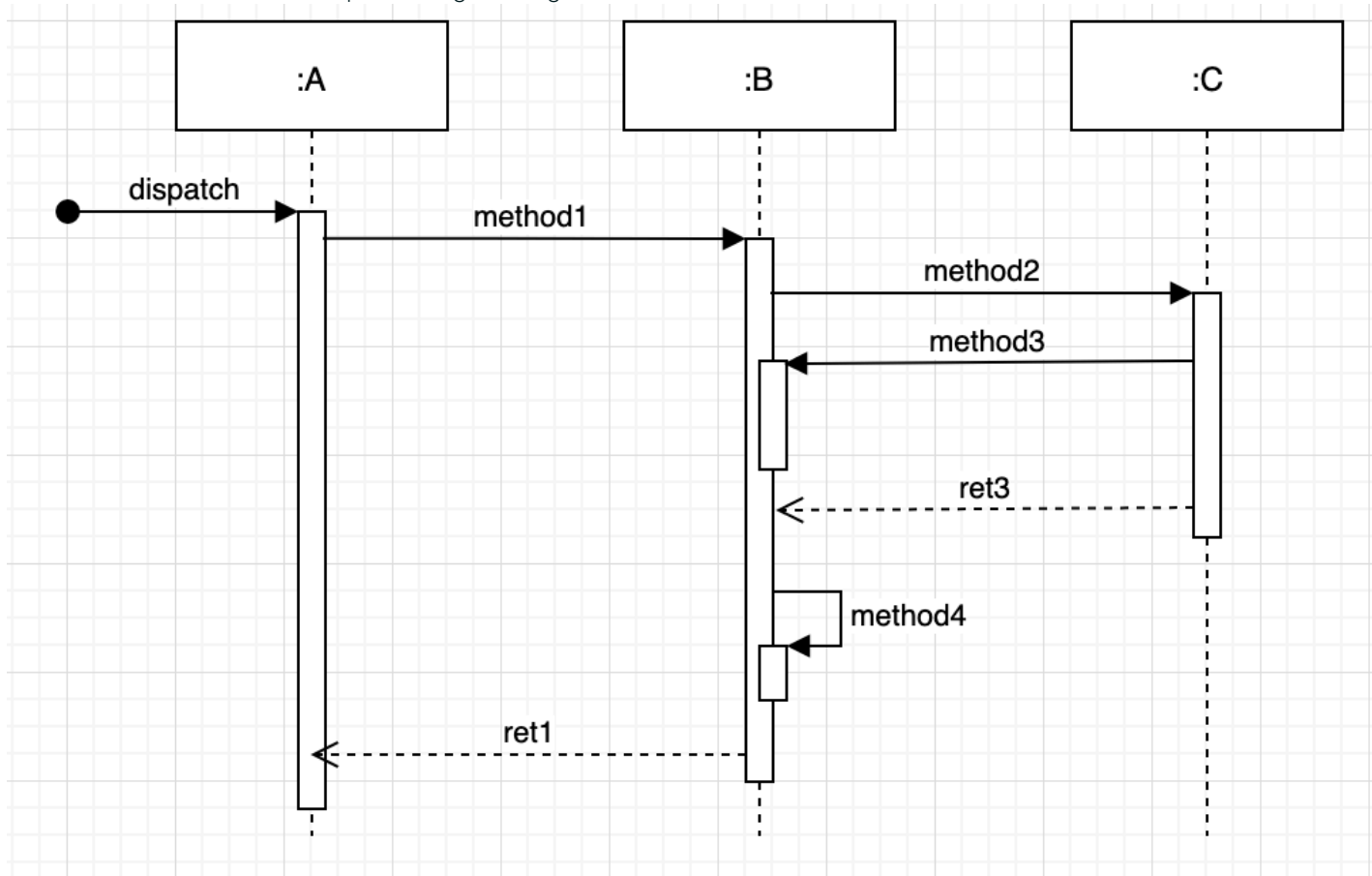


Question 6

Correct

Mark 1.00 out of 1.00

Choose the best answer about sequence diagram in Fig5.1.1.5.



Select one:

- ☐ a. All of the other answers are correct.
- ☐ b. A -- method1 --> B --ret1--> A means the operation "method1" is executing in B then B calls the operation "ret1" in A.
- ☐ c. A -- method1 --> B --ret1--> A means the operation "method1" is executing in B then sends the information "ret1" to A and then continue.
- ☒ d. A -- method1 --> B --ret1--> A means the operation "method1" is executing in B and in completing returns the information "ret1" back to A.

Correct

Marks for this submission: 1.00/1.00.

Question 7

Correct

Mark 1.00 out of 1.00

Who/What triggers a sequence of actions/messages of a sequence diagram?

Select one:

- ☒ a. An actor or other system (or a message/action from the outside).
- ☐ b. A use-case.
- ☐ c. All of the other answers are correct.
- ☐ d. An internal component itself

Correct

Marks for this submission: 1.00/1.00.

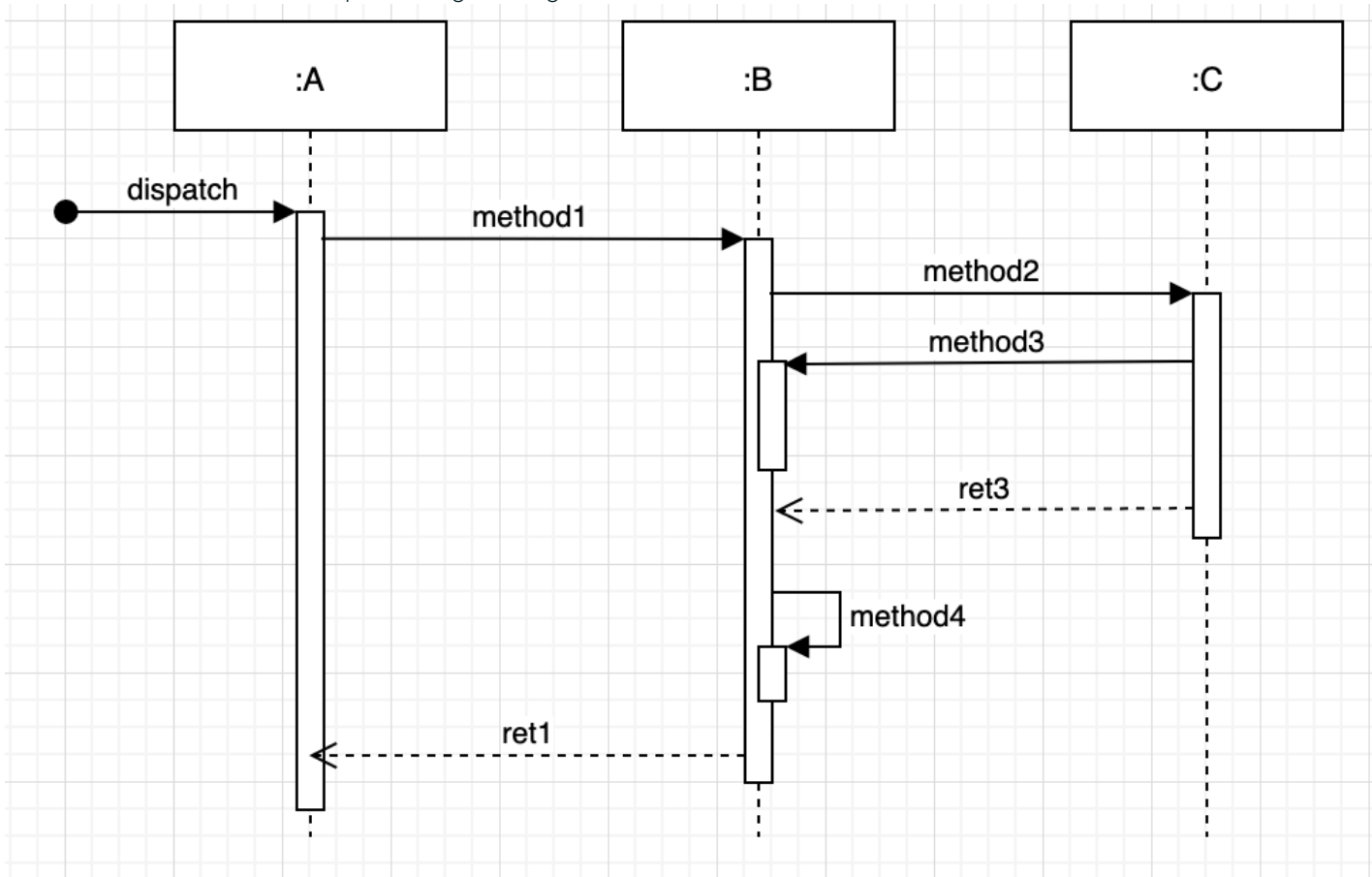


Question 8

Correct

Mark 1.00 out of 1.00

Choose the best answer about sequence diagram in Fig5.1.1.6.



Select one:

- ☐ a. A -- method1 --> B -- method4 --> B means "method4" is a sub-function of "method1".
- ☐ b. A -- method1 --> B -- method4 --> B means A calls the operation "method1" and then calls another operation "method4".
- ☒ c. A -- method1 --> B -- method4 --> B means in performing its operation "method1", B calls its another operation "method4".
- ☐ d. All of the other answers are correct.

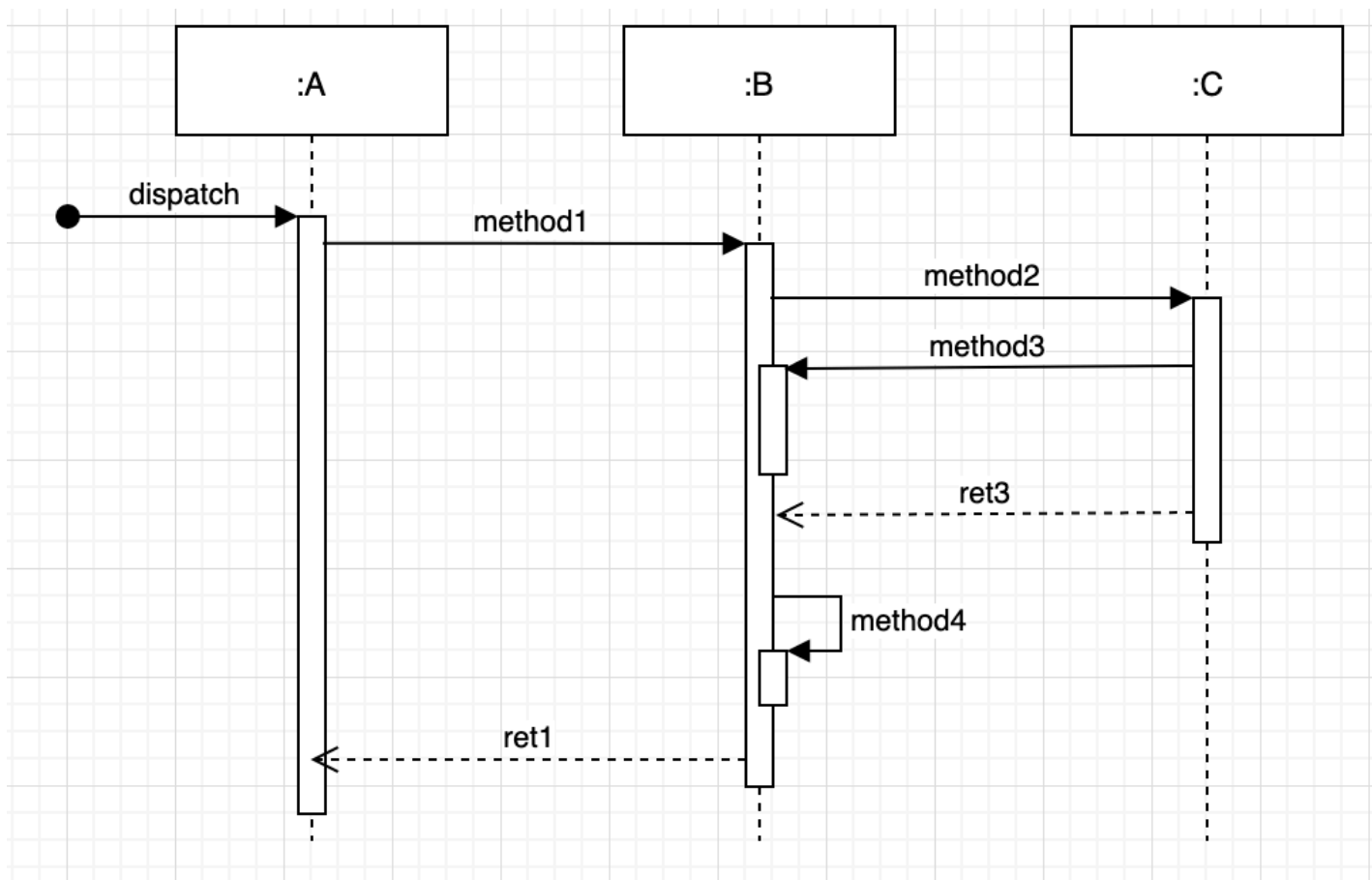
Correct

Marks for this submission: 1.00/1.00.

Question 9

Correct

Mark 1.00 out of 1.00



Choose the best answer about sequence diagram in Fig5.1.1.3.

Select one:

- ☐ a. A -- method1 --> B -- method2 --> C means the operation "method1" is started after ending "method2".
- ☐ b. All of the other answers are correct.
- ☐ c. A -- method1 --> B -- method2 --> C means the operation "method1" is ended before starting "method2".
- ☒ d. A -- method1 --> B -- method2 --> C means the operation "method1" is ended after completing "method2".

Correct

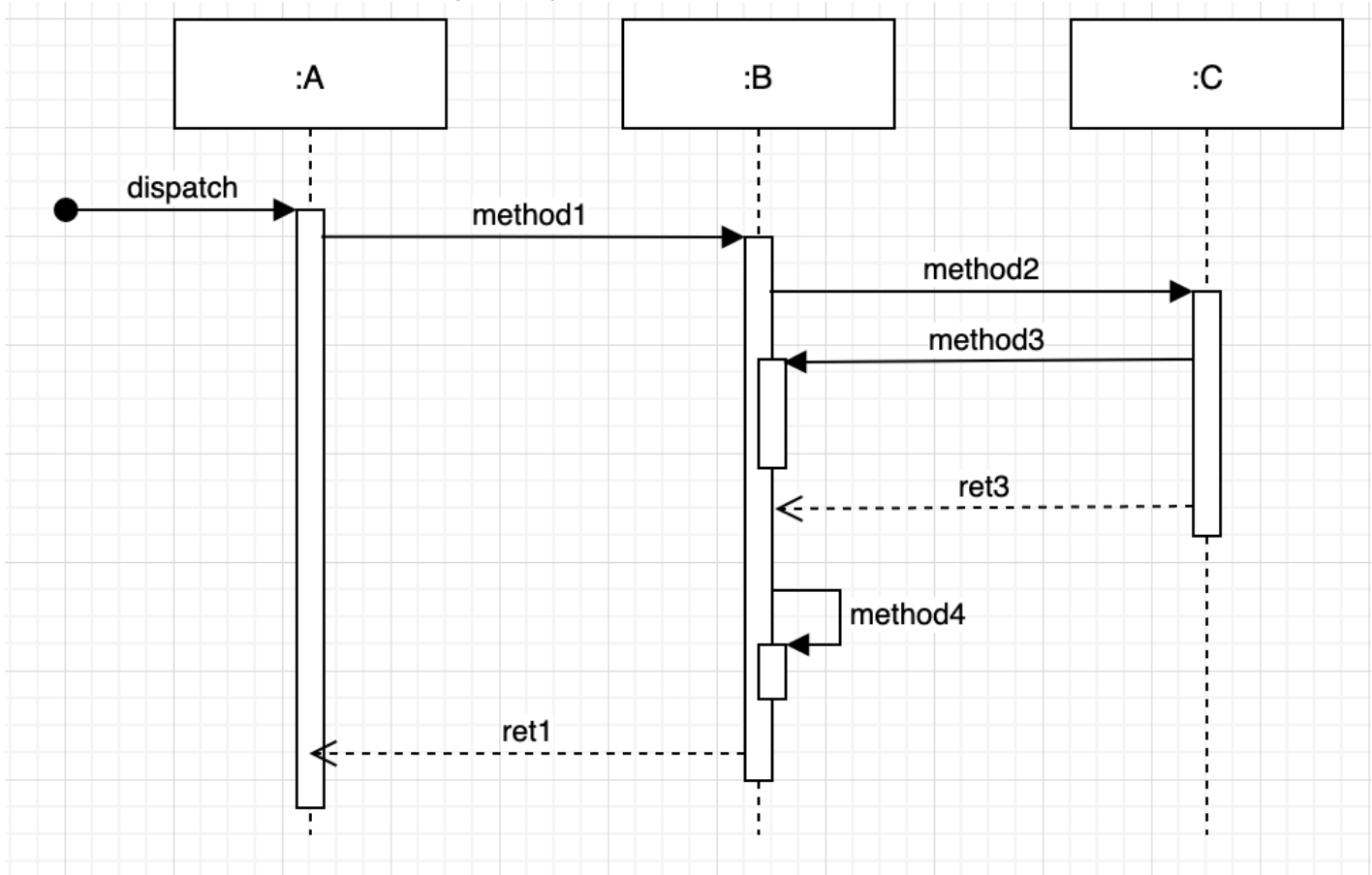
Marks for this submission: 1.00/1.00.

Question 10

Correct

Mark 1.00 out of 1.00

Choose the best answer about sequence diagram in Fig5.1.1.2.



Select one:

- ☐ a. All of the other answers are correct.
- ☒ b. A -- method1 --> B means component A asks component B to perform its operation "method1".
- ☐ c. A -- method1 --> B means component A performs its operation "method1" and then sends the result to component.
- ☐ d. A -- method1 --> B means component A sends its operation "method1" to B and then B execute that operation.

Correct

Marks for this submission: 1.00/1.00.