

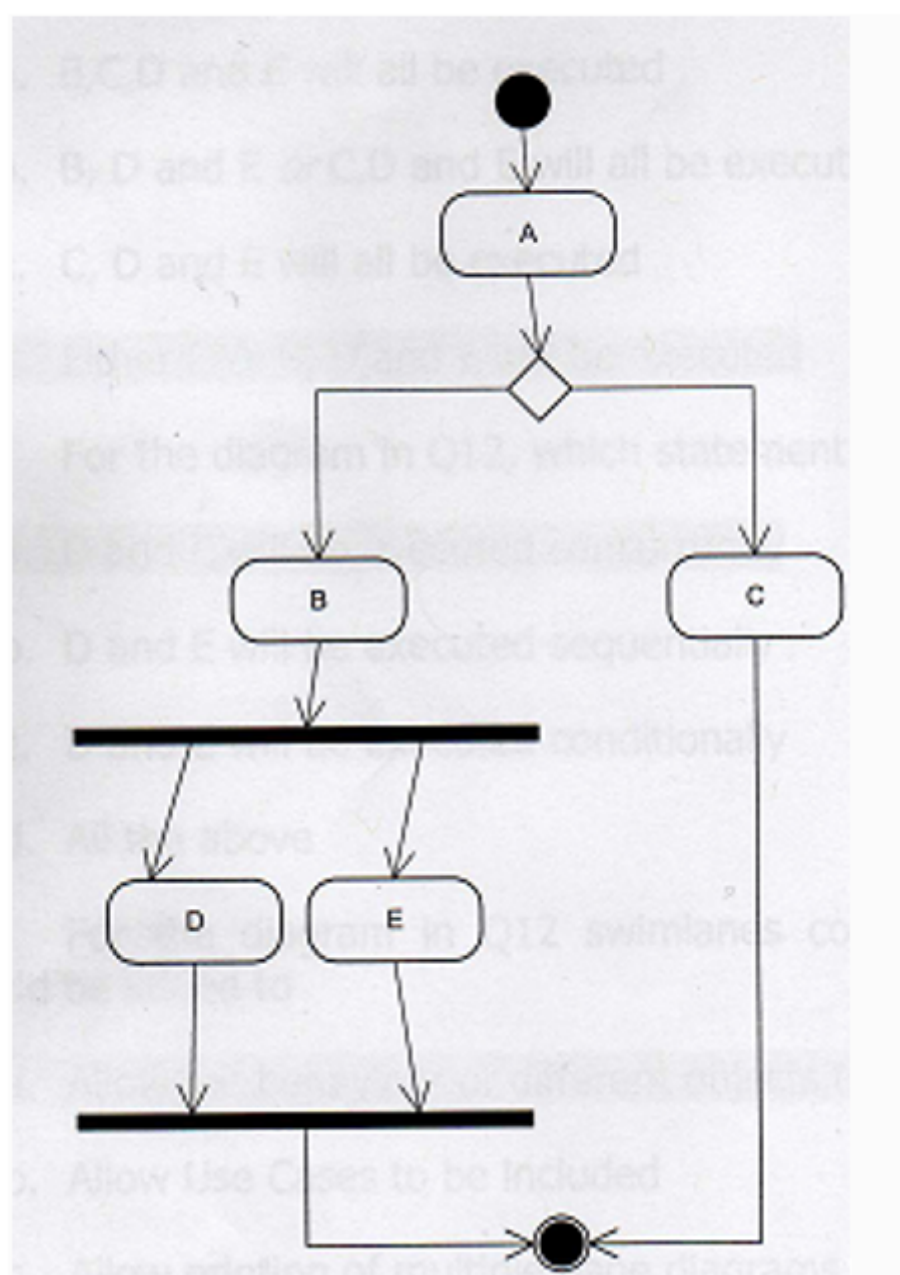
FIT2001 Systems development - November 2020

[Dashboard](#) / [My units](#) / [FIT2001 NOV 2020](#) / [Week 6](#) / [Workshop 6 - Quiz 5](#)**Started on** Wednesday, 9 December 2020, 7:25 PM**State** Finished**Completed on** Wednesday, 9 December 2020, 7:33 PM**Time taken** 8 mins**Grade** 2.00 out of 5.00 (40%)[Print friendly format](#)**Question 1**

Correct

Mark 1.00 out of 1.00

For the diagram below, which statement is true?



Select one:

- ☐ D and E will be executed sequentially
- ☒ D and E will be executed concurrently ✓
- ☐ None of the above
- ☐ D and E will be executed conditionally

Your answer is correct.

Split / Fork shown by a thick bar, splits one activity flow into concurrent activities. This denotes the beginning of parallel activity. A Join, also shown by a thick bar, combines two concurrent activities back into a flow where only one activity is happening at a time. All flows going into the join must reach it before processing may continue. This denotes the end of parallel processing. So D and E are executed concurrently.

The correct answer is: D and E will be executed concurrently

Question 2

Incorrect

Mark 0.00 out of 1.00

Which of the following statements best describes a Use Case?

Select one:

- ☐ A Use Case represents the behaviour of the actor which results from the adequate performance of the system
- ☐ A Use Case represents behaviour which when performed is of value to one or more actors
- ☒ A Use Case represents a set of steps performed by an actor as he tries to act out an applications behaviour ✗
- ☐ A Use Case is a method used by a Business Analyst to make his case for how the actor should behave.

Your answer is incorrect.

A Use Case represents behaviour which when performed is of value to one or more actors. It is not only associated with one actor, and it has nothing to do with the performance of the system, or the Business Analyst making a case.

The correct answer is: A Use Case represents behaviour which when performed is of value to one or more actors

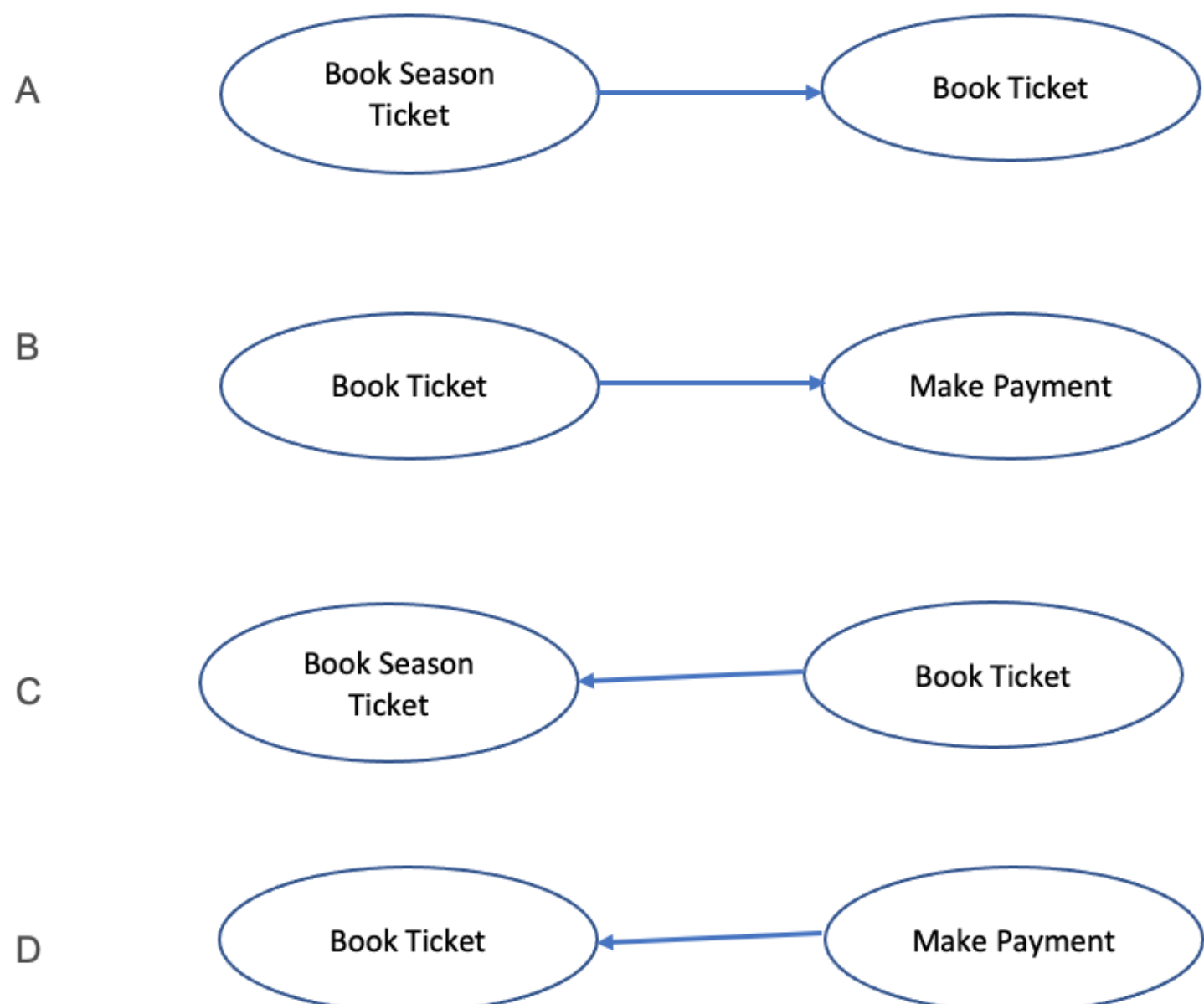
Question 3

Correct

Mark 1.00 out of 1.00

Which generalisation is correct?

Note: Season ticket is a special type of ticket, and the payment is for any type of ticket. |



Select one:

- ☐ D
- ☒ A ✓
- ☐ C
- ☐ B

Your answer is correct.

A generalisation relationship exists between Book Season Ticket (child) and Book Ticket(parent) where the child is the more specialised form of the parent use case 'Book Ticker'. The child inherits the behaviours of its parent and adds its own behaviours. A generalised use cases is depicted drawing an open, solid arrow from the specialized (child) 'Book Season Ticket' use cases to the general (parent) 'Book Ticker' use case. Making a payment is a completely different behaviour.

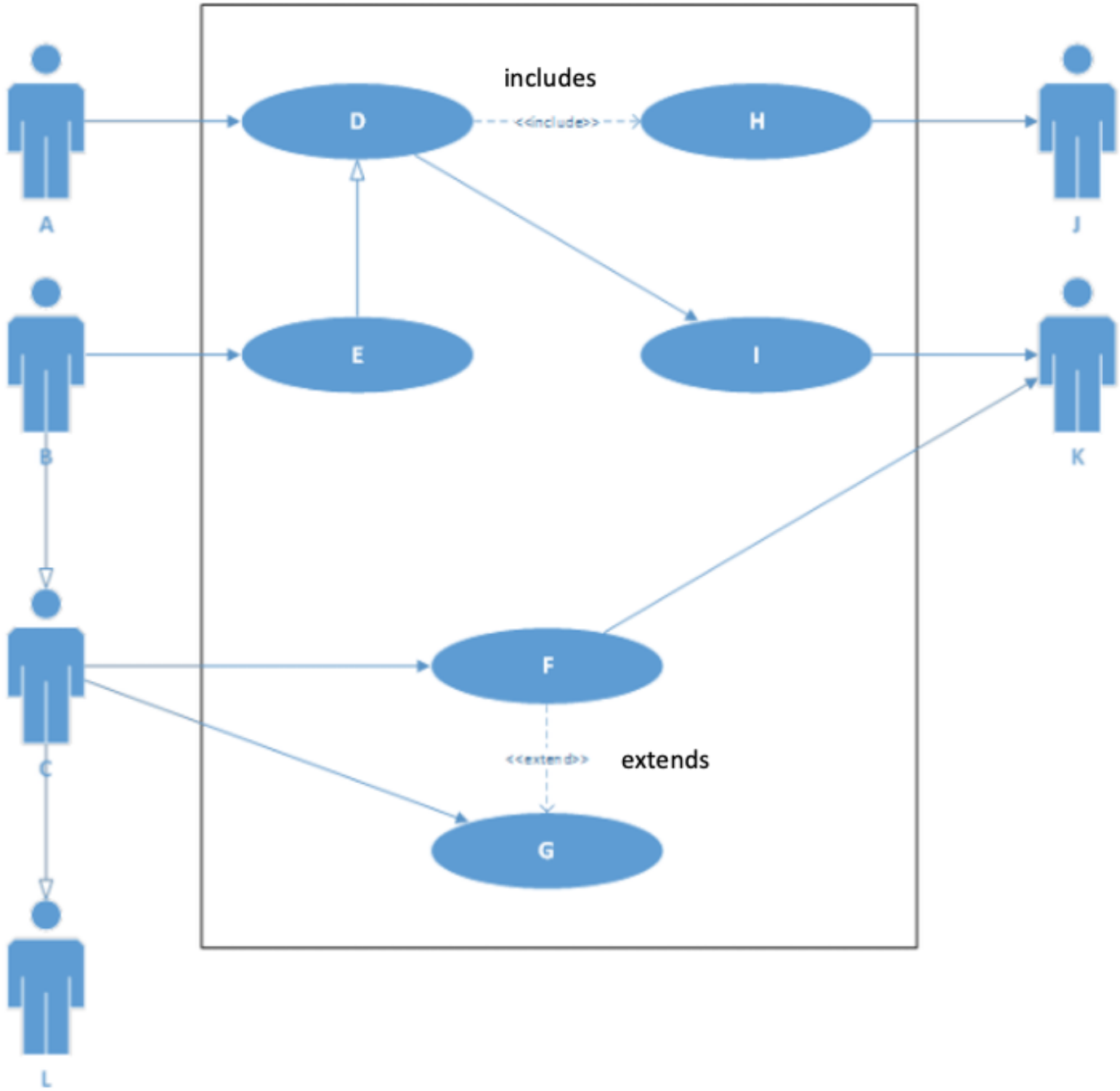
The correct answer is: A

Question 4

Incorrect

Mark 0.00 out of 1.00

In the following diagram, which use case does not stand alone but is incorporated as part of a parent use case?



Select one:

- ☐ H
- ☐ D
- ☒ I ✗
- ☐ G

Your answer is incorrect.

In this diagram, the H use case is incorporated within the D use case by the includes dotted arrow relationship. Hence, whenever the D use case executes, the H use case also executes. So H is the correct answer.

The correct answer is: H

Question **5**

Incorrect

Mark 0.00 out of 1.00

Select the best name for a Use Case from the following options:

Select one:

- ☐ Enrolment system
- ☒ Student Enrolment **✖**
- ☐ enrolStudent()
- ☐ Enrol Student

Your answer is incorrect.

A Use Case should be named using a Verb followed by a Noun so the correct answer is 'Enrol Student'. None of the other options follow this structure.

The correct answer is: Enrol Student

◀ Week 5 GDoc Files - Wed 1pm

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Seminar 7.1 Slides: Gathering and Documenting System Requirements - Prototyping ▶