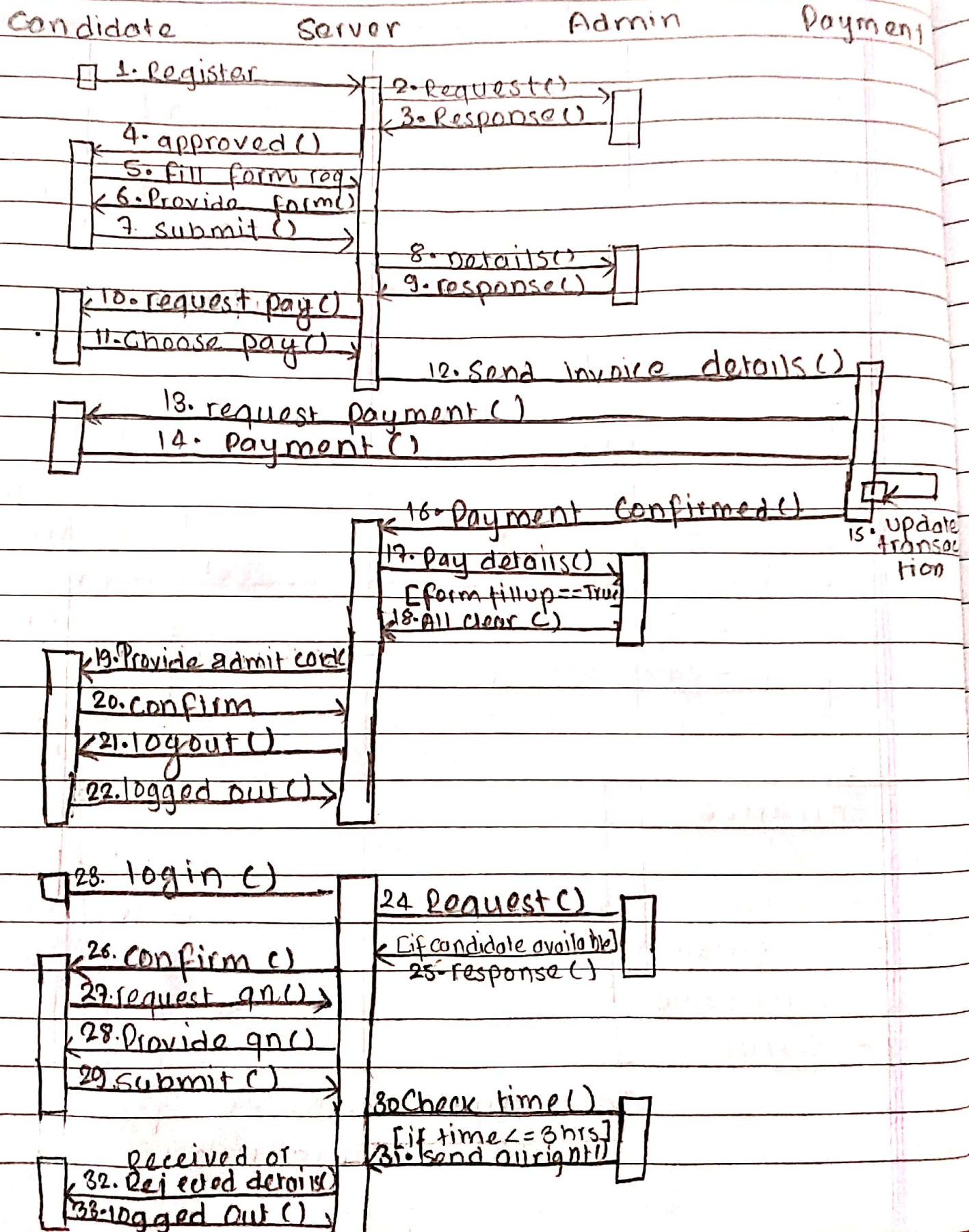


Conceptual Diagram of
CBE examination

Q. NO. 2 ⇒ Sequence diagram.

Candidate.



Q. No. 3 \Rightarrow .

Domain model is the representation of real world

Conceptual class is an idea, thing or object that illustrates the requirements in each of the software we are building. It provides all the necessities of the problem.

It is considered in terms of symbols, intension and extension.

Domain model is representation of real world conceptual classes, not of software components.

It contains conceptual classes, association between conceptual classes and attributes of conceptual class.

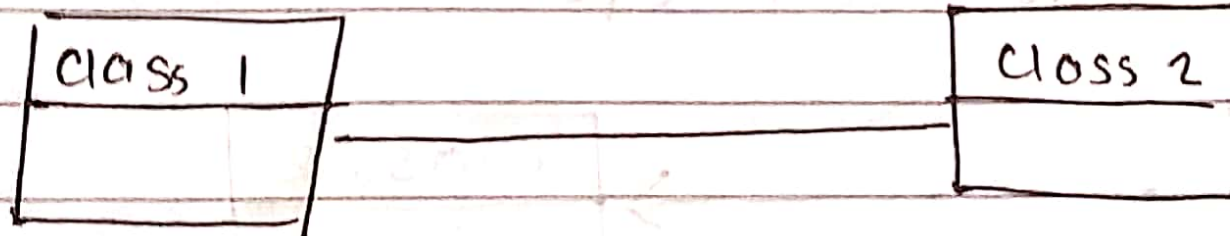
Association

Simple Association.

It is structural link between two peer classes.

There is association between Class 1 and class 2.

Solid line connecting two classes

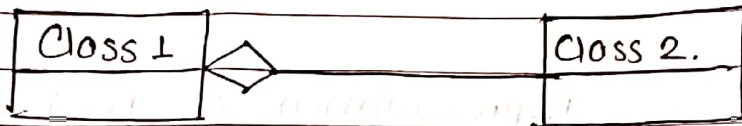


Aggregation.

It is special type of association. It represent a "part of Relationship."

→ Class 2 is part of Class 1.

- Objects of class 1 and class 2 have separate timeline
- Solid line with unfilled diamond at the association end connected to class of composite



Composition

Type of aggregation where parts are destroyed when whole is destroyed.

- Objects of class 2 live and die with class 1.
- Class 2 can't stand by itself.

- A solid line filled diamond at association connected to class of composite



Dependency.

Exist between two classes if the changes to definition of one may cause changes to other (but not way around).

- Class 1 depends on Class 2.
- A dashed line with open arrow

