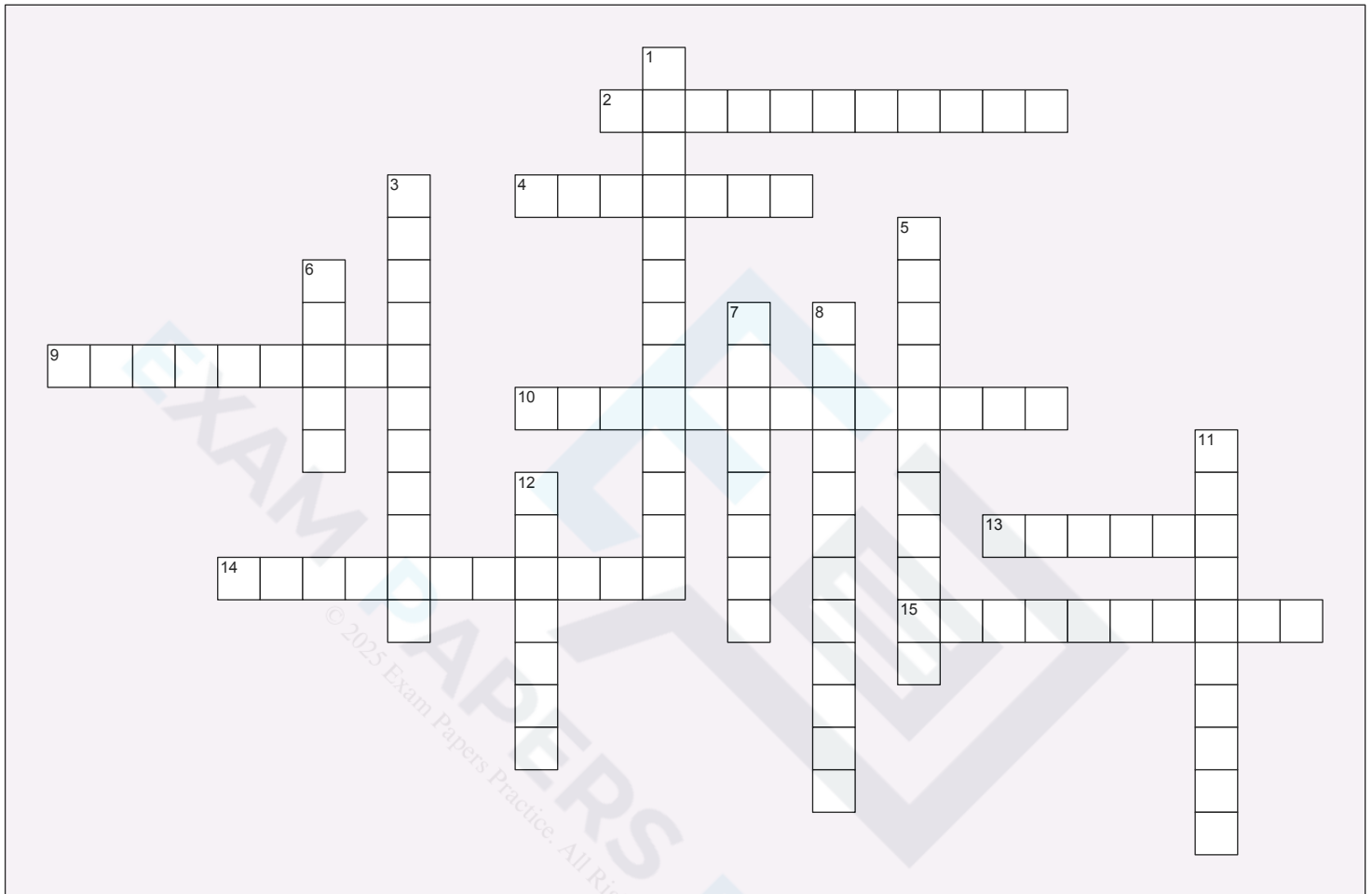




## crossword puzzle

# Object Oriented Programming



### across:

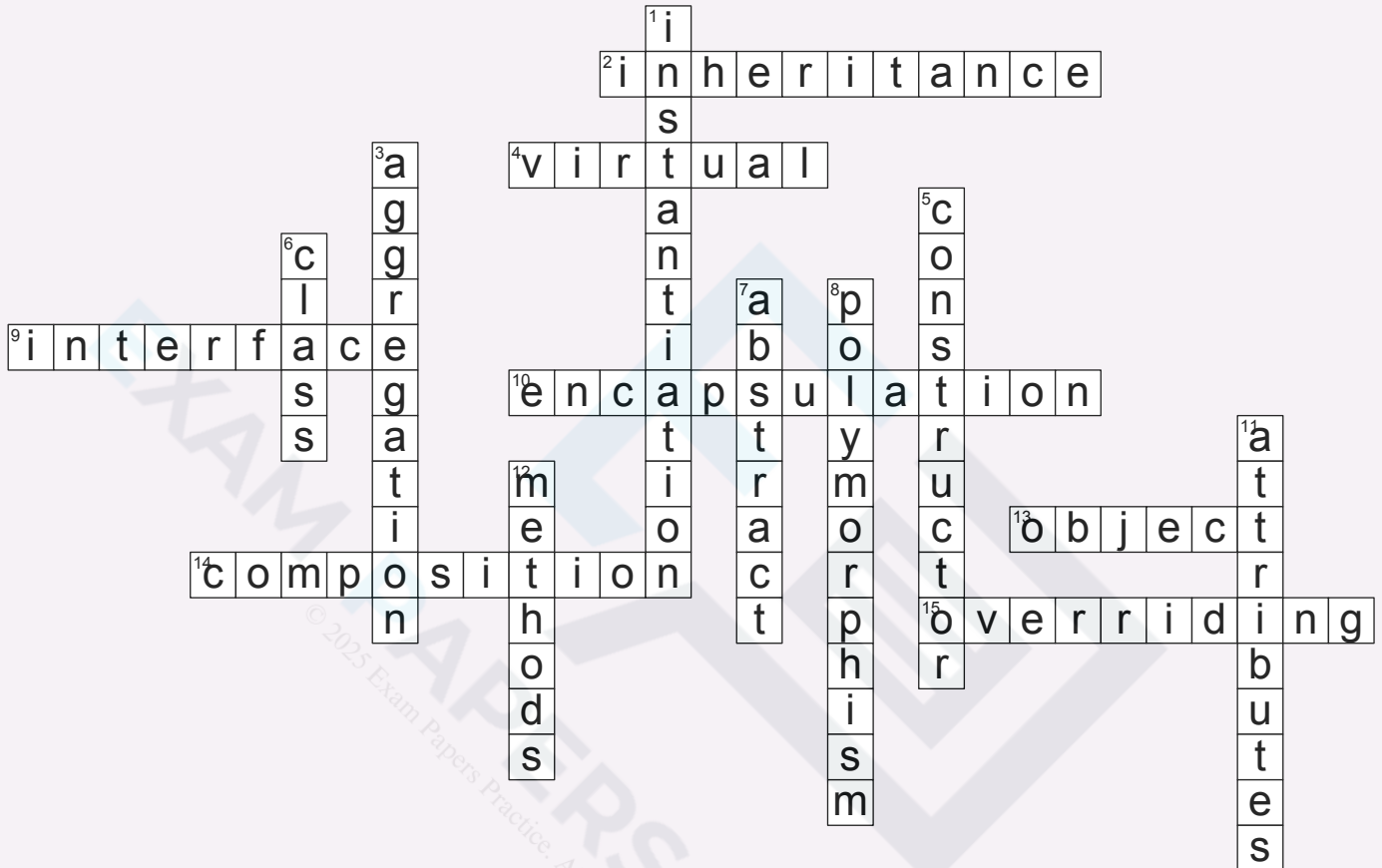
- 2: Subclass that extends the attributes and methods from a parent class
- 4: A type of method that can be overridden in a subclass
- 9: A class that contains abstract methods
- 10: Data and methods are considered together and data can only be accessed through the objects methods
- 13: The instance of a class
- 14: Association where a class instance is created within a class, objects cannot exist independently
- 15: The method in a child class is implemented instead of a method of the same name in the parent class

### down:

- 1: Creating objects from the class
- 3: Association where objects can exist independently, but there is ownership of one class by another
- 5: A special method that is called when an object is created
- 6: A template that describes the behaviours and characteristics of objects
- 7: A type of method that enforces implementation of the method in the subclass or actions.
- 8: Allow methods to be called with different data types and different number of parameters
- 11: Defines the characteristics of an object
- 12: Defines the behaviour of an object

crossword puzzle

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