Name:_____

Student ID:_____

Part A [10 points]

Circle the letter of the BEST answer for each question.

1) Which paradigm best describes VB2008?
   - a) object oriented
   - b) functional
   - c) imperative
   - d) event-driven
   - e) procedural

2) In VB2008, forms and controls are
   - a) events
   - b) objects
   - c) modules
   - d) properties
   - e) subprograms

3) A `Form` with no controls placed on it nevertheless constitutes a VB program that can be executed/run by the computer.
   - a) TRUE
   - b) FALSE

4) The `Text` property of a `Label` control may be changed during the design stage and at run time.
   - a) TRUE
   - b) FALSE

5) Classes define both the characteristics of an object and the behaviour of the object.
   - a) TRUE
   - b) FALSE

6) In VB, no program statements can be placed outside an event template.
   - a) TRUE
   - b) FALSE

7) `vbNullString` is a predefined variable in VB.
   - a) TRUE
   - b) FALSE

8) Which of the following best describes a *class*:
   - a) A predefined piece of code in VB.
   - b) A means of creating the graphical user interface of a program.
   - c) A definition of an object including its properties and what it can do.
   - d) An abstraction that uses data provided via a parameter list to calculate a single value or "answer".
   - e) code that defines how to interpret a string of bits

Part B [10 points]

The following table is from Ex 3-4.
Indicate which of these combinations of data types will succeed, and which will fail.

Initial Capital	Interest Rate	Succeeds?
2,500.99	55.0e-3	Yes
2000	.05	Yes
2000	-0.05	Yes
$2000	0.05	Yes
2,050,000.67	5%	NO
($2000)	0.05	Yes
$2.5e4	0.05	Yes
($2.5e4)	0.05	Yes
$2000	5%	NO
(US)$2000	.05	NO

Part C [2 points]

If you need to assign initial values to properties (or variables) when a program first begins which <u>event</u> of which <u>control object</u> should you implement?

the <u>New</u> event of the <u>Form</u>