

I worked with the following classmates: NAME \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Invertebrate Paleontology Lab  
Quiz 3(3<sup>rd</sup> of 6) 20 points

1A. Here are two fossils with bivalved shells. Which is the bivalved mollusk? \_\_\_\_\_

1B. Circle the best group of 3 terms that describe a pelecypod (bivalve) mollusk:

Lophophore	adductor	planispiral
Vertical symmetry plane	Horizontal symmetry plane	torsion
Pedicle	pallial line	siphonal canal

2A This fossil gastropod belongs to the \_\_\_\_\_ Order

2B. Circle the best group of 3 terms that fits this sample:

trochospiral	adductor	planispiral
siphonal canal	pallial line	suture
torsion	taxodont	Ordovician

3A. This fossil gastropod belongs to the \_\_\_\_\_ Order

3B. Circle the best group of 3 terms that fits this sample:

trochospiral	adductor	planispiral
simple aperture	pallial line	suture
torsion	taxodont	Ordovician

4A. The scar on this bivalve shell (see arrow) was made by the \_\_\_\_\_.

4B This bivalve has a dentition that is (circle the correct answer)

Taxodont      Heterodont      Pachyodont      Dysodont

5A The scar indicated by arrows on this bivalve shell is made by the \_\_\_\_\_

5B This bivalve has a dentition that is (circle the correct answer)

Taxodont      Heterodont      Pachyodont      Dysodont

6A This bivalve is unusually thick-shelled. It is typical of the \_\_\_\_\_ Era.

6B Circle the best group of 3 terms that describes how the Bivalvia (Pelecypods) responded in general to increased predation.

Escalation	Escalation	Escalation
Heavy, crush-proof shells	horns	larger lophophore
Long siphons	toxins	mimicry

7A The scar indicated on this fossil bivalve (see arrow and letter "D") is the \_\_\_\_\_.

7B Circle the best group of 3 terms that fits this sample:

Epifaunal	fused mantle	rocky intertidal
Filter feeding	siphon	filter feeding
Pachyodont	Heterodont	Dysodont

8A These bivalves are typical of the \_\_\_\_\_ Era.

8B Circle the best group of 3 terms that fits this sample:

Burrowing	escalation	Devonian
Quaternary	Cretaceous	reef
siphon	epifaunal	infaunal

9A This gastropod shell is composed of CaCO<sub>3</sub> in the mineral form \_\_\_\_\_.

9B Circle the best group of three terms that fits this specimen:

Planispiral	trochospiral	mother of pearl
Siphonal canal	mother of pearl	dysodont
Epifaunal	suture	infaunal

10A. This gastropod belongs to the \_\_\_\_\_ Order.

10B. Circle the best group of 3 terms that fits this sample:

Intertidal	infaunal	siphonal canal
attaches to hard surface	filter feeder	burrows in soft sediment
feeds with radula	muscular foot	feeds with radula