

I worked with the following classmates: NAME _____

Invertebrate Paleontology Lab
Quiz 3(3rd of 6) 20 points

1A This fossil gastropod belongs to the _____ Order

1B. Circle the best group of 3 terms that fits this sample:

trochospiral	adductor	planispiral
siphonal canal	pallial line	suture
torsion	taxodont	Ordovician

2A. Here are two fossils (1 and 2) with bivalved shells. Which is the bivalved mollusk?

2B. 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

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 These bivalves are unusually thick-shelled. They are typical of the _____ Era.

6B Circle the best group of 3 terms that describes the mollusk response to increased predation.

Escalation	Escalation	Escalation
Heavy, crush-proof shells	horns	toxins
Long siphons	speed	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
Pachydont	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 belongs to the _____ Order.

9B. 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

10A This gastropod shell is composed of CaCO_3 in the mineral form _____.

10B 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