

Lab Reviews

Monday,
June 29, 2009

KIN 1071

- What is it? – *an opportunity to see all of the specimens and slides one more time & to ask Qs*
- Sign-up for one session only.
- Note times. Limit = 30 students per session
- Come and go as you need during that time.

Midterm Review Sessions

Session 1	8:30 - 10:00a.m.
Session 2	10:00 - 11:30a.m.
Session 3	11:30 - 1:00p.m.
Session 4	1:00 - 2:30p.m.
Session 5	2:30 - 4:00p.m.
Session 6	4:00 - 5:30p.m.
Session 7	5:30 - 7:00p.m.
Session 8	7:00 - 8:30p.m.
Session 9	8:30 - 10:00p.m.

Practical Exam:

Wednesday, July 1, 2008

KIN 1071

Be careful of times!

Exam & review session schedules differ.

Students are responsible for taking note of this!

Actual exam lasts less than 40 minutes.

Hence each exam includes a buffer at the end of it...but

Each session will start on time!

Limit = 25 students per session. *No extras!*

Midterm Exam Sessions

	Rules Talk	Exam	End
Session 1	9:00	9:15	10:00a.m.
Session 2	10:00	10:15	11:00a.m.
Session 3	11:00	11:15	12:00noon
Break 12n – 1pm			
Session 4	1:00	1:15	2:00p.m.
Session 5	2:00	2:15	3:00p.m.
Session 6	3:00	3:15	4:00p.m.
Session 7	4:00	4:15	5:00p.m.
Break 5 - 6pm			
Session 8	6:00	6:15	7:00p.m.
Session 9	7:00	7:15	8:00p.m.
Session 10	8:00	8:15	9:00p.m.
Session 11	9:00	9:15	10:00p.m.

Special Needs Students

- Students eligible for special assistance (e.g. extra time) must sign up for the LAST review (9) & LAST exam session (11).
- They must have their signed documentation on file with the lab coordinator prior to entry into either.

Exam - Grade / Question Distribution

15% OF YOUR OVERALL GRADE

~1/3 Taxonomy & identification

~1/3 Structure & function

~1/3 Comparisons between phyla

Exam - Point / Time Distribution

25 stations - 2 questions per station

50 questions total - 1 point per question

+ *1 rest stop* (if needed)

Round 1 - 60 SECONDS (1 min.) per station

= 26 minutes for round 1

Round 2 - 30 SECONDS (1/2 min.) per station

= 13 minutes for round 2

Total exam time needed = 39 minutes

- $\frac{3}{4}$ minute (45 seconds) per question total!

Exam - Grading Policies

- Capitalize taxa Points **WILL** be deducted for not doing so. If you wish to use all capitals, make sure the first letter is most definitely **T**WICE as big as the rest.
- Spelling
 - 1 letter will be over looked
 - 2 letters - lose ½ point
 - 3 letters - lose 1 point
- Rules - only apply if 1 or 2 letters do not create another word that could imply that the student does not know the answer to the question!

Stoma (pore) / **S**troma (chloroplast)

Rat/**C**at

Mesohyl (Porifera) / **M**esophyll (of Plants)

Exam - Rules!

- Sign up for one exam!
- Arrive at least 10 minutes prior to your session talk time.
If you are late you may not be let in!
- Bring only a couple of pencils and an eraser
- You will be given a pre-exam introduction re exam rules!
Keep eyes on your own paper (Turn caps around, pull hair away from face.)
Nothing to give you an ubnfair advantage etc, etc.....
- Sign your sheet – Academic Honor Policy
- Grades will be posted on Blackboard.
Grades are NOT given out by phone or by e-mail.

When you sign your response sheet your signature it corresponds to 3 statements:

- You understand and agree to abide by the FSU Academic Honor Policy
- You have neither given nor received help on this exam (nor will you (e.g. by looking at or copying another's answers)).
- You promise **NOT** to discuss the exam with anyone until after the **LAST** exam session.

You will also be asked to write on your paper the last

4 digits of your FSU Student ID #

This '#' begins with 2 letters.

To access it go to:

Blackboard,

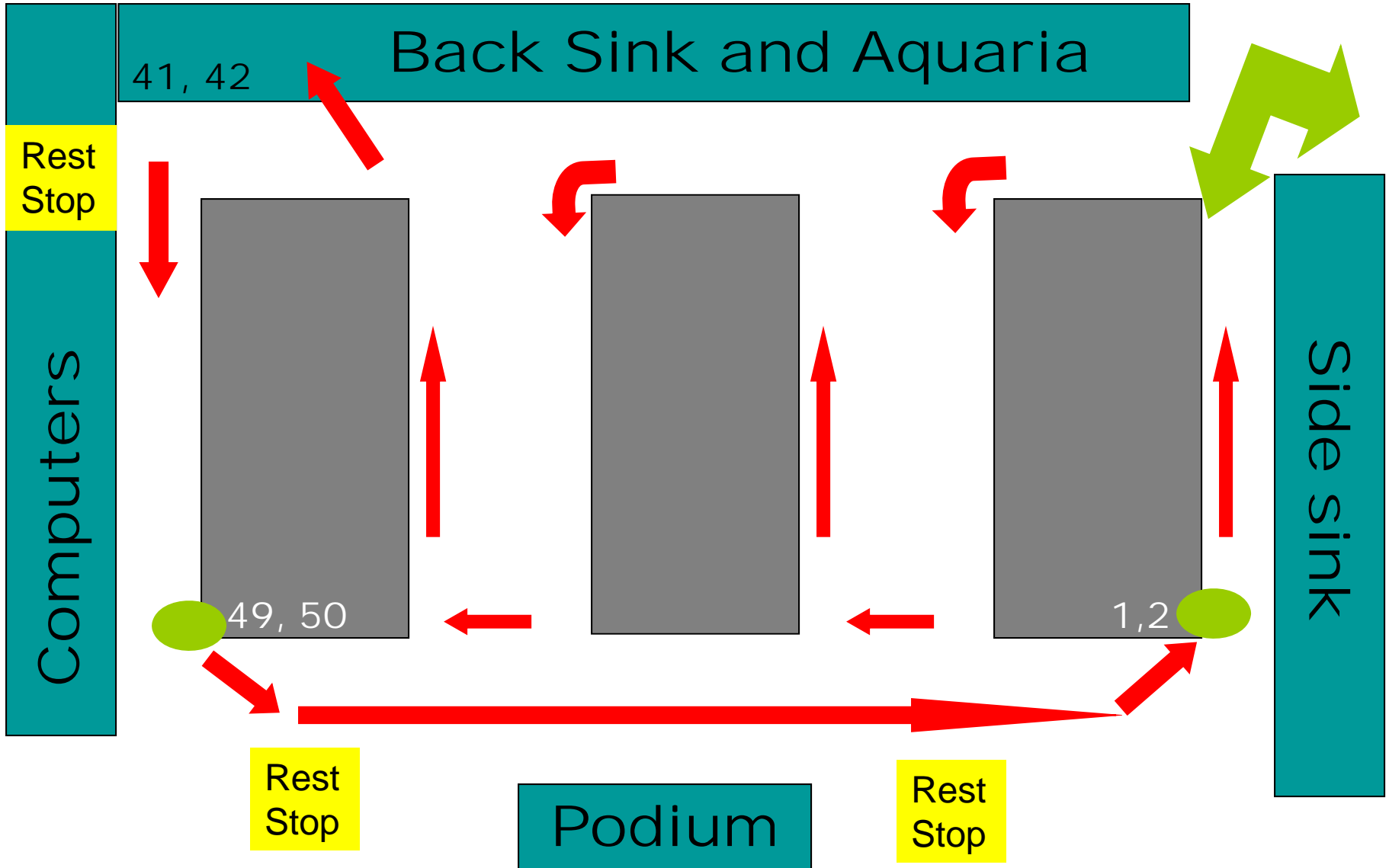
Secure Apps

FSU ID Management.

DO not write your Soc. Sec # or

the # on your FSU card on your paper

Student 'flow' around lab 1071



DON'T FORGET

STUDY the MICROSCOPE
- USAGE & PARTS!!!

*Compound vs. Dissection

*How to illuminate an opaque vs.
transparent object

*Magnification formula

Light Scope Info.

Dissecting Scopes enable you to see in 3-D (stereoscopically) while viewing opaque objects (e.g. dissections, entire small organisms) and to view transparent objects (large slides of whole mounts).

Compound scopes allow you to view only very thin transparent objects (thin slices or microscopic organisms made into slides).

Magnification of either scope ($Mag. = P \times O$)
= *Product* of *Objective* power x *Ocular* power

Terminology:

Common
to both:

eyepiece, ocular, ocular focus, objective,
arm, stage, coarse focus knob.

Dissecting:

base-plate, magnification selector or zoom

Compound:

fine adjustment, iris diaphragm, condenser

List of phyla for the midterm practical

KINGDOM ANIMALIA

LAB 1 PHYLUM Porifera

LAB 2 PHYLUM Cnidaria/Ctenophora

LAB 3 PHYLA Platyhelminthes
& Nemertina

LAB 4 PHYLA Nematoda, Rotifera
& Ectoprocta

PHYLUM Annelida

PHYLUM Arthropoda

(SUPHYLA Trilobitmorpha, Crustacea & Chelicerata.)

COMPARISON Qs

- A. How many of the following organisms are at the organ level of organization?
- B. Give the letter(s) of the organism(s) that has(have) a CLOSED circulatory system.

Compare traits and systems such as circulatory, excretion, reproduction etc. and group Phyla when studying!!!

= How you classify them

Body Types

How do you ID them???? (= spicules!)

Asconoid, Syconoid, Leuconoid

PHYLUM **Porifera**

Body Forms

Medusa vs. Polyp.....

PHYLUM **Cnidaria**

Level of Organization

Cell - PHYLUM Porifera

Tissue - PHYLA Cnidaria &
Ctenophora

Organ - PHYLUM Platyhelminthes

onward...

Tissue Layers

- Diploblastic - 2 Cell Layers

- PHYLA Cnidaria &
Ctenophora

- Triploblastic - 3 Cell Layers

- PHYLUM Platyhelminthes

onward...

Coelom Formation

Acoelomates (2 phyla)

Pseudocoelomates (3 phyla)

(Eu)Coelomates (5 phyla)

We are only dealing with two eucoelomate
phyla this practical exam...

Acoelomates

- PHYLUM Platyhelminthes
- PHYLUM Nemertina

Pseudocoelomates

- PHYLUM Nematoda
- PHYLUM Rotifera
- PHYLUM Ectoprocta

(Eu)Coelomates

- PHYLUM Annelida
- PHYLUM Arthropoda

PHYLUM Mollusca

PHYLUM Echinodermata

PHYLUM Chordata

Digestive System

Incomplete (no anus)

PHYLUM Cnidaria &
Ctenophora

PHYLUM Platyhelminthes

Complete

PHYLUM Nemertina

onward.....