



BIO191 MAY 2019 E-EXAM
BrainyEducare

Most focusing condensers are held in their mounting by _____.

Screws

Immersion oil may be removed using _____.

xylene

Live animals are generally collected from _____ habitats.

Aquatic

Pteridophytes are commonly known as _____.

vascular cryptogams

The modes of nutrition in Fungi are Saprophytic and _____.

parasitic

The most common gymnosperms are called _____.

Pines

In a squash preparation of the onion root tip, majority of cells will be in _____ phase.

Inter

References to "alcohol" in technique procedures mean _____.

Ethyl alcohol

_____ is used for rinsing blood and debris from tissues before placing them in a fixative.

Physiological saline

Alcohol grades are usually prepared from _____.

rectified spirit

Media whose constituents and the chemical composition are known are referred to as _____.

Synthetic media

_____ experiments are carried out to estimate the extent of a reaction or process.

Physiological

A device for measuring gas pressure is called a _____.

Manometer

The process of cutting open an animal in order to ascertain the structure of its parts is known as _____.

Dissection

Large animals are dissected in _____.

dissecting trays

Common anaesthesia used in the biology laboratory are Chloroform and _____.

Ether

Invertebrates are better opened up from their _____ side.

Dorsal

If the dissection involves cutting through tissues, you must take steps to ensure that the contents of the cut

tissues do not ____ with your studies.

Interfere

Earthworms are usually killed with _____.

Chloroform

Tilapia zillii belong to order _____.

Perciformes

The tail of a fish is posterior to the _____.

anal fin

Dissection of vertebrate is usually done from the _____ surface.

Ventral

In toads, oxygenated blood from the ventricle is driven into the _____.

truncus arteriosus

In toads, the pathetic nerve arises from the dorsal side of the brain.

Dorsal

In toads, there are _____ spinal nerves.

Ten

In toads, Sympathetic nerves arise from the _____.

Ganglia

Aves resemble reptiles in that they have _____.

shelled egg

In aves, the auditory aperture is located:

Some distance ***behind the eye***

A fold of skin between the upper arm and the fore arm of birds is known as _____.

Alar membrane

The hind limb of Aves has a short _____ closely bound to the trunk.

Thigh

In a bird's foot, the digit directed backwards is known as the _____.

Hallux

An animal's hair provides it with _____.

Insulation

In mammals, efficient gaseous exchange is made possible by the presence of a _____.

Diaphragm

In mammals, the diaphragm can be displayed by pulling the _____ away.

***liver ***

You should always observe your specimens closely and _____.

very ***carefully***

You keep the lab clean in order to

Avoid contamination

If you eat in the lab, you are likely to

Injure yourself and alter your results

You avoid making noise in the lab because

you will disturb others

Why is wearing of short in the lab not advisable?

To avoid injury

Wearing of a lab coat is

Professional

You open up a rat with

Scissors

Which of the following statements is incorrect about a microscope?

It is kept in a damp place

The essence of dissecting an animal or insect is

To display the internal organs/system

_____ constitute the largest number of living vertebrates

The bony fish

Tilapia zilli belongs to the Order

Perciformes

In T.zilli the anal fin is located -----

Posteriorally

The African toad protects itself when handled by the production of which fluid.....

Milky

An aspirator is a device used for collection of.....

Small insects

The Pteridophytes are ----- producing vascular plants

Spore

Used culture plates are better sterilized in the laboratory using-----

Autoclave

The culture of microorganisms is best done in the laboratory using

Laminar flow

Which of these items of the laboratory is out of place in the group?

Hot plate

Which of the following equipment utilizes steam for sterilization?

Autoclave

One of the following is not a laboratory equipment

Slide cabinet

Which of the following items is out of place in reporting your experiments?

None of the options

Which of these statements is correct about biological drawings?

Drawing should not be too small or too big

In practical biology, you -----

Follow tutors instructions

Which of the following is critical for good drawings?

Sharp pencil

In the study of biology, which of these statements is true?

Practical's should go hand-in-hand with theory

You display instructions in the laboratory using

A chart paper

You write instructions for display in the laboratory using

A colour pen

When a display is ready, it is pasted in the

Open lab walls and doors

Why should books, notes and purses be kept in designated places in the lab?

To avoid disturbance

The best anaesthetizing agent in the laboratory is

Chloroform

Which of the following does not belong to the microscope group?

Concave lens

The under listed are parts of the microscope except ____

Electric handle

You look into the microscope through the

Eyepiece

The light microscope uses

Sunlight source

The ultra structure of an object is best seen with the aid of

Electron microscope

A lab coat is

Protective