



ZO0101:Grand Quiz

Question # 30 of 30 (Start time: 12:18:11 PM, 04 January 2021)

Which type of gel is more difficult to prepare and handle?

Select the correct option



Agarose gel



Polyacrylamide gel



Both a & b



All of the above

Please Confirm the answer before attempting,

Prepared by zainab Arshad

Search...





BC200410076: AYESHA

ZOOTO1:Grand Quiz

Quiz Start Tl

Question # 29 of 30 (Start time: 12:10:59 PM, 04 January 2021)

Minsky's invention of confocal microscopy perform a _____ image construction by focusing a point of light.

Select the correct option



Side by side



Point by point



Close



Invert

Continue to next question



Search...





Vu bs zoology group (21 messages): Abira Han b... Abira Han

Question # 28 of 30 (Start time: 12:16:03 PM, 04 January 2021)

Which of the following fixative is used in routine?

Select the correct option



Alcohol



Formalin



Glutaraldehyde



All of the above



Search...





Question # 27 of 30 (Start time: 12:14:38 PM, 04 January 2021)

Which of the following is type of embedding mediums/ agents.

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | Paraffin wax |
| ☐ | Celloidin |
| ☐ | Resin |
| ☐ | All of the above |

Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 26 of 30 (Start time: 12:13:30 PM, 04 January 2021)

Explosive chemical is usually accompanied by the production of _____

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | Light |
| ☐ | Heat |
| ☐ | Sound & pressure |
| ☐ | All of the above |





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 25 of 30 (Start time: 12:12:01 PM, 04 January 2021)

In SYBR Gold method, the fluorescence enhancement is greater than equivalent ethidium bromide complex?

Select the correct option



1000 times



100 times



10 times



10,000 times



Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 24 of 30 (Start time: 12:10:59 PM, 04 January 2021)

Detection of DNA in Agarose gel is done by which methods?

Select the correct option



Ethidium bromide



SYBR Gold



Gel electrophoresis



Both a & b



Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 23 of 30 (Start time: 12:09:26 PM, 04 January 2021)

In gel casting mold, mold is formed by sealed the edges of glass plate by using

Select the correct option

- | | |
|-----------------------|------|
| ☐ | Gum |
| ☐ | Tape |
| ☐ | Gel |
| ☐ | None |

Search...





BC200410876: AYESHA

Z00101:Grand Quiz

Question # 22 of 30 (Start time: 12:08:21 PM, 04 January 2021)

Bright field illumination is useful for samples

Select the correct option

- | | |
|-----------------------|----------------------------------|
| ☐ | • Which have extrinsic colour |
| ☐ | • Which have dull colour |
| ☐ | • Which have an intrinsic colour |
| ☐ | • None of above |

Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 21 of 30 (Start time: 12:07:08 PM, 04 January 2021)

Which knives are used to cut ultrathin slices of samples for electron and light microscope?

Select the correct option

☐	Steel knives
☐	Glass knives
☐	Diamond knives
☐	Sapphire





NCT40412716 SYED MUHAMMAD USMAN

Time Left 09

ENCS311 General Quiz

Quiz Start Time: 11:29 AM, 04 January 2021

Questions # 25 of 30 (Start time: 11:54:15 AM, 04 January 2021)

Total Marks:

Choose the correct option:**Which of the following is NOT a guideline of writing request for appointment?**

Select the correct option:

- ☐ State the purpose up front.
- ☐ Suggest a meeting place, date, and time.
- ☐ Give all the necessary details for the reader.
- ☐ Begin the message with an attention-getting statement.



BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 20 of 30 (Start time: 12:05:51 PM, 04 January 2021)

In coagulative fixative, removal of water destabilizes

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | Covalent bonding |
| ☐ | Hydrogen bonding |
| ☐ | Ionic bonding |
| ☐ | All of the above |

Search...





BC200410876: AYESHA

ZDO101:Grand Quiz

Question # 19 of 30 (Start time: 12:04:06 PM, 04 January 2021)

_____ are classical knives shape with concavity on both sides.

Select the correct option

☐	Biconcave Knives
☐	Wedge shaped knives
☐	Chisel shaped knives
☐	All of the above



Search...





Question # 18 of 30 (Start time: 12:02:28 PM, 04 January 2021)

Rocking microtome produces very long ribbons of _____ sections without interruptions.

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | 20 to 30 microns |
| ☐ | 10 to 50 microns |
| ☐ | 5 to 20 microns |
| ☐ | 30 to 50 microns |

Search...





HC200410876: AYESHA

Time Left

Z00101 Grand Quiz

Quiz Start Time: 11:39 AM, 04 Janu

Question # 17 of 30 (Start time: 12:01:15 PM, 04 January 2021)

Total

Write types of conjugated Amino Acids: coagulants such as pantoic acid and trichloroacetic acid. Change the charges on the ionizable side chains of proteins.

Select the correct option

☐	Hydrogen bonding
☐	Electrostatic
☐	Both a & b
☐	Covalent

© Copyright 2000-2020 by All Rights Reserved. All Rights Reserved.

Search...





BC200410876: AYESHA

Z00101:Grand Quiz

Question # 16 of 30 (Start time: 12:00:15 PM, 04 January 2021)

It is convenient to process sample sizes not larger than 2 mm.

Select the correct option

☐	Quick freezing
☐	Fixation by heating
☐	Physical method
☐	Chemical method

Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 15 of 30 (Start time: 11:58:59 AM, 04 January 2021)

The instrument that used to cut the thin slices of material is called

Select the correct option

- | | |
|-----------------------|------------|
| ☐ | Microwave |
| ☐ | Microtome |
| ☐ | Vibratome |
| ☐ | Microscope |

Search...





ZOO101:Grand Quiz

Question # 14 of 30 (Start time: 11:57:36 AM, 04 January 2021)

Thick sections are compatible and sometimes even desirable if using confocal microscope by

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | B stack pictures |
| ☐ | A stack pictures |
| ☐ | Z stack pictures |
| ☐ | Both a & c |



Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 13 of 30 (Start time: 11:56:27 AM, 04 January 2021)

Bright-field microscopy typically has

Select the correct option

- | | |
|-----------------------|----------------------|
| ☐ | • High contrast |
| ☐ | • Low contrast |
| ☐ | • Very high contrast |
| ☐ | • None |

Search...





Z00101:Grand Quiz

Question # 12 of 30 (Start time: 11:54:49 AM, 04 January 2021)

The picric acid in Bouin solution presents challenges for safe handling and disposal due to its _____ potential

Select the correct option

☐	Mutagenic
☐	Explosive
☐	Both a&b
☐	None

Search...





ZOO101: Grand Quiz

ZOO101: Grand Quiz

Question # 11 of 30 (Start time: 11:53:14 AM, 04 January 2021)

For preparation of agarose gel, powdered agarose is added to a measured quantity of?

Select the correct option



0.5µg/ml



0.3µg/ml



1.5µg/ml



1.5mg/ml



Search...





BC200410876 AVESHA

Time Left 82 sec(s)

ZOO101 Grand Quiz

Quiz Start Time: 11:39 AM, 04 January 2021

Question # 10 of 30 (Start time: 11:52:04 AM, 04 January 2021)

Total Marks: 1

Once we are observing an object under a microscope by the 5X objective and the 10X eye piece we say that the image that we are able to perceive is ____ times of the object

Select the correct option

☐	05
☐	50
☐	100
☐	500

Q10: 10 Times (Because of 10 times the field of vision)

Search...





00200410670: RTE3NA

Z00101:Grand Quiz

Question # 9 of 30 (Start time: 11:50:46 AM, 04 January 2021)

which stain is used in sample-staining methods for use in microbiology?

Select the correct option



• Methylene blue



• Safranin



• Crystal violet



• All of above

Search...





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 8 of 30 (Start time: 11:49:28 AM, 04 January 2021)

Transmission electron microscope is used to view

Select the correct option

- | | |
|-----------------------|--------------------------------|
| ☐ | • Thin specimens |
| ☐ | • Thick specimen |
| ☐ | • Both thin and thick specimen |
| ☐ | • None of above |





ZOO101:Grand Quiz

Question # 7 of 30 (Start time: 11:48:17 AM, 04 January 2021)

Which of the following is powerful reducing agent?

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | Alcohol |
| ☐ | Formaldehyde |
| ☐ | Glutaraldehyde |
| ☐ | All of the above |

Search...





ZOO101:Grand Quiz

Question # 6 of 30 (Start time: 11:46:43 AM, 04 January 2021)

Microtomes are used in _____, allowing for the preparation of sample for observation

Select the correct option

- | | |
|-----------------------|-------------------|
| ☐ | PCR |
| ☐ | Microscope |
| ☐ | Both a&b |
| ☐ | Spectrophotometer |





BC200410876: AYESHA

ZOO101:Grand Quiz

Question # 5 of 30 (Start time: 11:45:10 AM, 04 January 2021)

Automated processing in tissue embedding involves which of the following step?

Select the correct option

- | | |
|-----------------------|----------------------|
| ☐ | Specimen transfer |
| ☐ | Fluid transfer |
| ☐ | Microwave processing |
| ☐ | All |

Search...



**Question # 4 of 30 (Start time: 11:43:31 AM, 04 January 2021)**

SYBR Gold method can detect ds DNA in Agarose gel up to

Select the correct option

10pg



20pg



>20pg



<20pg



Search...





Z00101:Grand Quiz

Question # 3 of 30 (Start time: 11:42:09 AM, 04 January 2021)

Which of the following is used in certain specific histological preparations

Select the correct option

☐	Potassium dichromate
☐	Chromic acid
☐	Potassium permanganate
☐	All of the above

Search...





ZO0101:Grand Quiz

Question # 2 of 30 (Start time: 11:41:11 AM, 04 January 2021)

In which year, Schwartz and Cantor developed pulsed-field gel?

Select the correct option

☐	1948
☐	1849
☐	1984
☐	1989



**Question # 1 of 30 (Start time: 11:39:56 AM, 04 January 2021)**

Commonly used fixative?

Select the correct option

- | | |
|-----------------------|------------------|
| ☐ | Alcohol |
| ☐ | Formalin |
| ☐ | Glutaraldehyde |
| ☐ | All of the above |

