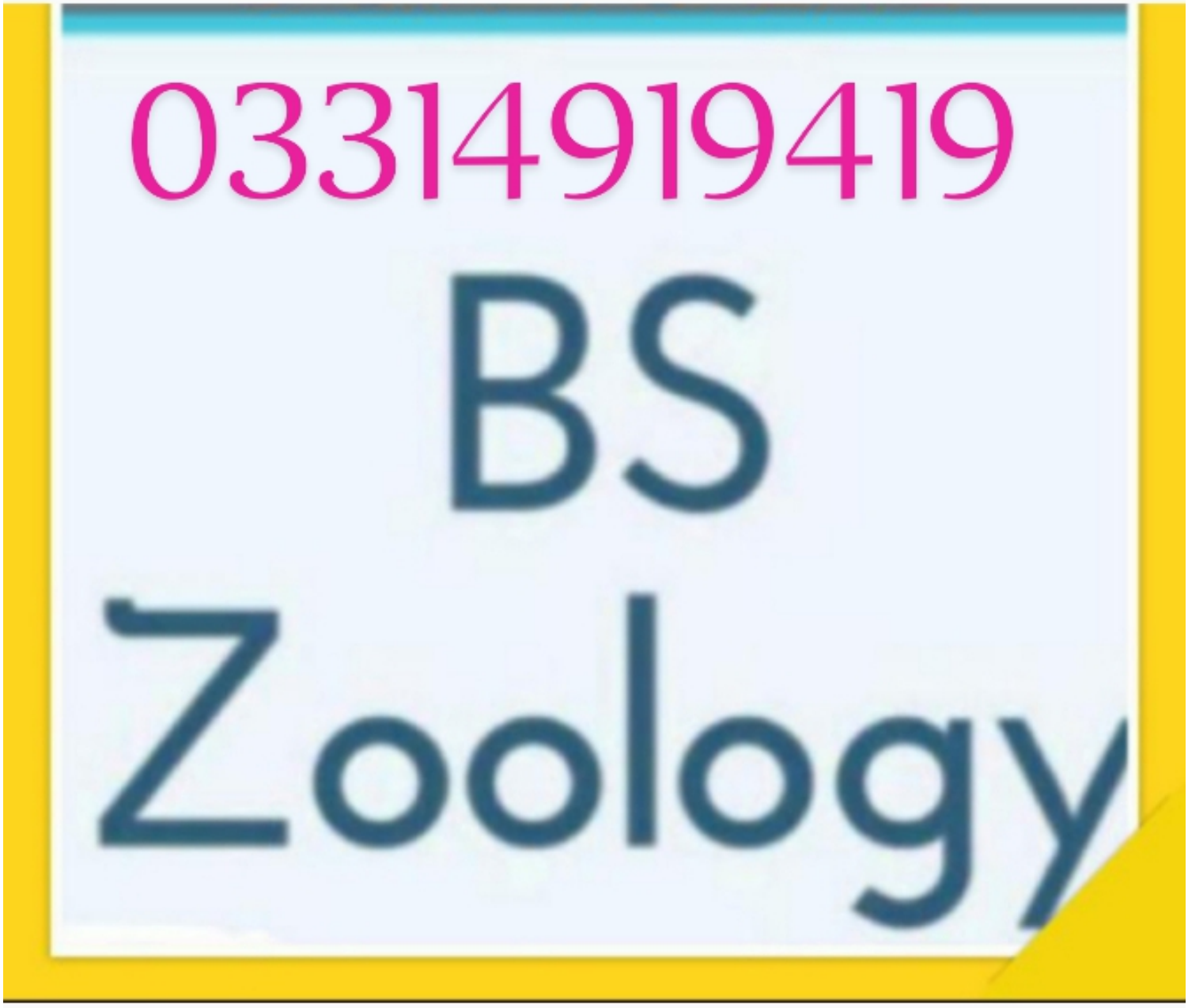
بسم اللّٰہ الرحمٰن الرحیم

EFFORT BY SAFDAR RIND

Remember me in prayers





SAFDAR RIND

Please Confirm the answer before attempting,

Prepared by zainab farshad

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12:17 PM
quiz.vu.edu.pk
BC200410876: AYESHA
ZOO101:Grand Quiz
Quiz Start Ti
Question # 29 of 30 (Start time: 12:16:59 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
SAFDAR RIND
Search...
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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

O	Alcohol
O	Formalin
O	Glutaraldehyde
O	All of the above

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12:14 PM
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Which of the following is type of of embedding mediums/ agents.

Select the correct option

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

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12:13 PM 29.5 K/s 63

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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

O	Light
O	Heat
O	Sound & pressure
O	All of the above

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12:12 PM

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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

- O 1000 times
- O 100 times
- O 10 times
- O 10,000 times

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12:11 PM
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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

O	Ethidium bromide
O	SYBR Gold
O	Gel electrophoresis
O	Both a & b

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12:09 PM 13.8 K/s 64

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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

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12:08 PM 1.2 K/s 64

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BC200410876: AYESHA

ZOO101: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

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12:07 PM 16.9 K/s 64

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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?

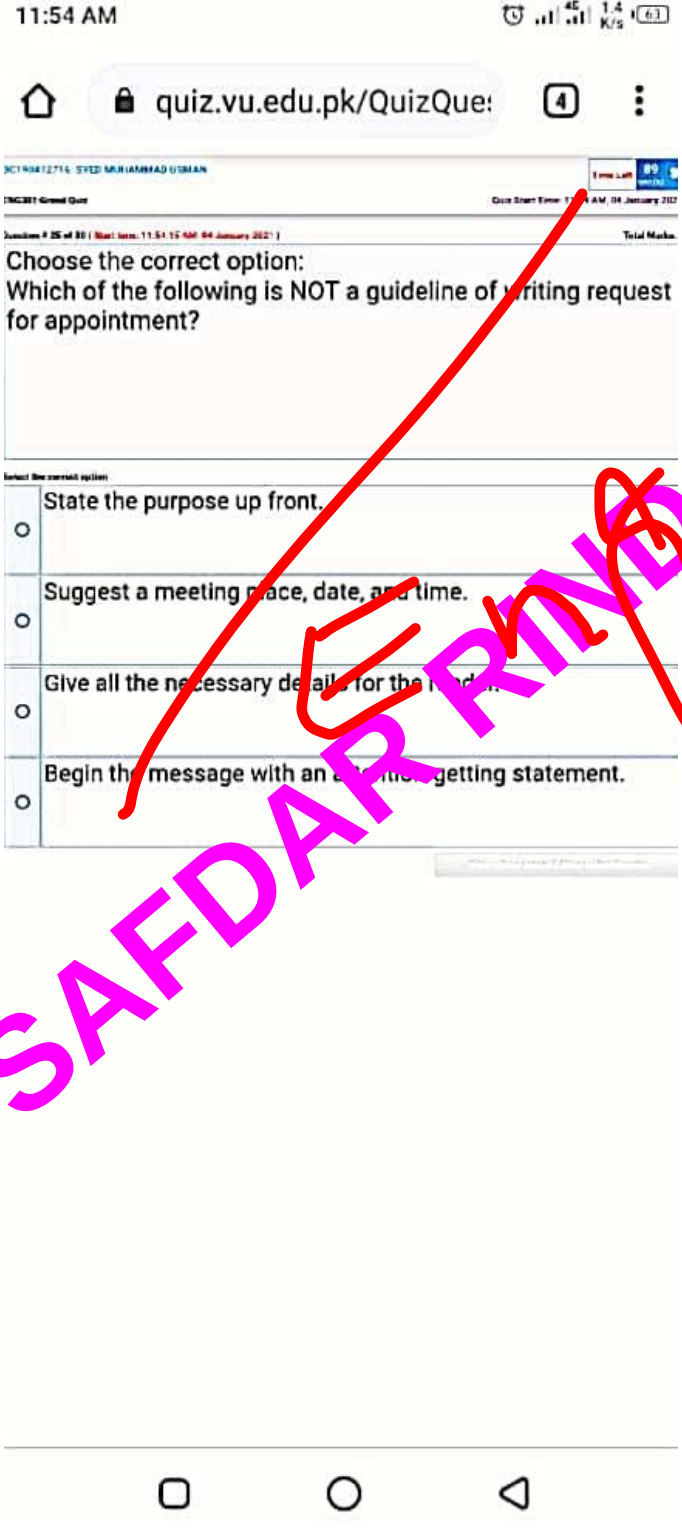
Select the correct option

O	Steel knives
O	Glass knives
O	Diamond knives
O	Sapphire

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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

SAFDAR RIND

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12:04 PM
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BC200410876: AYESHA

ZOO101: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

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

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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

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BC200410876 AYESHA

Time Left

ZOO101:Grand Quiz

Quiz Start Time: 11:39 AM, 04 Janu

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

Total

Other types of coagulant fixative Acidic coagulants such as picric acid and trichloroacetic acid Change the charges on the ionizable side chains of protein- Irrigation_____

Select the correct option

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

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BC200410876: AYESHA

ZOO101: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

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

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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

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11:57 AM
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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

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11:56 AM
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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

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11:54 AM
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ZOO101: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

O	Mutagenic
O	Explosive
O	Both a&b
O	None

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11:53 AM
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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

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11:52 AM 854 B/s 67

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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

- O 05
- O 50 ✓
- O 100
- O 500

SAFDAR RIND

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11:50 AM
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BC200410876: AYESHA

ZOO101: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

SAFDAR RIND

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11:49 AM 1.7 K/s 67

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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

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11:48 AM 22.2 K/s 68

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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

O	Alcohol
O	Formaldehyde
O	Glutaraldehyde
O	All of the above

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11:46 AM
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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

SAFDAR RIND

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11:45 AM
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BC200410876: AYESHA

ZOO101:Grand Quiz

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

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

Select the correct option

- Specimen transfer
- Fluid transfer
- Microwave processing
- All

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11:43 AM
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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

SAFDAR RIND

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11:42 AM
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ZOO101: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

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

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11:41 AM
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ZOO101: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

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11:40 AM
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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

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