



Confidence Must Rest In Your Wrist
BABA AMTE

Maharogi Sewa Samiti, Warora

**ANAND NIKETAN COLLEGE,
ANANDWAN**



BOTANICAL SOCIETY

ORGANIZING

BOTANY EXAMTHON-2021

Online MCQ based series of Unit Tests and Prelims in the subject Botany for PG students of Gondwana University, Gadchiroli from 01st August to 12th August, 2021.

OBJECTIVES

- ❖ To revise topic contents in detail with reasoning ability.
- ❖ To practice solving of MCQs in prescribed duration.
- ❖ To bring attention of student and build subject interest.
- ❖ To make students attentive in online examination patterns.
- ❖ To build confidence among students and restrain them from indulging in unfair activities during University Online Examinations.

FEATURES OF THE ACTIVITY

- ✓ Test examination on each prescribed Unit of the Theory Paper.
- ✓ Prelims on the entire Theory Paper prescribed in the syllabus.
- ✓ Answer Feedback with reference texts, diagrams, videos and links.
- ✓ On request repeat examination facility.

ELIGIBILITY AND RULES FOR PARTICIPATION

- Regular and External M. Sc. Botany students of even semesters (II and IV) studying in Colleges affiliated to Gondwana University, Gadchiroli are eligible for participation.
- Student has to download Google Classroom App in the device.
- Student has to join Google Classroom using the code **o4akq5w** or by clicking the link <https://classroom.google.com/c/Mzc1MTI5NzEwMDAw?cjc=o4akq5w>
- Links for the scheduled examination will be shared on the Google Classroom only.
- Any query and request will be entertained through message only to **8766916089**.
- Student participants attending all Unit Tests and Prelims and exhibiting consistent performance by scoring 40 % and above marks will receive e-Certificate with following Botanical Society Badges and Titles;
 - ❖ Outstanding Performance scoring 80% and above,
 - ❖ Excellent Performance scoring 60 to 79 %.

Tentative Time Table for Online MCQ based Unit Test BOTANY EXAMTHON, Summer - 2021

Date	Day	Time	Class/Semester	Paper (Unit)
01/08/2021	Sunday	9:00 to 9:30 am	M. Sc. SEM II	Paper V: Plant Physiology & Biochemistry; Unit I: Photosynthesis
			M. Sc. SEM IV	Paper XIII: Plant Biotechnology; Unit I: RDT. Genetic Engineering of Plants
		12:00 to 12:30 pm	M. Sc. SEM II	Paper V: Plant Physiology & Biochemistry; Unit II: Respiration
			M. Sc. SEM IV	Paper XIII: Plant Biotechnology; Unit II: Microbial Genetic manipulation, Genomics, Proteomics
		6:00 to 6:30 pm	M. Sc. SEM II	Paper V: Plant Physiology & Biochemistry; Unit III: Metabolisms and Nutrient Cycles
			M. Sc. SEM IV	Paper XIII: Plant Biotechnology; Unit III: PTC, Transgenic Production
8:00 to 8:30 pm	M. Sc. SEM II	Paper V: Plant Physiology & Biochemistry; Unit IV: Enzymology and Solute Transportation		
	M. Sc. SEM IV	Paper XIII: Plant Biotechnology; Unit IV: Bioinformatics		
02/08/2021	Monday	9:00 to 9:30 am	M. Sc. SEM II	Paper VI: Plant Development and Reproduction; Unit I: Shoot Development
			M. Sc. SEM IV	Paper XIV: Angiosperms-II; Unit I: Magnolidae, Hamamelidae, Dilleniidae, Rosidae, Asteridae
		12:00 to 12:30 pm	M. Sc. SEM II	Paper VI: Plant Development and Reproduction; Unit II: Leaf, Root, Flower Development
			M. Sc. SEM IV	Paper XIV: Angiosperms-II; Unit II: Alismatidae, commelinidae, Aracidae, Liliidae, Cucurbitaceae, Cactaceae, Asteraceae, Amentiferae, Lemnaceae, Palmae, Orchidaceae
		6:00 to 6:30 pm	M. Sc. SEM II	Paper VI: Plant Development and Reproduction; Unit III: Male, Female Gametophyte Development, Pollen-Pistil Interactions
			M. Sc. SEM IV	Paper XIV: Angiosperms-II; Unit III: Probable ancestors of angiosperms, primitive living angiosperms, speciation, extinction, IUCN categories, distribution & global pattern of biodiversity.
8:00 to 8:30 pm	M. Sc. SEM II	Paper VI: Plant Development and Reproduction; Unit IV: Seed & Fruit Development, PCD		
	M. Sc. SEM IV	Paper XIV: Angiosperms-II; Unit IV: Biodiversity		
03/08/2021	Tuesday	9:00 to 9:30 am	M. Sc. SEM II	Paper VII: Cell & Molecular Biology-I; Unit I: Cell Wall, Plasma Membrane, Plasmodesmata
			M. Sc. SEM IV	Paper XV: Molecular Biology and Plant Biotechnology-II; Unit I: Transgenics
		12:00 to 12:30 pm	M. Sc. SEM II	Paper VII: Cell and Molecular Biology-I; Unit II: Cellular Organelles, Cell Shape and Motility
			M. Sc. SEM IV	Paper XV: Molecular Biology and Plant Biotechnology-II; Unit II: Transformation
		6:00 to 6:30 pm	M. Sc. SEM II	Paper VII: Cell and Molecular Biology-I; Unit III: Nucleus
			M. Sc. SEM IV	Paper XV: Molecular Biology and Plant Biotechnology-II; Unit III: PTC
8:00 to 8:30 pm	M. Sc. SEM II	Paper VII: Cell and Molecular Biology-I; Unit IV: Molecular Biology of Stress Response		
	M. Sc. SEM IV	Paper XV: Molecular Biology and Plant Biotechnology-II; Unit IV: Cleaner Biotechnology		
04/08/2021	Wednesday	9:00 to 9:30 am	M. Sc. SEM II	Paper VIII: Angiosperm-I; Unit I: Angiosperm Morphology
			M. Sc. SEM IV	Paper XVI: Basic Botany-II; Unit I: Plant Physiology
		12:00 to 12:30 pm	M. Sc. SEM II	Paper VIII: Angiosperm-I; Unit II: Angiosperm Taxonomy
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			M. Sc. SEM IV	Paper XVI: Basic Botany-II; Unit III: Economic Botany
8:00 to 8:30 pm	M. Sc. SEM II	Paper VIII: Angiosperm-I; Unit IV: Biosystematics, Plant Nomenclature		
	M. Sc. SEM IV	Paper XVI: Basic Botany-II; Unit IV: Paleobotany		

Tentative Time Table for Online MCQ based Pre-Term BOTANY EXAMTHON, Summer – 2021

FIRST ROUND

Date	Day	Time	Class	Paper
05/08/2021	Thursday	7:00 to 8:15 pm	M. Sc. SEM II	Paper V PSCBOTT05 Plant Physiology and Biochemistry
			M. Sc. SEM IV	Paper XIII PSCBOTT13 Plant Biotechnology
06/08/2021	Friday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VI PSCBOTT06 Plant Development and Reproduction
			M. Sc. SEM IV	Paper XIV PSCBOTT14 Angiosperms-II
07/08/2021	Saturday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VII PSCBOTT07 Cell and Molecular Biology
			M. Sc. SEM IV	Paper XV PSCBOTT15 Molecular Biology and Plant Biotechnology
08/08/2021	Sunday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VIII PSCBOTT08 Angiosperms-I
			M. Sc. SEM IV	Paper XVI PSCBOTT16 Basic Botany-II

SECOND ROUND

Date	Day	Time	Class	Paper
09/08/2021	Monday	7:00 to 8:15 pm	M. Sc. SEM II	Paper V PSCBOTT05 Plant Physiology and Biochemistry
			M. Sc. SEM IV	Paper XIII PSCBOTT13 Plant Biotechnology
10/08/2021	Tuesday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VI PSCBOTT06 Plant Development and Reproduction
			M. Sc. SEM IV	Paper XIV PSCBOTT14 Angiosperms-II
11/08/2021	Wednesday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VII PSCBOTT07 Cell and Molecular Biology
			M. Sc. SEM IV	Paper XV PSCBOTT15 Molecular Biology and Plant Biotechnology
12/08/2021	Thursday	7:00 to 8:15 pm	M. Sc. SEM II	Paper VIII PSCBOTT08 Angiosperms-I
			M. Sc. SEM IV	Paper XVI PSCBOTT16 Basic Botany-II

ORGANIZING COMMITTEE

CONVENER

Dr. Prashant J. Wagh
Contact Number: 8766916089

PRINCIPAL

Dr. Mrunal C. Kale
Anand Niketan College, Anandwan

COORDINATORS

Ms. Vidya D. Dadmal
Mr. Chetan A. Warade



Anandwan
Smart Village



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Anandwan
Smart Village

Gondwana University Gadchiroli B.Sc. Sem VI Online Practical Examination (Mock Test) Summer 2020

Subject: Zoology

Gondwana University Gadchiroli

Practical Exam Question-Answer Format

[As per the University Practical Exam. Scheme]

Centre: Anand Niketan College, Anandwan, Warora.

Time: 50 Minutes

Marks: 30

*** Required**

1. Email *

2. Name of Student *

3. Roll No. *

4. Class *

5. PRN No.

6. Mobile No. *

7. E-mail ID *

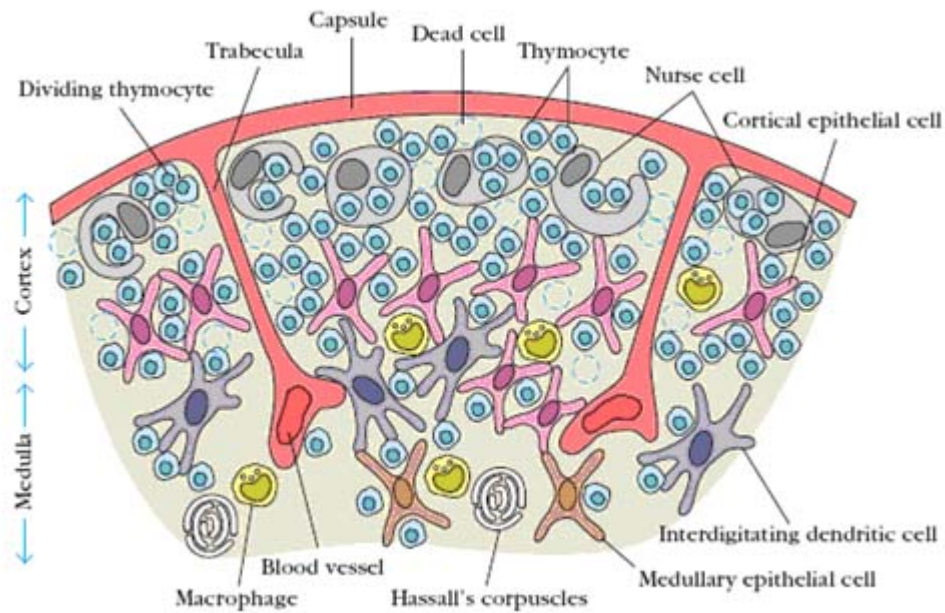
8. Date of Exam *

Example: January 7, 2019

Identification of Spot

9. 1. Identify the given spot

1 point

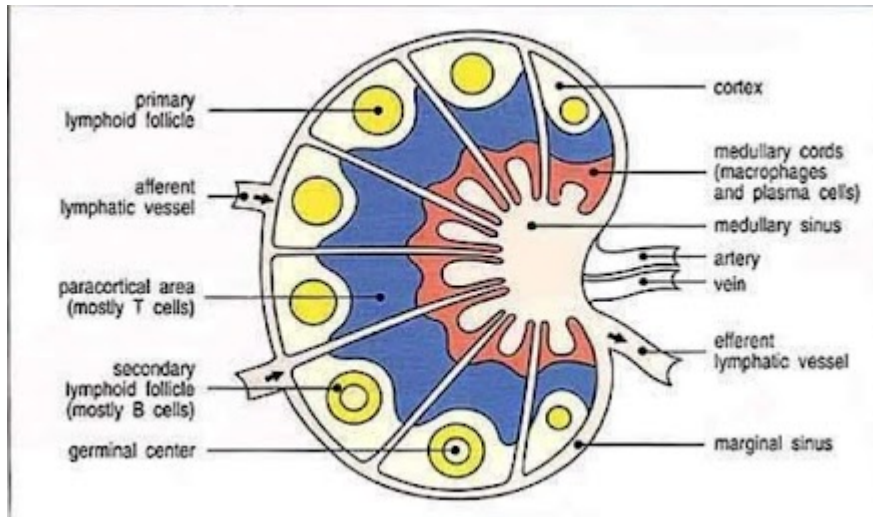


Mark only one oval.

- Lymph Node
- Spleen
- Thymus
- Liver

10. 2. Identify the following spot:

1 point

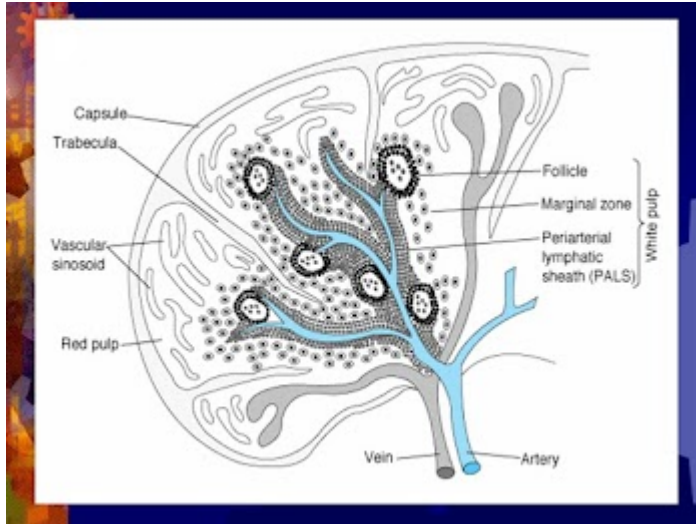


Mark only one oval.

- Spleen
- Lymph Node
- Thymus
- None of the above

11. 3. Identify the given spot;

1 point



Mark only one oval.

- Spleen
- Lymph Node
- Bone Marrow
- Thymus

12. 4. Which of the following cell mature in the Thymus?

1 point

Mark only one oval.

- B-Cell
- T-Cell
- Macrophage
- Dendritic Cell

13. 5. Which of the following is the primary lymphoid organ?

1 point

Mark only one oval.

- Lymph Node
- Spleen
- Bone Marrow
- MALT

Major Experiment Immunology

14. 1. Write a short note on the material required for Ouchterlony Double-Diffusion. *

1 point

15. 2. Why do we perform Ouchterlony Double-Diffusion? *

1 point

16. 3. What is the antibody excess zone (prozone phenomenon)?

1 point

Mark only one oval.

- An increasing amount of antigen added to constant amount of antibody
- An increasing amount of antibody added to constant amount of Antigen
- An increasing amount of antibody added to increasing amount of Antigen
- Constant amount of Antibody added to constant amount of antigen

17. 4. The precipitin lines will be visible in

1 point

Mark only one oval.

- 1-2 hours
- 4-8 hours
- 10-12 hours
- 24-48 hours

Minor Experiment Immunology

18. 1. What is the location of the antigen in RBC?

1 point

Mark only one oval.

- Cytoplasm
- Nucleus
- Cell Surface
- Mitochondria

19. 2. If there is no clumping in all three cavities, then the blood sample contains _____ blood group 1 point

Mark only one oval.

- AB +ve
- O -ve
- O +ve
- B -ve

Section Cutting

20. 1. The thickness of the sections should be 1 point

Mark only one oval.

- 0.05 micron
- 0.5 micron
- 5.0 micron
- 50 micron

21. 2. What causes sections curl into tubes as they are cut and ribbon not form as a result? 1 point

Mark only one oval.

- The sections do tend to curl in the beginning
- Knife angle inclined too much
- Knife is not sufficiently sharp
- All of the above

Staining

22. 1. What is the use of xylene?

1 point

Mark only one oval.

- Clearing agent
- Stain
- Dehydrating agent
- Mounting material

23. 2. Which of the following stains are used for the double staining method?

1 point

Mark only one oval.

- Safranin - Hematoxylene
- Hematoxylene - Methylene Blue
- Eosin - Hematoxylene
- Eosin - Methylene Blue

24. 3. Choose the correct staining sequence

1 point

Mark only one oval.

- Deparaffinization - Hydration - Staining - Washing - Dehydration
- Washing - Dehydration - Staining - Hydration - Deparaffinization
- Deparaffinization - Dehydration - Washing - Staining - Hydration
- Staining - Dehydration - Washing - Deparaffinization - Hydration

Bioinformatics

25. 1. Which of the following is NOT a protein sequence database?

1 point

Mark only one oval.

- PIR
- SWISS-PROT
- GenBank
- UniProt

26. 2. Which of the following tool is used for sequence alignment?

1 point

Mark only one oval.

- BLAST
- FASTA
- Pfam
- All of the above

Biostatistics

27. 1. What is the mode of the following distribution? 25, 17, 23, 23, 24, 25, 23

1 point

Mark only one oval.

- 25
- 23
- 17
- 24

28. 2. Find the mean following distribution? 12, 15, 12, 14, 15, 18

1 point

Mark only one oval.

14.3

14

13.5

12

29. 3. Which of the following is a graphic representation of a cumulative frequency distribution?

1 point

Mark only one oval.

Frequency Polygon

Pie Charts

Line Chart

Ogive

VIVA

30. 1. Which microtome did you use for section cutting?

1 point

Mark only one oval.

Rocking

Rotary

Locomotory

Rockorotary

31. 2. Which of the following is NOT a clearing agent?

1 point

Mark only one oval.

- Xylene
- Cedar Wood Oil
- Alcohol
- Clove Oil

32. 3. Acquired immunity is known as

1 point

Mark only one oval.

- Specific immunity
- Non-specific immunity
- Innate immunity
- Primary line of defense

33. 5. Which of the following Immunoglobulin is present in Pentameric form

1 point

Mark only one oval.

- IgG
- IgD
- IgM
- All of the above

Practical Record

34. Have you submitted a certified practical record?

5 points

Mark only one oval.

Yes

No

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Google Forms

Gondwana University Gadchiroli B.Sc. Sem VI Online Practical Examination (Mock Test) Summer 2020 Subject: Zoology

69 responses

[Publish analytics](#)

Name of Student

69 responses

Vijeta Vasantarao Darokar

Shital devidas wandhare

Ravi Chandrabhan Apate

Shruti Neware

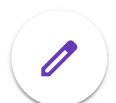
Pratiksha Ashok Narawade

Shraddha dhote

Monali waman dhawas

Kiran Sukhadeo Barekar

Nikita bhojraj Ekare



Roll No.

69 responses

3147221

3147318

3147186

3147286

3147284

22

3147225

3147196

3147232

Class

69 responses

B.sc 3rd year

Bsc 3rd year VI sem

Bsc.3rd year

B.sc IV sem

Bsc-III CBZ

Bsc 3 year sem 6

Bsc 3rd year cbz

B.sc final year CBZ

Bsc 3rd yr



PRN No.

69 responses

2017033700029337

2017033700020014

2014033700261235

207033700012337

2017033700011885

2017033700029002

2017033700031273

2017033700029191

201733700029955

Mobile No.

69 responses

9156501250

7391017166

8459480595

9284744981

9503371031

9309755016

7507016560

7745027439

9607451368



E-mail ID

69 responses

vijetadarokar123@gmail.com

shitalw2018@gmail.com

rapte12@gmail.com

Shrutineware01@gmail.com

Pnarawade2019@gmail.com

Shraddhadhote13@gmail.com

monalidhawas16@gmail.com

kiranbarekar0101@gmail.com

Nikitaekare8@gmail.com

Date of Exam

69 responses

Nov 1995	18
Jul 1997	1
May 1999	18
Sep 1999	1
Sep 2020	16 65

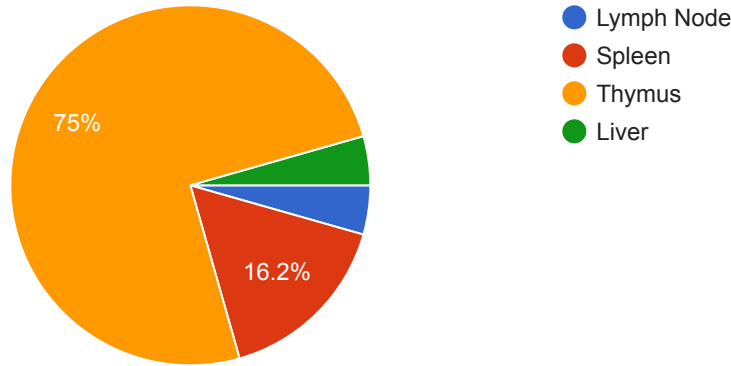
Identification of Spot



1. Identify the given spot

 Copy

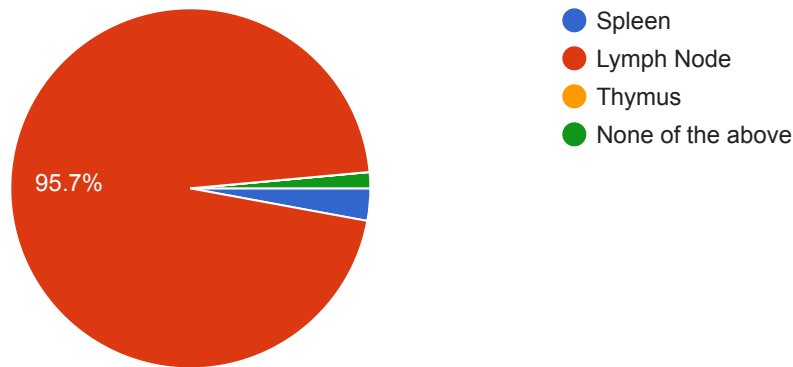
68 responses



2. Identify the following spot:

 Copy

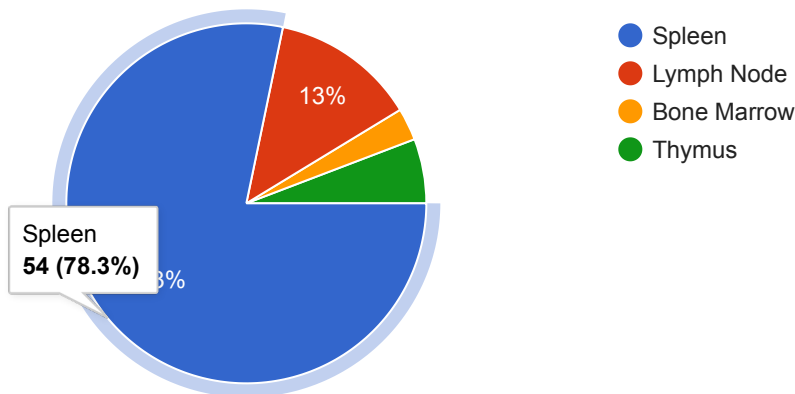
69 responses



3. Identify the given spot;

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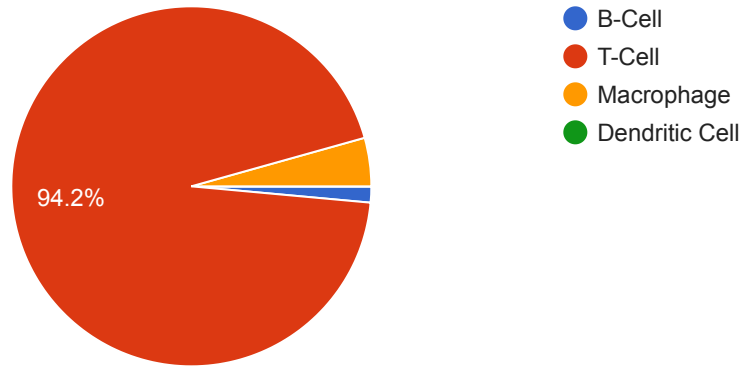
69 responses



4. Which of the following cell mature in the Thymus?

 Copy

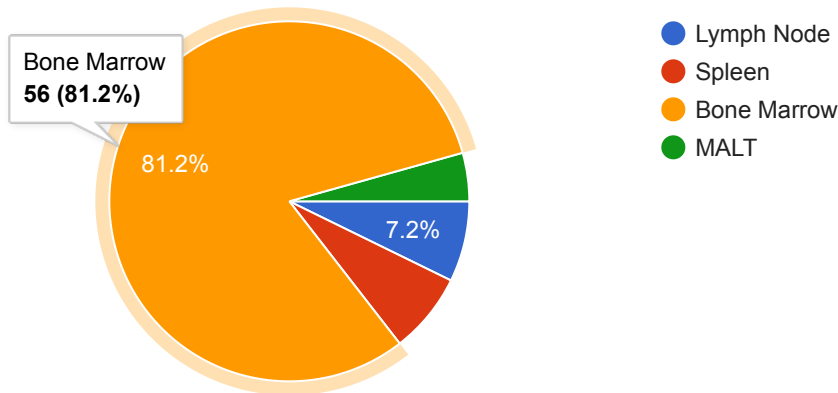
69 responses



5. Which of the following is the primary lymphoid organ?

 Copy

69 responses



Major Experiment Immunology



1. Write a short note on the material required for Ouchterlony Double-Diffusion.

67 responses

Which are useful for the analysis of antigen and antibody.

The double diffusion assay it is frequently useful of comparing different antigen preparation.

Micropipette, microslide, antigen and antibody solution

Micropipette, microslide, antigen solution antibody well puncture

Micropepet, Microslide, antigen solution, antigen solution

Micro pepette, micro slide, antigen solution, well puncture

Immuno diffusion is get in compound the variety of techniques which are useful for the analysis of antigen and antibody complex. double diffusion it is frequently useful in comparing different antigen preparation

Micro pepitte, antigen solution, antiserum, assay buffer, gel punch with syringe, agarose, petri plate distilled water, etc.

2. Why do we perform Ouchterlony Double-Diffusion?

65 responses

To analysis antigen and antibody

No

Demonstration how to occur the degree of similarity of antigen.

Different antigen preparation each containing the single antigenic species.

Similarity between antigen and antiserum well pattern of line. It can be illustrated . (1) pattern of identity. (2) pattern of partial identity (3) pattern of non identity

Agarose gel and prepare the microslide .antigen and antibody solution 25 to 100 microliter

Antigen and antibody are allow to diffuse into the gel.

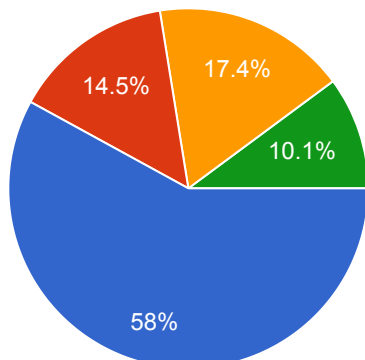
The ouchterlony double diffusion technique is one of the simplest techniques extensively used to check antisera for the presence of antibodies for a particular Ag and to determine Titre.

Because this technique useful for the analysis of antigen and antibody

3. What is the antibody excess zone (prozone phenomenon)?



69 responses

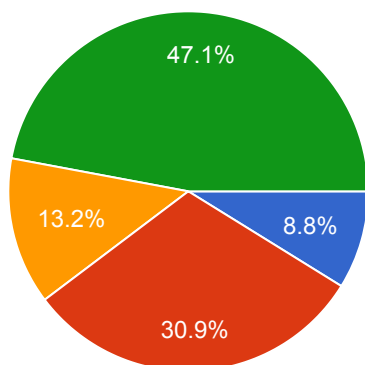


- An increasing amount of antigen added to constant amount of antibody
- An increasing amount of antibody added to constant amount of Antigen
- An increasing amount of antibody added to increasing...
- Constant amount of Antibody added to constant amount of...

4. The precipitin lines will be visible in



68 responses



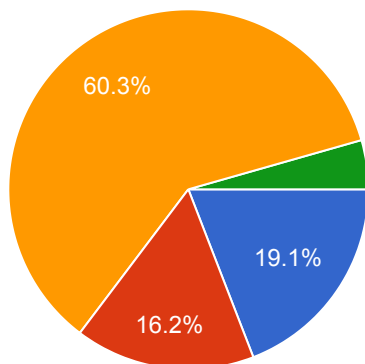
- 1-2 hours
- 4-8 hours
- 10-12 hours
- 24-48 hours

Minor Experiment Immunology

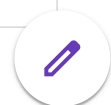
1. What is the location of the antigen in RBC?



68 responses



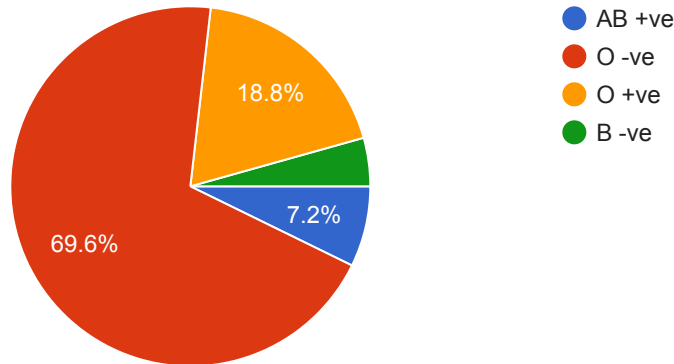
- Cytoplasm
- Nucleus
- Cell Surface
- Mitochondria



2. If there is no clumping in all three cavities, then the blood sample contains _____ blood group



69 responses

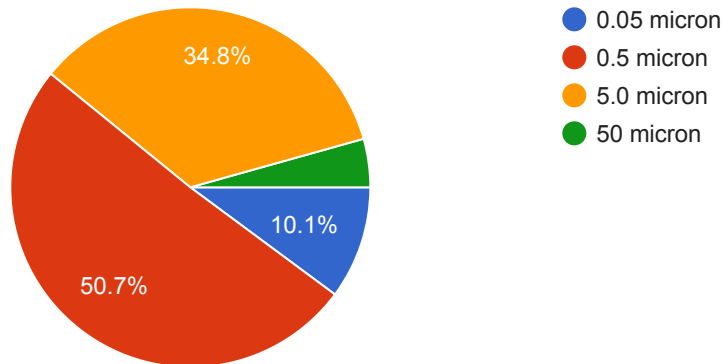


Section Cutting

1. The thickness of the sections should be



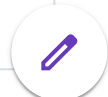
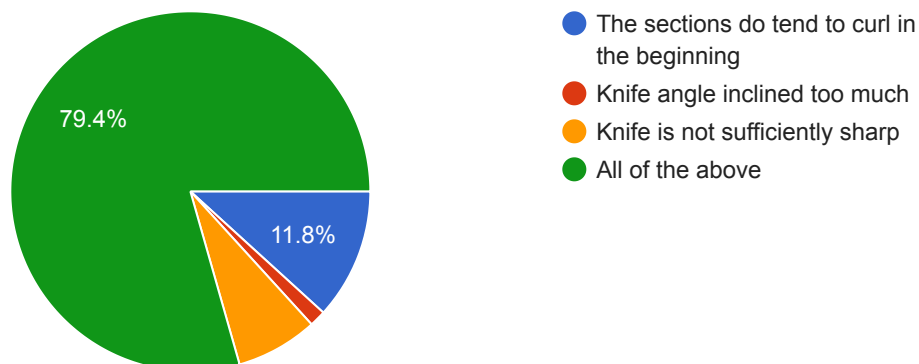
69 responses



2. What causes sections curl into tubes as they are cut and ribbon not form as a result?



68 responses

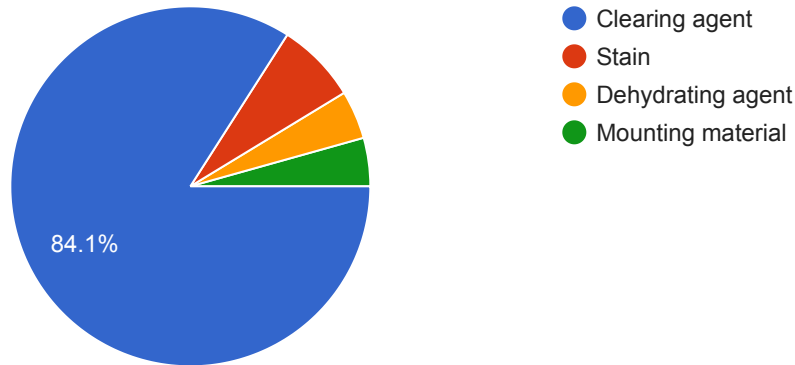


Staining

1. What is the use of xylene?

 Copy

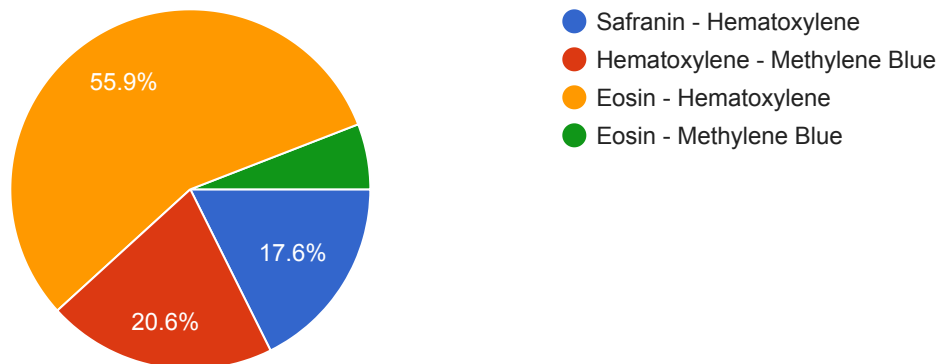
69 responses



2. Which of the following stains are used for the double staining method?

 Copy

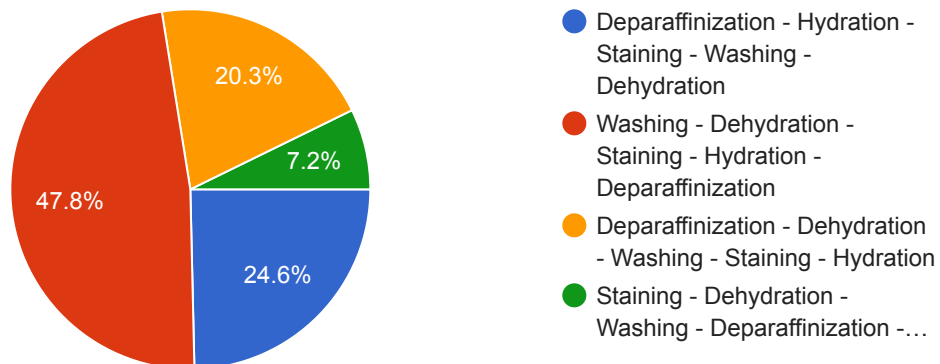
68 responses



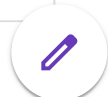
3. Choose the correct staining sequence

 Copy

69 responses



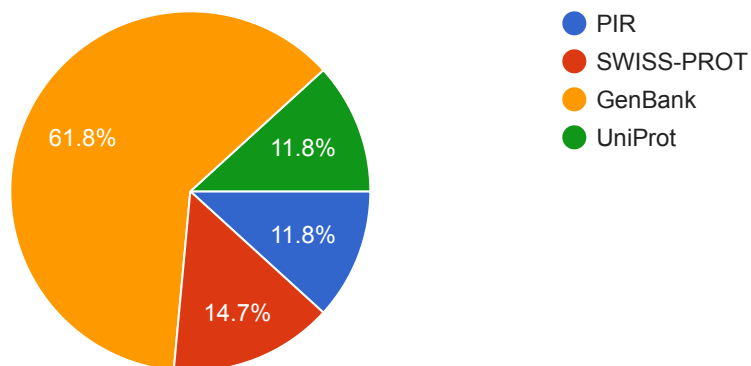
Bioinformatics



1. Which of the following is NOT a protein sequence database?

 Copy

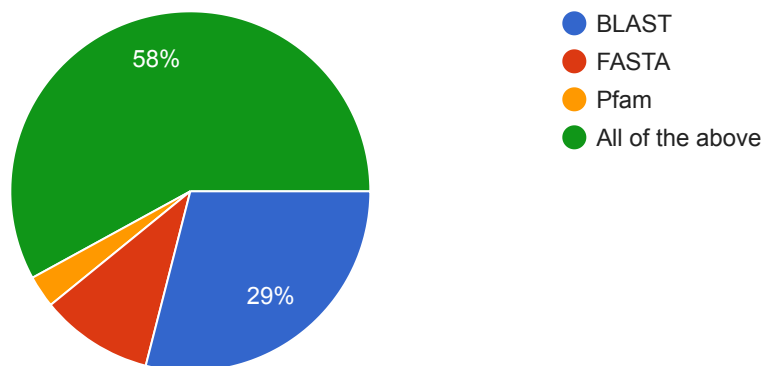
68 responses



2. Which of the following tool is used for sequence alignment?

 Copy

69 responses

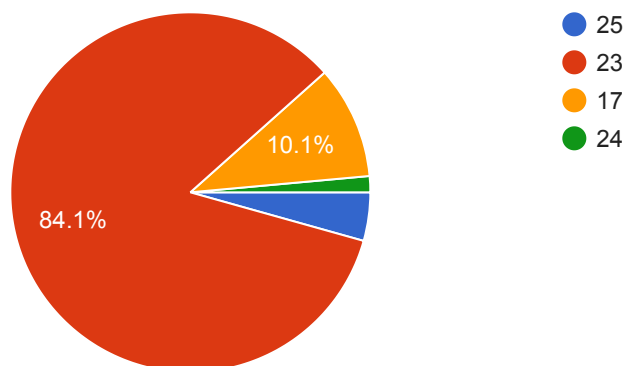


Biostatistics

1. What is the mode of the following distribution? 25, 17, 23, 23, 24, 25, 23

 Copy

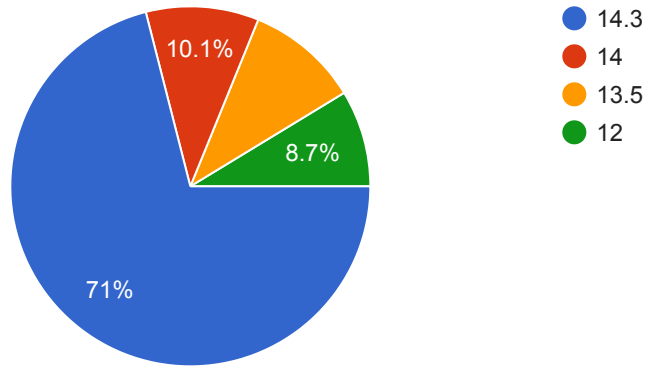
69 responses



2. Find the mean following distribution? 12, 15, 12, 14, 15, 18

 Copy

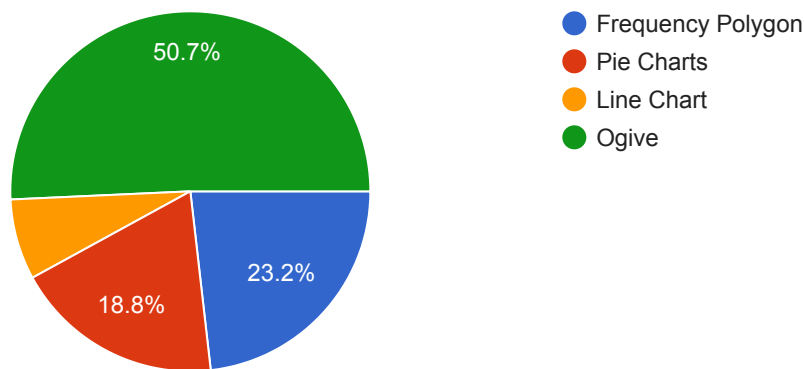
69 responses



3. Which of the following is a graphic representation of a cumulative frequency distribution?

 Copy

69 responses

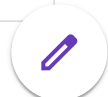
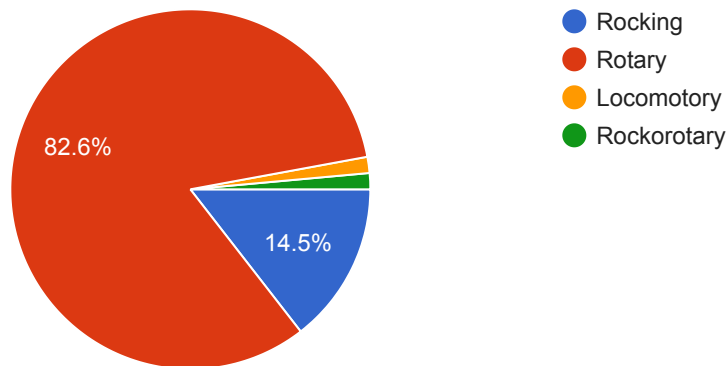


VIVA

1. Which microtome did you use for section cutting?

 Copy

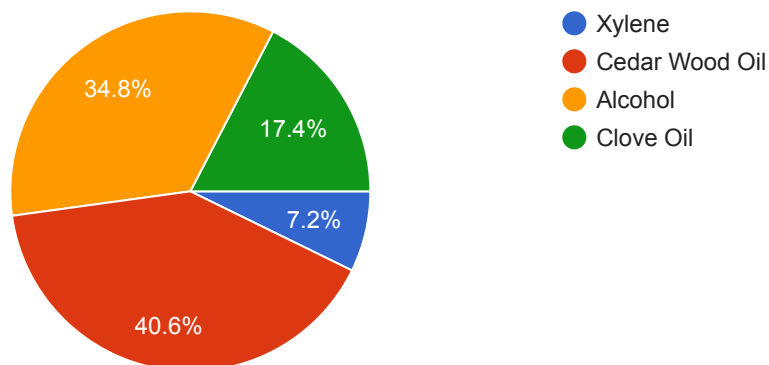
69 responses



2. Which of the following is NOT a clearing agent?

 Copy

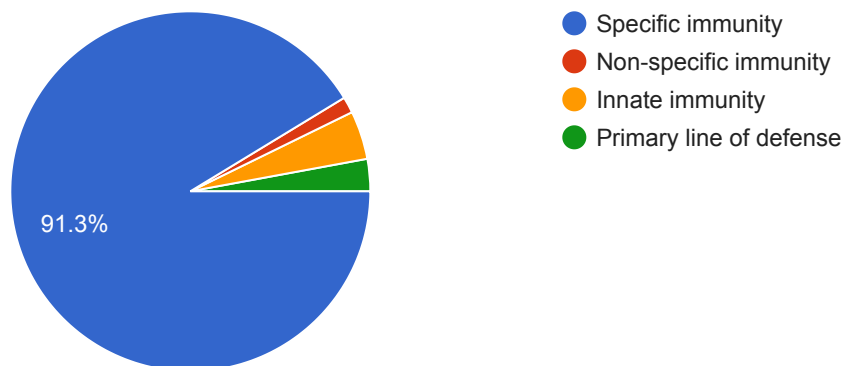
69 responses



3. Acquired immunity is known as

 Copy

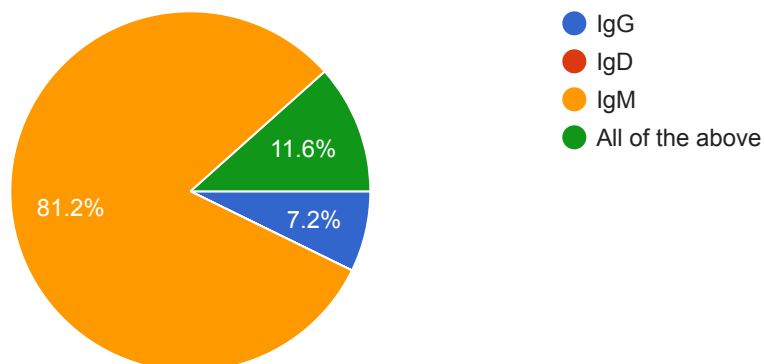
69 responses



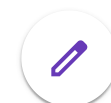
5. Which of the following Immunoglobulin is present in Pentameric form

 Copy

69 responses



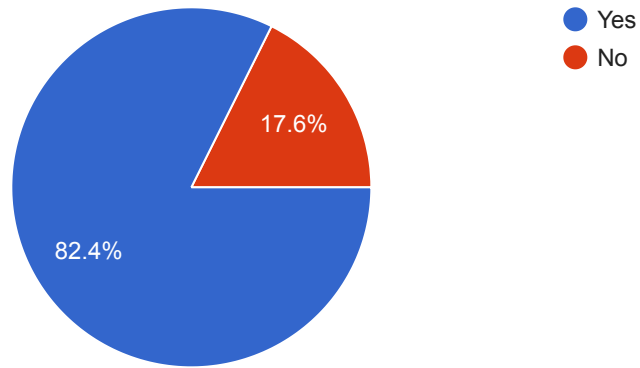
Practical Record



Have you submitted a certified practical record?

 Copy

68 responses



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MOCK TEST { Practical Exam - 2021}

BSc. Part -2 Sem - 4

Subject - Chemistry Practical

Organized by

Department Of Chemistry

Anand Niketan College, Warora

Note -1] All questions are compulsory.

2] Each questions carry one Marks.

*** Required**

1. Email *

2. Name Of The Student *

3. Class - BSc. 2nd Year [PCM / CBZ] *

Mark only one oval.

PCM

CBZ

4. Mobile Number *

Que. No.-1

5. 1) Name the reagent used to detect carbonyl group in a compound *

Mark only one oval.

- NaHCO₃
- Carbylamine
- 2,4 dinitrophenyl hydrazine
- None of the above

Que. No.-2

6. 2) When organic compound is added with saturated NaHCO₃ and Brisk effervescence is obtained *

Mark only one oval.

- Presence of - CHO group
- Presence of -COOH group
- Presence of carbohydrate
- Presence of amine group

Que. No.-3

7. 3) Brown ring test appears in the test for *

Mark only one oval.

- Nitrate
- Iron
- Nitrite
- Bromide

Que. No.- 4

8. 4) The saturated carbon compound burnt completely and gives clear blue flame This is known as -----

Mark only one oval.

- Sooty Flame
 Non sooty Flame
 Both
 None of the above

Que. No.-5

9. 5) Touch the moist litmus paper with an organic compound & blue litmus turn red indicates - ----- *

Mark only one oval.

- It may be amine
 absence of carboxylic acid & phenol
 absence of amine
 It may be carboxylic acid & Phenol

Que. No.-6

10. 6) Lassaignes Test is used in detection of ----- *

Mark only one oval.

- Nitrogen
 Sulphur
 Halogens
 All of the above

Que. No.-7

11. 7) Na is kept immersed in ----- *

Mark only one oval.

- Alkane
- Acetone
- Kerosene
- Ether

Que. No.-8

12. 8) Schiff's reagent is used to detect ----- *

Mark only one oval.

- aldehyde group
- amine group
- Carboxylic group
- Nitro group

Que. No.-9

13. 9) In dye test, Formation of Orange azo dye indicates ----- *

Mark only one oval.

- Presence of aromatic amine
- Presence of aliphatic amine
- Both
- None of the above

Que. No.-10

14. 10) Tollense Reagent is a ----- *

Mark only one oval.

- Na / K tartarate
- P-rosaniline hydrochloride
- Ammonical silver nitrate
- CuSO₄

Que. No.-11

15. 11) When solution of organic compound added with bromine water & Brown colour of bromine is discharged *

Mark only one oval.

- Unsaturation is present
- No unsaturation is present
- Compound is aromatic
- Compound is aliphatic

Que. No.-12

16. 12) Most of the nitro compounds usually ----- in colour. *

Mark only one oval.

- Red
- Yellow
- Violet
- Green

Que. No.-13

17. 13) Fehling solution A is a. ----- *

Mark only one oval.

- aqueous CuSO₄
- Na or K tartarate
- ammonical silver nitrate
- P- Rosaniline hydrochloride

Que. No.-14

18. 14) The hybridisation of Hexamine Nickel chloride complex is ----- *

Mark only one oval.

- sp² Hybridisation
- sp³ Hybridisation
- dsp² Hybridisation
- sp³ d² Hybridisation

Que. No.-15

19. 15) The gravimetric analysis is a----- *

Mark only one oval.

- quantitative measurment
- qualitative measurment
- Both
- Neither qualitative nor quantitative

Que. No.-16

20. 16) Glucose gives ----- Precipitate with fehling solution. *

Mark only one oval.

- Blue
- White
- Reddish brown
- Yellow

Que. No.-17

21. 17) What is the colour of tetramine copper sulphate complex ? *

Mark only one oval.

- Blue
- Yellow
- Red
- Brown

Que. No.-18

22. 18) Which Method is used to determine composition of Fe-SSA complex. *

Mark only one oval.

- Solubility method
- Pycnometric method
- Job's method
- Viscometric method

Que. No.-19

23. 19) What is the ratio of barium to sulphate ion in BaSO_4 *

Mark only one oval.

- 1 : 1
- 1 : 2
- 2 : 1
- 1 : 4

Que. No.-20

24. 20] Dimethyl Glyoxime is a specific reagent for ----- *

Mark only one oval.

- Fe (+3)
- Co (+2)
- Ni (+2)
- Cu (+2)

Que.No.-21

25. 21) The molecular formula of tetramine copper sulphate complex is *

Mark only one oval.

- $[\text{Cu}(\text{NH}_3)_4] \text{SO}_4 \cdot \text{H}_2\text{O}$
- $[\text{Co}(\text{NH}_3)_4] \text{SO}_4 \cdot \text{H}_2\text{O}$
- $[\text{Cu}(\text{NO}_3)_4] \text{SO}_4 \cdot \text{H}_2\text{O}$
- $[\text{Cu}(\text{NH}_4)_3] \text{SO}_4 \cdot \text{H}_2\text{O}$

Que. No.-22

26. 22) In estimation of acetamide, NaOH is used as ----- *

Mark only one oval.

- Oxidising agent
 Reducing agent
 Hydrating agent
 None of the above

Que. No.-23

27. 23) The Oxidation state of copper in tetramine copper sulphate complex is ----- *

Mark only one oval.

- 1
 +1
 - 2
 +2

Que. No.-24

28. 24) Dimethyl Glyoxime is a ----- ligand *

Mark only one oval.

- Monodentate
 Bidentate
 Tetradentate
 polydentate

Viva Que.-1

29. 1) The aldehyde functional group is ----- *

Mark only one oval.

- COOH

- COOR

- CHO

-OH

Viva Que. -2

30. 2) The molecular formula of acetamide is *

Mark only one oval.

CH₃-NH₂

CH₃-CONH₂

CH₃-CHO

CH₃-COO-CH₃

Viva Que. -3

31. 3) The Formula of % yield = ----- *

Mark only one oval.

Actual yield / Theo. yield X100

Theo.yield / Actual yield X100

Actual yield X Theo.yield X100

None of the above

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Mock test B.Sc Sem-VI

Department of Chemistry.

Anand Niketan College Warora

* Required

1. Email *

Student Information

2. Name of Student *

3. Class [B.Sc Sem -VI] *

Mark only one oval.

PCM

CBZ

4. Contact no. *

Inorganic chemistry

12 questions 1 mark each

5. Paper chromatography is a..... *

1 point

Mark only one oval.

- Gas-Gas chromatography
- Gas-liquid chromatography
- Solid -liquid chromatography
- Liquid-liquid chromatography

6. The distance travelled by the component of the mixture to the distance travelled by solvent front is called..... *

1 point

Mark only one oval.

- Absorption coefficient
- Retardation factor
- Transmission
- Reflection

7. Acidic nature can be predicted from pH scale between the range *

1 point

Mark only one oval.

- 7-12
- 4-10
- 1-6
- 1-14

8. Phenolphthalein indicator gives ending point changing colour from *

1 point

Mark only one oval.

- Colourless to pink
- Pink to colorless
- Red to blue
- Blue to red

9. In double titration method for estimation of carbonates and bicarbonates on soil sample, the indicators used are? *

1 point

Mark only one oval.

- Methyl orange and methyl red
- Phenolphthalein and methyl red
- Phenolphthalein and methyl orange
- None of them

10. Which of the following is correct formula for carbonate and bicarbonate respectively *

1 point

Mark only one oval.

- CO_2 and CO_3
- HCO_3 and CO_3
- CO_3 and HCO_3
- CO_3 and CO_2

11. In paper chromatography, the stationary phase is? *

1 point

Mark only one oval.

- Solvent in the beaker
- Water trapped in cellulose fibre of paper
- Paper it self
- None of them

12. Water is a..... *

1 point

Mark only one oval.

- Polar solvent
- Non polar solvent
- Organic solvent
- Volatile solvent

13. Ion-exchange chromatography is used for the separation of *

1 point

Mark only one oval.

- Polar molecules
- Non polar molecules
- Both of above
- None of above

14. On addition of methy orange indicator in double titration method, the color of the solution changes to * 1 point

Mark only one oval.

- Pink
- Yellow
- Red
- Green

15. The general range of pH for alkaline soil is * 1 point

Mark only one oval.

- Below 3
- 7
- Above 12
- 3-10

16. The measurement of hydroxide ions in given solution is given by... * 1 point

Mark only one oval.

- pH
- pOH
- pKa
- pKb

Physical Chemistry

12 questions 1 mark each

17. The measure of the capacity of a substance to absorb light of a specified wavelength is equal to the logarithm of the reciprocal transmittance is called... * 1 point

Mark only one oval.

- Absorbance
 Transmittance
 Reflection
 Diffraction

18. What is λ_{max} ? * 1 point

Mark only one oval.

- Wavelength at which the substance absorbs maximum light
 Wavelength at which the substance absorbs minimum light
 Wavelength that shows highest intensity
 Wavelength that shows lowest intensity

19. In Beer's Lambert's law, the plot between absorbance and concentration gives * 1 point

Mark only one oval.

- Parabola
 Straight line
 Sigmoidal curve
 Hyperbola

20. The ratio of sin of the angle of incident to the angle of refraction is called? *

1 point

Mark only one oval.

- Retardation factor
- Absorptivity
- Refractive index
- None of them

21. The SI unit of polarizability is? *

1 point

Mark only one oval.

- Cm².v
- Cm²/V
- Cm/V²
- Cm²/V²

22. Refractive index is denoted by.... *

1 point

Mark only one oval.

- λ
- η
- δ
- None of them

23. The process in which molecules adhere to the surface is called? *

1 point

Mark only one oval.

- Absorption
- Adsorption
- Dissolution
- Evaporation

24. The SI unit of surface tension is? *

1 point

Mark only one oval.

- N.m
- N/m
- N.m²
- N/m²

25. In an experiment to determine surface tension, the instrument used is? *

1 point

Mark only one oval.

- Stalagmometer
- Viscometer
- pH meter
- Density bottle

26. What is the unit of absorbance? *

1 point

Mark only one oval.

- N.m
- Dyne/cm
- Cm²
- Unit less

27. What is oxidation state of Mn in KMnO₄? *

1 point

Mark only one oval.

- +2
- +6
- +7
- +4

28. Density can be calculated as.... *

1 point

Mark only one oval.

- M/V
- V/M
- C.m
- M.V

Viva Questions

Each question carries 1 mark

29. What is the wavelength range of visual light in electromagnetic spectrum? *

1 point

Mark only one oval.

- 200-400nm
- 400-700nm
- 700-1200nm
- 2-4 nm

30. Which of the following solvents is miscible in water? *

1 point

Mark only one oval.

- Benzene
- Ethanol
- Cyclohexane
- Naphthalene

31. The covalent bond becomes polar due to *

1 point

Mark only one oval.

- Ionization potential
- Electronegativity difference
- Heat of hydration
- Electron affinity

Thank you

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Mock Test Chemistry Practical Exam - 2021

BSc. Part -2 Sem - 3

Subject - Chemistry Practical

Organized by

Department Of Chemistry

Anand Niketan College, Warora

Note -1] All questions are compulsory.

2] Each questions carry one Marks.

* Required

1.

Email *

2.

Name Of The Student *

3.

Roll Number *

4.

PRN Number *

5.

Mobile Number *

Email *

Que. No.-1

6.

1] The sodium salt of fatty acid is known as ----- *

Mark only one oval.

Baking Soda

Indicator

Soap

Catalyst

Email *

Que. No.-2

7.

2] The number of molecules taking part in a chemical reaction is known as ----- *

Mark only one oval.

Order of reaction

molecularity

End point

Stability Constant

Email *

Que. No.-3

8.

3] The number of molecules whose concentration determine the rate of chemical reaction at a given temperature *

Mark only one oval.

Order of reaction

Valency

Molecularity

Stability Constant

Email *

Que. No.- 4

9.

4] The substance which does not involved in a chemical reaction but it increases the rate of reaction *

Mark only one oval.

Redusing agent

oxidising agent

Catalyst

Halogens

Email *

Que. No.-5

10.

5] The unit of rate constant for first order reaction is ----- *

Mark only one oval.

mole / L per unit time

1/ time

L/mole per unit time

time /1

Email *

Que. No.-6

11.

6] Phenol and water are -----Liquid. *

Mark only one oval.

Completely miscible

Partially miscible

Immiscible

None of the above

Email *

Que. No.-7

12.

7] The minimum temperature above which the two liquids are completely miscible in all proportion *

Mark only one oval.

Critical solution temperature

Boiling temperature

Melting Point

Triple point temperature

Email *

Que. No.-8

13.

8] When the salts like NaCl is added to the reaction mixture. The critical solution temperature is ---- *

Mark only one oval.

Decreases

Increases

Remains Same

None of the above

Email *

Que. No.-9

14.

9] Hydrolysis of methyl acetate gives ----- *

Mark only one oval.

Acetic acid & ethyl alcohol

Formic acid & ethyl alcohol

Acetic acid & Methyl alcohol

Formic acid & Methyl alcohol

Email *

Que. No.-10

15.

10] Hydrolysis of ethyl acetate is a ----- reaction *

Mark only one oval.

- Zero order reaction
- Pseudo unimolecular first order reaction
- Second order reaction
- None of the above

Email *

Que. No.-11

16.
11] If the solute is dissolved in a solvent then the melting point of solvent ----- . *

Mark only one oval.

- lowered
- Increases
- Remains Constant
- None of the above

Email *

Que. No.-12

17.
12] The temperature at which solid and liquid phase exist in equilibrium *

Mark only one oval.

- Boiling point
- Melting point
- End point
- Transition temperature

Email *

Que. No.-13

18.
13] Which of the following is phase rule ? *

Mark only one oval.

- $F = C - P + 2$
- $F = C + P + 2$
- $F = P - C + 2$
- $F = P + C + 2$

Email *

Que. No.-14

19.
14] If number of components (C) = 3 , number of phases (P) = 1 , Then degree of freedom (F) = ? *

Mark only one oval.

- 6
- 5
- 0
- 4

Email *

Que. No.-15

20.
15] The molecule that contain at least one unpaired electron called as ----- *

Mark only one oval.

- Functional group
- Prosthetic group
- Free radicals
- Semimetals

Email *

Que. No.-16

21.
16] The negatively charged radicals is called as -----radicals *

Mark only one oval.

- acidic
- basic

Neutral radicals

None of the above

Email *

Que. No.-17

22.

17] When ionic product ----- the solubility product then precipitation takes place . *

Mark only one oval.

Equal to

greater than

Less than

Less or equal to

Email *

Que. No.-18

23.

18] The quantity of sample required for semi microanalysis is ----- *

Mark only one oval.

0.1 to 5 mg

1 to 10 mg

10 to 100 mg

100 mg to 1 gm

Email *

Que. No.-19

24.

19] Due to common ion effect weak electrolyte becomes ----- *

Mark only one oval.

More weak

More strong

remains as it is

Either weak or strong

Email *

Que. No.-20

25.

20] Dimethyl Glyoxime is a specific reagent for ----- *

Mark only one oval.

Fe (+3)

Co (+2)

Ni (+2)

Cu (+2)

Email *

Que.No.-21

26.

21] The degree of dissociation of H₂S is suppressed by addition of -----strong electrolyte *

Mark only one oval.

KCl

HCl

NH₄Cl

Na₂CO₃

Email *

Que. No.-22

27.

22] The color of AgI (Silver Iodide) *

Mark only one oval.

Orange

Pink

Blue

Yellow

Email *

Que. No.-23

28.

23] Brown ring test is a -----test *

Mark only one oval.

Sulphides

Nitrate

Halides

Carbonate

Email *

Que. No.-24

29.

24] The group reagent for halides is ----- *

Mark only one oval.

Silver Nitrate

Dil HCl

H₂S gas in presence of dil. HCl

NH₄OH in presence of NH₄Cl

Email *

Viva Que.-1

30.

1] In Laboratory burner ,we use *

Mark only one oval.

Producer Gas

Oil Gas

Gobar Gas

Coal Gas

Email *

Viva Que. -2

31.

2] Which of the following is a colligative property *

Mark only one oval.

Molality

Viscosity

Relative Lowering of vapour pressure

Surface tension

Email *

Viva Que. -3

32.

3]When common salt is dissolved in water *

Mark only one oval.

Melting point of solution increases

Boiling point of solution increases

Boiling point of solution decreases

Both melting point and boiling point decreases

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ANAND NIKETAN COLLEGE,WARORA DEPARTMENT
OF PHYSICS, GONDWANA UNIVERSITY
EXAMINATION (MOCK TEST)[SUMMER-2021.B.Sc.](#) 3rd
Year SEM-VI

Name of Examination: Gondwana University SEC Examination Summer-2021(MOCK TEST)

Date:23/07/2021

Centre Name: Anand Niketan College, Anandwan, Warora.

Centre Code: 344

Subject: Basic instrumentation skill

* Required

1. Email *

2. [Sr.No.as](#) per list

3. Name of Student *

4. Seat No./Roll. No. *

5. PRN Number *

6. Subject *

7. Medium *

8. Date of Exam *

Example: January 7, 2019

9. Name of Center *

A. Project

Date-23/07/21

10. 1. Digital multimeter is used for _____ *

2 points

Mark only one oval.

- a) measuring a.c. and d.c. current, voltage and resistance
- b) measuring a.c. current and voltage
- c) measuring d.c. current and resistance
- d) measuring a.c. voltage and resistance

11. 2.Current is converted to voltage _____ * 2 points

Mark only one oval.

- a) through a voltmeter
- b) through a resistance
- c) through an ammeter
- d) through a galvanometer

12. 3. An ammeter----- * 2 points

Mark only one oval.

- Is inserted in series in a circuit and current to be measured flows through it
- Is inserted in series in a circuit and part of the current to be measured flows through it
- Is connected in parallel in a circuit and current to be measured flows through it
- Is connected in parallel in a circuit and only part of the current to the measured flows through it.

13. 4.For resistance measurement, meter contains _____ * 2 points

Mark only one oval.

- a) high current source
- b) medium current source
- c) low current source
- d) low voltage source

14. 5.Quantities are digitised using _____ * 2 points

Mark only one oval.

- a) D/A converter
- b) oscillator
- c) amplifier
- d) A/D converter

15. 6.Analog mulimeters require power supply. * 2 points

Mark only one oval.

- a) True
- b) False

16. 7.Output of a digital multimeter is _____ * 2 points

Mark only one oval.

- a) mechanical
- b) optical
- c) electrical
- d) analog

17. 8.Basic building blocks of digital multimeter are _____ * 2 points

Mark only one oval.

- a) oscillator, amplifier
- b) diode, op amp
- c) rectifier, schmitt trigger
- d) A/D, attenuator, counter

18. 9.Resistance is measured using _____ *

2 points

Mark only one oval.

- a) constant current source
- b) constant voltage source
- c) variable current source
- d) variable voltage source

19. 10.A.C. voltages are measured using _____ *

2 points

Mark only one oval.

- a) oscillators and op amps
- b) rectifiers and filters
- c) resistor and capacitor
- d) inductor and resistor

B. Theory

20. 1.Low voltage signals can be measured by _____ *

2 points

Mark only one oval.

- a) amplifiers
- b) transformers
- c) transducers
- d) voltmeters

21. 2. Input impedance of an electronic voltmeter is _____ * 2 points

Mark only one oval.

- a) low
- b) high
- c) medium
- d) zero

22. 3.What is basic range of a meter? * 2 points

Mark only one oval.

- a) causes maximum deflection
- b) causes minimum deflection
- c) causes zero deflection
- d) causes medium deflection

23. 4.High range can be obtained in a basic D.C. electronic voltmeter by _____ * 2 points

Mark only one oval.

- a) a transformer
- b) an attenuator
- c) a transducer
- d) a resistor

24. 5.Sensitivity of electronic voltmeter is high. * 2 points

Mark only one oval.

- a) True
- b) False

25. 6.An ammeter is convertible to a voltmeter by * 2 points

Mark only one oval.

- Changing the scale
- Putting a large resistance in parallel with the actual measuring part of the instrument
- Putting a large resistance in series with the actual measuring part of the instrument
- Simply installing the instrument in parallel with the circuit

26. 7.Overloading is _____ * 2 points

Mark only one oval.

- a) damages the meter
- b) increases the temperature
- c) doesn't affect the meter
- d) decreases the sensitivity

27. 8.Digital voltmeters can be used to measure _____ * 2 points

Mark only one oval.

- a)voltage only
- b) voltage, temperature, pressure, etc
- c) voltage and current
- d) voltage and resistance

28. 9. In a DVM, a transducer converts _____ * 2 points

Mark only one oval.

- a) input to a proportional current
- b) input to a proportional power
- c) input to a proportional voltage
- d) input to a proportional resistance

29. 10. Output in digital form can't be used directly * 2 points

Mark only one oval.

- a) True
- b) False

30. 11. CRO stands for _____ * 2 points

Mark only one oval.

- Cathode Ray Oscilloscope
- Current Resistance Oscillator
- Central Resistance Oscillator
- Capacitance Resistance Oscilloscope

31. 12. C.R.O gives _____ * 2 points

Mark only one oval.

- actual representation
- visual representation
- approximate representation
- incorrect representation

32. 13.Oscilloscope is _____ *

2 points

Mark only one oval.

- a ohmmeter
- an ammeter
- a voltmeter
- a multimeter

33. 14.Typically oscilloscope represents _____ *

2 points

Mark only one oval.

- current and time
- resistance and time
- voltage and time
- power and time

34. 15. CRO is a _____ *

2 points

Mark only one oval.

- fast x-y plotter
- slow x-y plotter
- medium x-y plotter
- not a plotter

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Google Forms

Name of Students	Obtained Marks	Total Mark	Percentage
Akash Vikas Dadmal	22	30	73.33333333
Akash Vikas Dadmal	19	32	59.375
Akash Vikas Dadmal	28	40	70
Akash Vikas Dadmal	45	60	75
Ankit Rajendra Telase	19	30	63.33333333
Ankit Rajendra Telase	13	32	40.625
Ankit Rajendra Telase	47	60	78.33333333
Ashwini Ashok kalaskar	22	30	73.33333333
Ashwini Ashok kalaskar	16	30	53.33333333
Ashwini Ashok kalaskar	24	32	75
Ashwini Ashok kalaskar	26	40	65
Ashwini Ashok kalaskar	49	60	81.66666667
Ashwini Banduji Tajne	20	30	66.66666667
Ashwini Banduji Tajne	27	30	90
Ashwini Banduji Tajne	30	30	100
Ashwini Banduji Tajne	13	32	40.625
Ashwini Banduji Tajne	30	32	93.75
Ashwini Banduji Tajne	24	40	60
Ashwini Banduji Tajne	37	40	92.5
Ashwini Banduji Tajne	42	60	70
Ashwini Banduji Tajne	55	60	91.66666667
Bhavna vijay chamate	19	32	59.375
Bhavna vijay chamate	30	40	75
Bhavna vijay chamate	36	60	60
Kalyani Dattatray Shingr	23	30	76.66666667
Kalyani Dattatray Shingr	28	32	87.5
kalyani Dattatray Shingr	32	40	80
Kalyani Dattatray Shingr	52	60	86.66666667
Kalyani Rajendra Labhar	21	30	70
Kalyani Rajendra Labhar	23	32	71.875
Kalyani Rajendra Labhar	24	40	60
Kalyani Rajendra Labhar	45	60	75
Ku. Pratiksha Ashok Nar	24	30	80
Nuhali kishor Durugkar	16	32	50
Nuhali kishor Durugkar	18	40	45
Nuhali kishor Durugkar	17	60	28.33333333
Prajakta vinayak narad	17	30	56.66666667
Prajakta vinayak narad	28	30	93.33333333
prajakta vinayak narad	21	32	65.625

Prajakta vinayak narad	19	40	47.5
Prajakta vinayak narad	43	60	71.66666667
Pratiksha Ashok Narawa	25	32	78.125
Pratiksha Ashok Narawa	33	40	82.5
Pratiksha Ashok Narawa	45	60	75
Pratiksha Nandkishor Ka	25	30	83.33333333
Pratiksha Nandkishor Ka	24	30	80
Pratiksha Nandkishor Ka	23	32	71.875
Pratiksha Nandkishor Ka	26	32	81.25
Pratiksha Nandkishor Ka	27	40	67.5
Pratiksha Nandkishor Ka	36	40	90
Pratiksha Nandkishor Ka	35	40	87.5
Pratiksha Nandkishor Ka	45	60	75
Pratiksha Nandkishor Ka	42	60	70
Preeti deepak datta	36	60	60
Preeti deepak dutta	29	30	96.66666667
Preeti deepak dutta	22	30	73.33333333
Preeti Deepak Dutta	17	32	53.125
Preeti deepak dutta	21	32	65.625
Preeti deepak dutta	30	32	93.75
Preeti deepak dutta	16	32	50
Preeti deepak dutta	23	40	57.5
Preeti deepak dutta	40	40	100
Preeti deepak dutta	28	40	70
Preeti deepak dutta	60	60	100
Preeti deepak dutta	45	60	75
Priya Ramesh Dhande	23	30	76.66666667
Priya Ramesh Dhande	15	30	50
Priya Ramesh Dhande	21	32	65.625
Priya Ramesh Dhande	26	32	81.25
Priya Ramesh Dhande	26	40	65
Priya Ramesh Dhande	40	40	100
Priya Ramesh Dhande	44	60	73.33333333
puja suresh Telmasre	13	30	43.33333333
Puja suresh Telmasre	19	32	59.375
puja suresh Telmasre	20	32	62.5
Puja suresh Telmasre	27	40	67.5
puja suresh Telmasre	27	40	67.5
Puja suresh Telmasre	44	60	73.33333333
puja suresh Telmasre	28	60	46.66666667
Rakhi Prakash Sakharka	22	30	73.33333333
Rakhi Prakash sakharka	29	30	96.66666667
Rakhi Prakash Sakharka	24	32	75
Rakhi Prakash Sakharka	33	40	82.5
Rakhi Prakash Sakharka	45	60	75

Rani Bandi Sahare	60	60	100
Rani Bandu Sahare	19	30	63.33333333
Rani Bandu Sahare	30	30	100
Rani Bandu Sahare	23	32	71.875
Rani Bandu Sahare	32	32	100
Rani Bandu Sahare	29	32	90.625
Rani Bandu Sahare	21	32	65.625
Rani Bandu Sahare	32	32	100
Rani Bandu Sahare	22	40	55
Rani Bandu Sahare	40	40	100
Rani Bandu Sahare	38	60	63.33333333
Sagar Gopichand Behad	22	30	73.33333333
Sagar Gopichand Behad	21	30	70
Sagar Gopichand Behad	20	32	62.5
Sagar Gopichand Behad	23	32	71.875
Sagar Gopichand Behad	29	40	72.5
Sagar Gopichand Behad	26	40	65
Sagar Gopichand Behad	43	60	71.66666667
Sagar Gopichand Behad	31	60	51.66666667
Sakshi raju bakane	40	40	100
Sakshi Raju Bakane	26	30	86.66666667
Sakshi raju bakane	28	30	93.33333333
Sakshi raju bakane	30	30	100
Sakshi raju bakane	30	30	100
Sakshi raju bakane	23	23	100
Sakshi raju bakane	31	31	100
Sakshi raju bakane	32	32	100
Sakshi raju bakane	32	32	100
Sakshi raju bakane	32	32	100
Sakshi raju bakane	29	40	72.5
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Sakshi raju bakane	59	60	98.33333333
Sakshi raju bakane	58	60	96.66666667
Sakshi raju bakane	59	60	98.33333333
Sarika Madhukar Jiotode	25	30	83.33333333
Sarika Madhukar Jiotode	28	30	93.33333333
Sarika Madhukar Jiotode	30	30	100
Sarika Madhukar Jiotode	21	32	65.625
Sarika Madhukar Jiotode	30	32	93.75
Sarika Madhukar Jiotode	30	32	93.75
Sarika Madhukar Jiotode	32	32	100
Sarika Madhukar Jiotode	33	40	82.5
Sarika Madhukar Jiotode	39	40	97.5
Sarika Madhukar Jiotode	39	40	97.5
Sarika Madhukar Jiotode	46	60	76.66666667
Sarika Madhukar Jiotode	50	60	83.33333333

Shraddha dhote	17	30	56.66666667
Shraddha dhote	27	32	84.375
Shraddha dhote	32	32	100
Shraddha dhote	31	32	96.875
Shraddha dhote	34	40	85
Shraddha dhote	42	60	70
Shraddhadhote13@gma	32	32	100
Shruti Prakash Neware	16	30	53.33333333
Shruti Prakash Neware	25	30	83.33333333
Shruti Prakash Neware	30	30	100
Shruti Prakash Neware	14	32	43.75
Shruti Prakash Neware	30	32	93.75
Shruti Prakash Neware	31	32	96.875
Shruti Prakash Neware	32	32	100
Shruti Prakash Neware	15	40	37.5
Shruti Prakash Neware	35	40	87.5
Shruti Prakash Neware	40	40	100
Shruti Prakash Neware	22	60	36.66666667
Shruti Prakash Neware	41	60	68.33333333
Shruti Prakash Neware	54	60	90
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Uma Madhav Bhanarkar	31	32	96.875
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Uma Madhav Bhanarkar	60	60	100
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Varsha Pandurang Gowa	27	32	84.375
Varsha Pandurang Gowa	28	40	70
Varsha Pandurang Gowa	53	60	88.33333333
Vijeta Vasantarao Darok	51	60	85
Vijeta Vasantarao Daroka	22	30	73.33333333
Vijeta Vasantarao Daroka	30	30	100
Vijeta Vasantarao Daroka	22	32	68.75
Vijeta Vasantarao Daroka	32	32	100
Vijeta Vasantarao Daroka	28	40	70
Vijeta Vasantarao Daroka	39	40	97.5
Vijeta Vasantarao Daroka	60	60	100

Gondwana University Gadchiroli B.Sc. Zoology Semester V Summer 2021 Online Practical Examination

122 responses

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Name of Student (Surname, Name, Middle Name)

122 responses

Divyani Sanjiv Wasekar

Megha Bandu Nannaware

Rohit vinod pongde

Nikhita Sureshrao Dharmik

Prachi. B. Bhujade

Nishigandha Tonge

Revati babakar burande

Sanjiwani Suresh Betal

Anjali sanjay guntiwar



Roll No.

122 responses

3419814

3419729

3419747

3419751

3419631

3419598

3419785

3419607

3419611

Class

122 responses

Cbz

Bsc 3rd year

Bsc 3rd year CBZ

CBZ

3rd year

B.sc sem 5

Bsc3rd

Bsc third year

Bsc final year



PRN No.

122 responses

2018033700017562

2017033700030434

2017033700019969

2018033700017499

2018033700017367

2018033700017338

2018033700017533

2017033700028752

2017033700024569

Mobile No.

122 responses

9422742038

9325723909

9545126589

9156484620

9325990298

9923430541

8605316172

7774953469

8080842014



email

122 responses

divyaniwasekar2@gmail.com

rvpongde@gmail.com

nikhitadharmik@gmail.com

Prachibhujade1600@gmail.com

nishigandhatonge2000@gmail.com

revtiburande@gmail.com

bsanjiwani99@gmail.com

guntiwaranjali@gmail.com

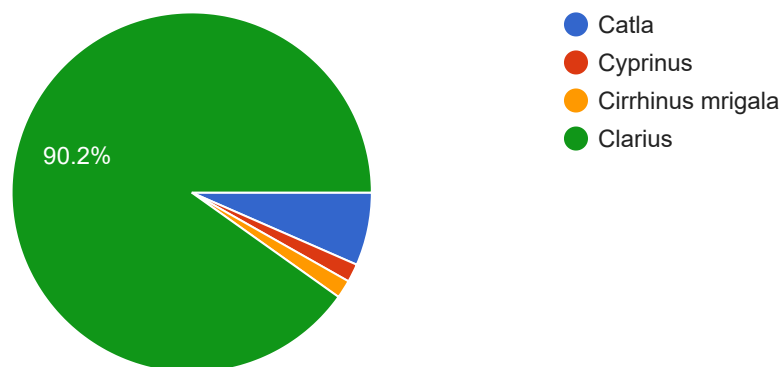
vedikachaudhari29@gmail.com

Identify given spot

spot 1

 Copy

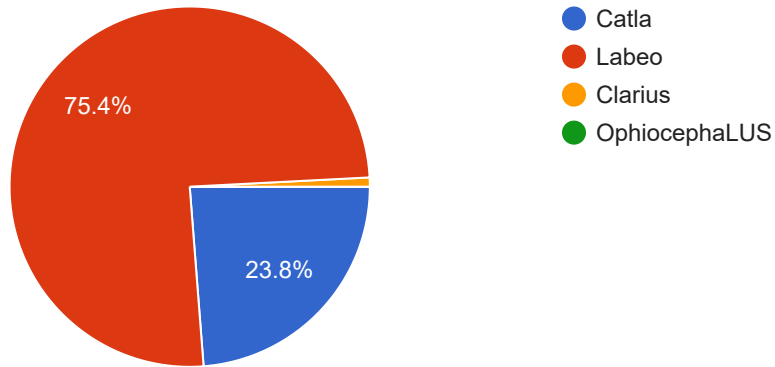
122 responses



Spot 2



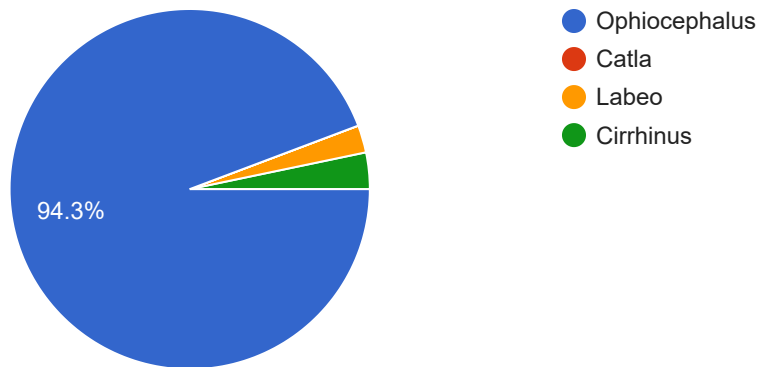
122 responses



Spot 3



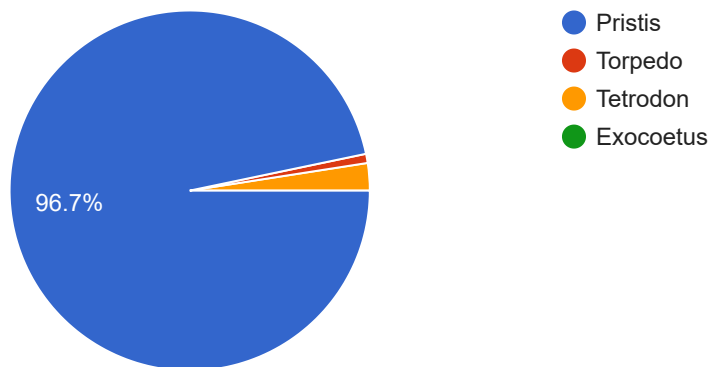
122 responses



Spot 4



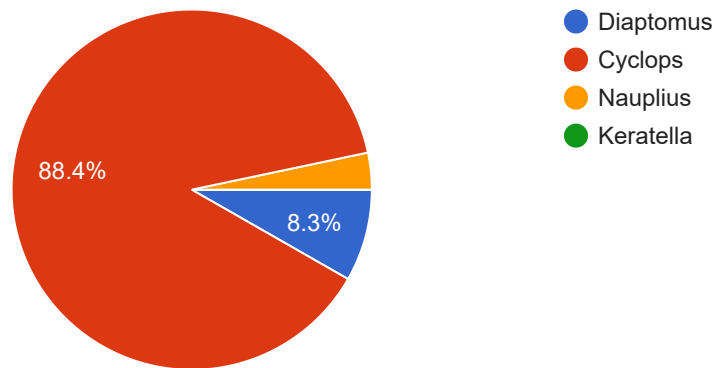
122 responses



Spot 5

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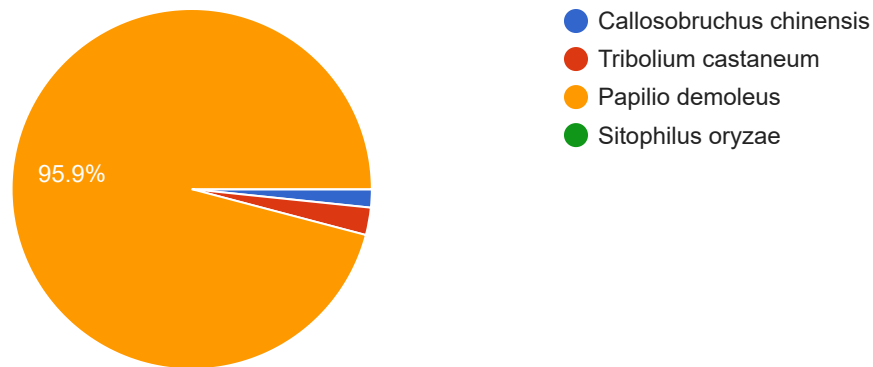
121 responses



Spot 6

 Copy

122 responses

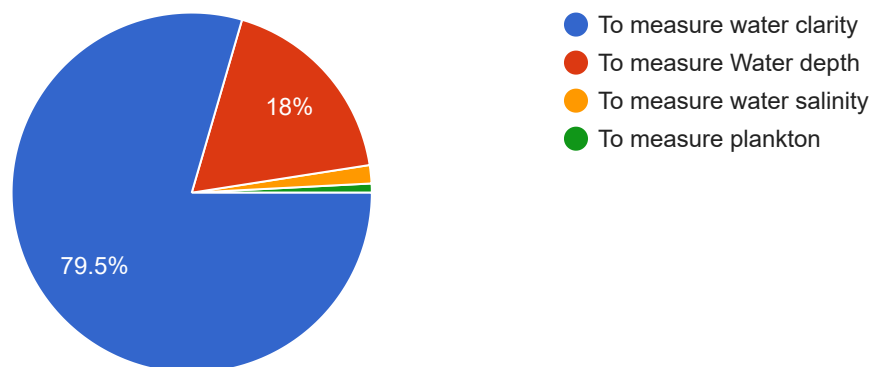


MAJOR EXPERIMENTS

1. What is the use of secchi disc ?

 Copy

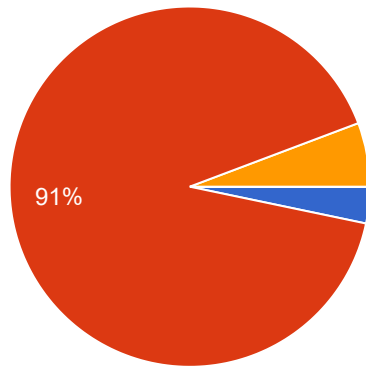
122 responses



2. Ponar 'Grab' Samplers use for.....

 Copy

122 responses

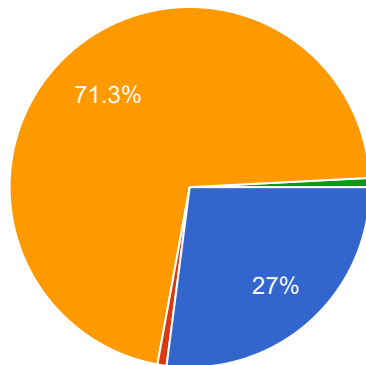


- phytoplankton collection
- for taking sediment samples from hard bottoms
- Zooplankton collection
- Protein estimation

3. Turbidity meter is an important indicator of the

 Copy

122 responses

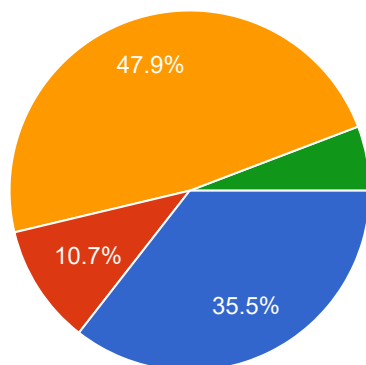


- Water pollution
- Soil pollution
- Amount of Suspended sediments
- Presence of Plankton

4. Sedgwick rafter's counting slide use for.....

 Copy

121 responses



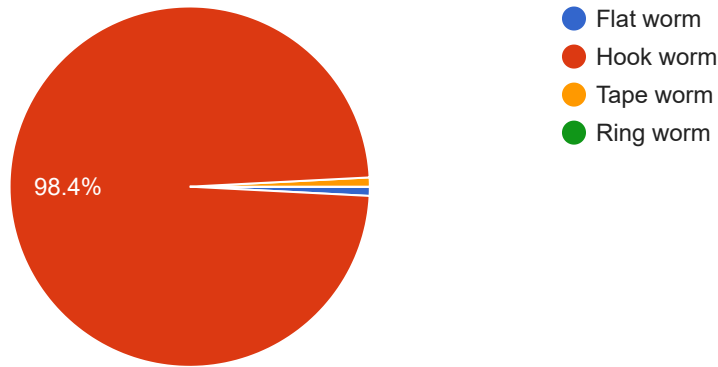
- Counting Blood cells
- Counting Various bacteria
- Counting palnkton
- Counting paltelets



5. Ancylostoma duodenale commonly known as.....

 Copy

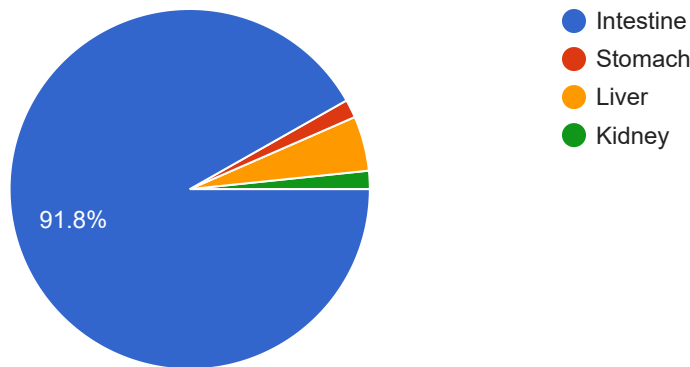
122 responses



6. Hookworms mate in host's

 Copy

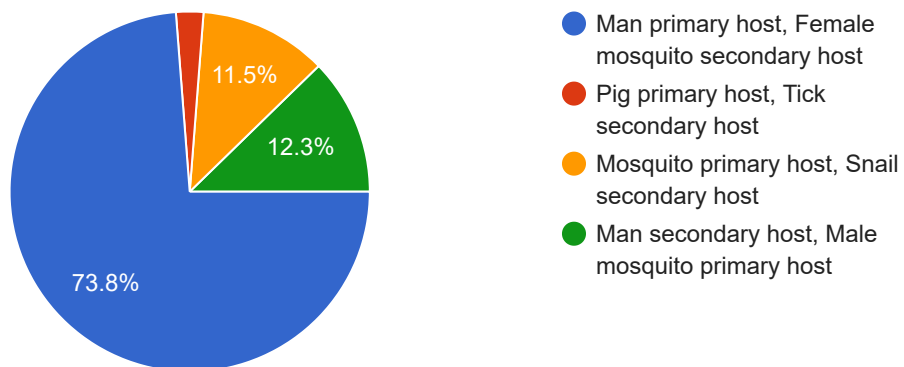
122 responses



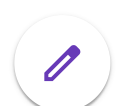
7. Which of the following are Primary and secondary host of Wuchereria bancrofti?

 Copy

122 responses



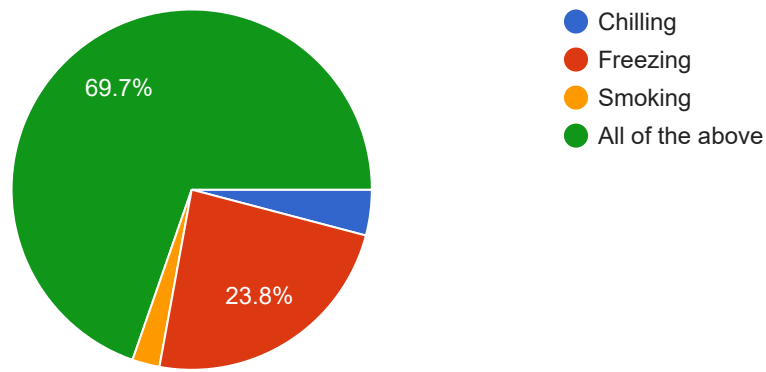
Viva



1.Which of the following is/are fish preservation method/s?



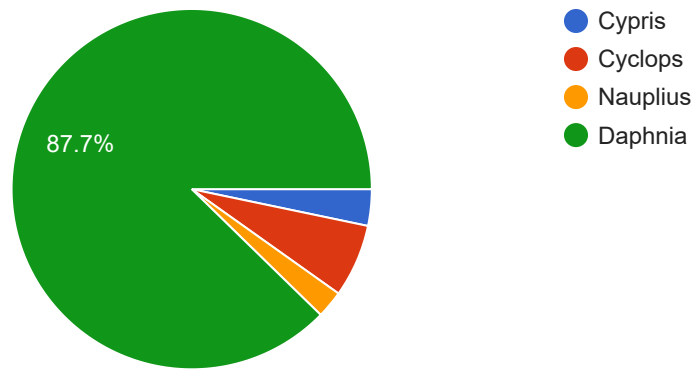
122 responses



2.....is commonly called water-flea.



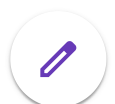
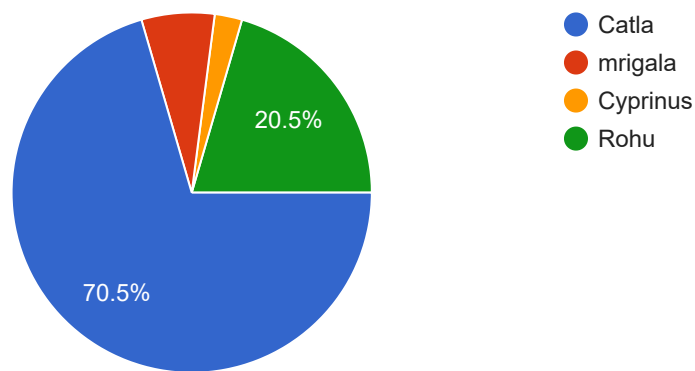
122 responses



3.....is the largest Indian carp.



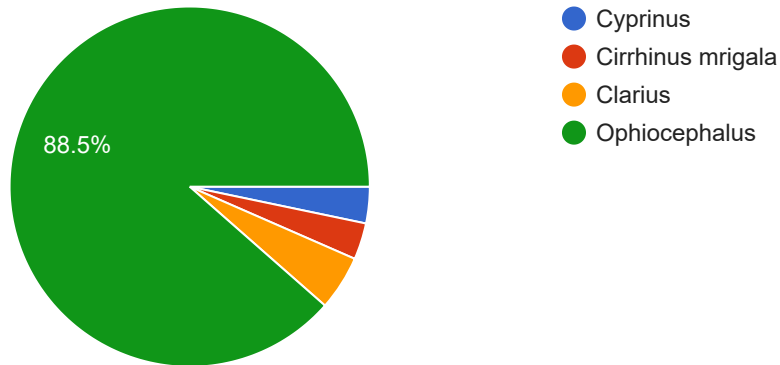
122 responses



4. Which of the following commonly called snake-headed fish ?

 Copy

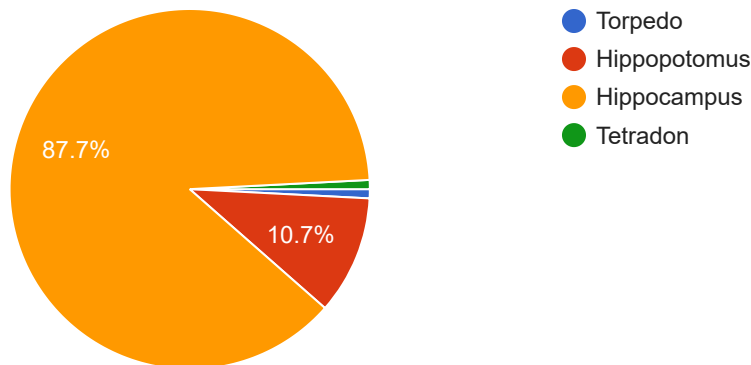
122 responses



5.is commonly called sea-horse.

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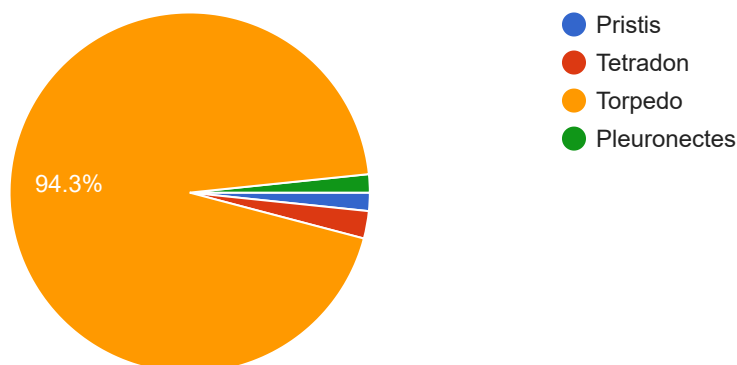
122 responses



6. Electric ray is common name of which of the following fish?

 Copy

122 responses



Practical record Submission

Have you submitted practical record ?

83 responses



Google Forms



Gondwana University Gadchiroli B.Sc. Zoology Semester V Summer 2021 Online Practical Examination

Gondwana University Gadchiroli

Practical Exam Question-Answer Format

[As per the Gondwana University Practical Examination Scheme]

Centre: Anand Niketan College, Anandwan, Warora.

Time: 50 Minutes

Marks: 30

* Required

1. Email *

2. Name of Student (Surname, Name, Middle Name) *

3. Roll No. *

4. Class *

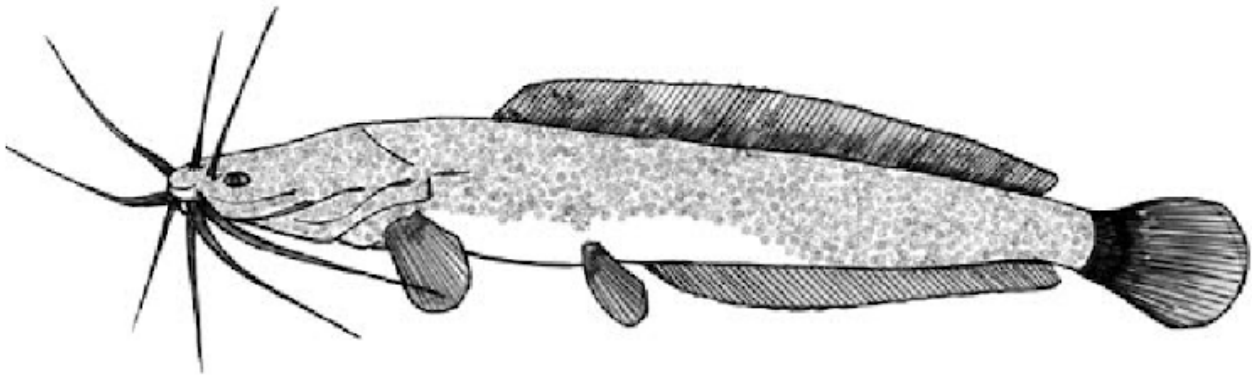
5. PRN No. *

6. Mobile No. *

7. email *

Identify given spot

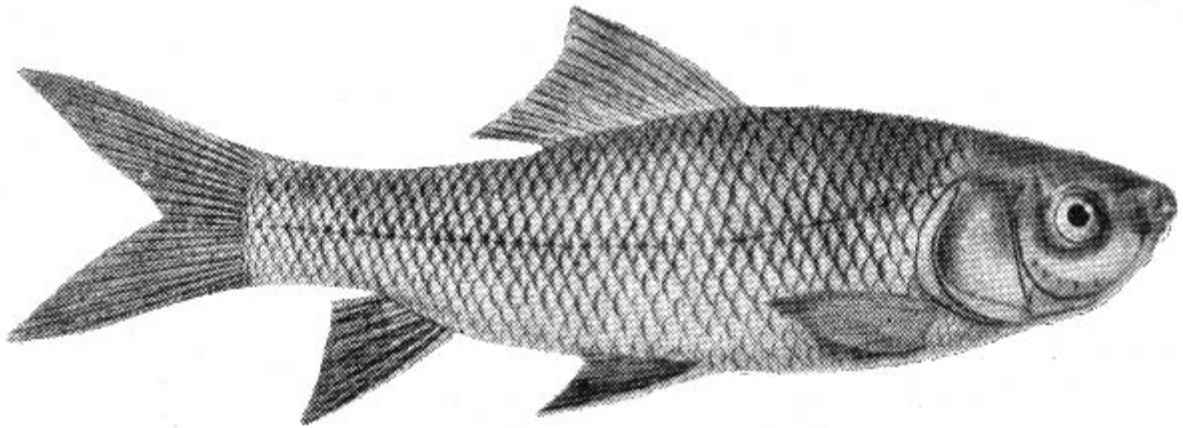
8. spot 1 *



Mark only one oval.

- Catla
- Cyprinus
- Cirrhinus mrigala
- Clarius

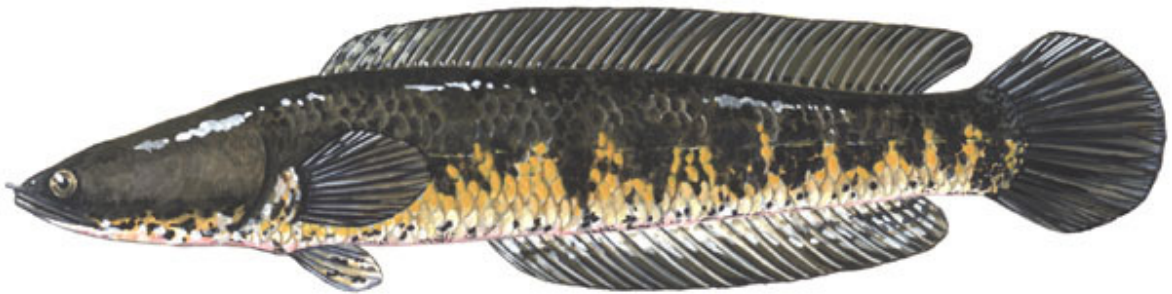
9. Spot 2 *



Mark only one oval.

- Catla
- Labeo
- Clarius
- Ophiocephalus

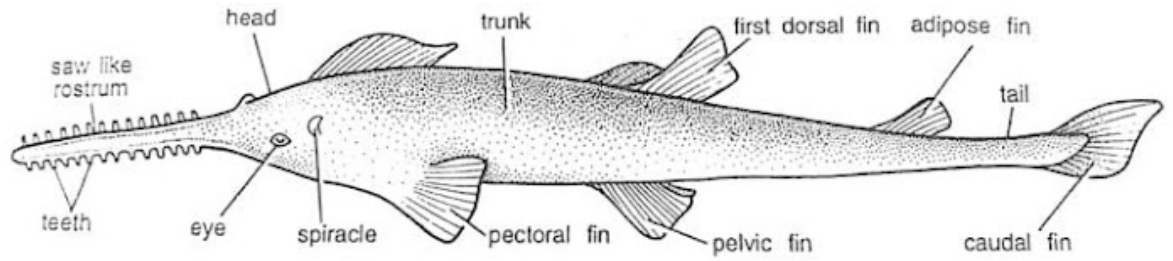
10. Spot 3 *



Mark only one oval.

- Ophiocephalus
- Catla
- Labeo
- Cirrhinus

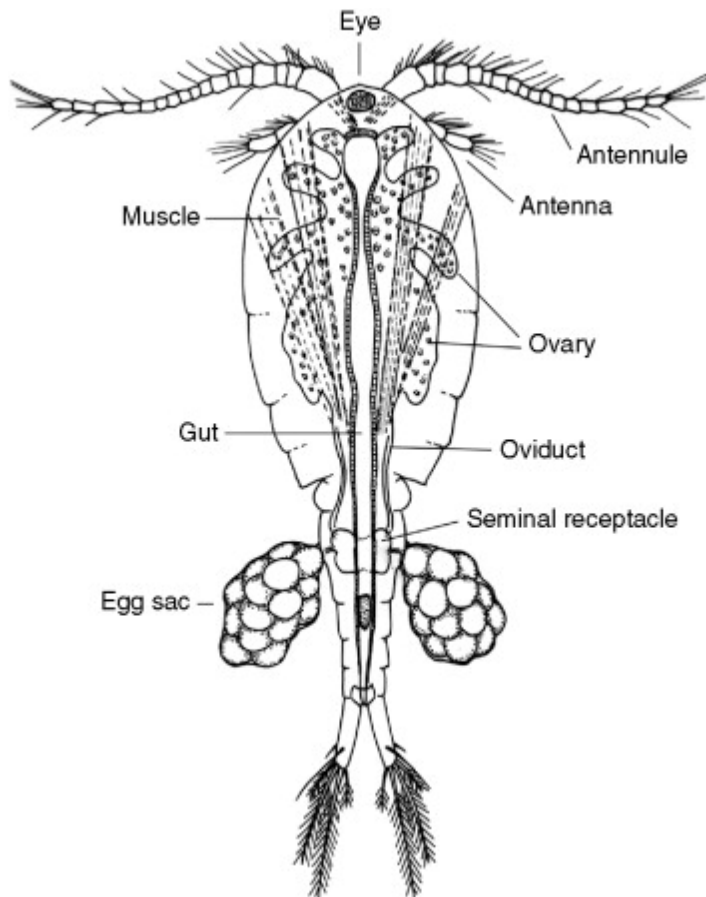
11. Spot 4 *



Mark only one oval.

- Pristis
- Torpedo
- Tetrodon
- Exocoetus

12. Spot 5



Mark only one oval.

- Diaptomus
- Cyclops
- Nauplius
- Keratella

13. Spot 6 *



Mark only one oval.

- Callosobruchus chinensis
- Tribolium castaneum
- Papilio demoleus
- Sitophilus oryzae

MAJOR EXPERIMENTS

14. 1. What is the use of secchi disc ? *

Mark only one oval.

- To measure water clarity
- To measure Water depth
- To measure water salinity
- To measure plankton

15. 2. Ponar 'Grab' Samplers use for..... *

Mark only one oval.

- phytoplankton collection
- for taking sediment samples from hard bottoms
- Zooplankton collection
- Protein estimation

16. 3. Turbidity meter is an important indicator of the *

Mark only one oval.

- Water pollution
- Soil pollution
- Amount of Suspended sediments
- Presence of Plankton

17. 4. Sedgwick rafter's counting slide use for.....

Mark only one oval.

- Counting Blood cells
- Counting Various bacteria
- Counting palnkton
- Counting paltelets

18. 5. Ancylostoma duodenale commonly known as..... *

Mark only one oval.

- Flat worm
- Hook worm
- Tape worm
- Ring worm

19. 6.Hookworms mate in host's

Mark only one oval.

- Intestine
- Stomach
- Liver
- Kidney

20. 7. Which of the following are Primary and secondary host of Wuchereria bancrofti? *

Mark only one oval.

- Man primary host, Female mosquito secondary host
- Pig primary host, Tick secondary host
- Mosquito primary host, Snail secondary host
- Man secondary host, Male mosquito primary host

Viva

21. 1.Which of the following is/are fish preservation method/s? *

Mark only one oval.

- Chilling
- Freezing
- Smoking
- All of the above

22. 2.....is commonly called water-flea. *

Mark only one oval.

- Cypris
- Cyclops
- Nauplius
- Daphnia

23. 3.....is the largest Indian carp. *

Mark only one oval.

- Catla
- mrigala
- Cyprinus
- Rohu

24. 4.Which of the following commonly called snake-headed fish ? *

Mark only one oval.

- Cyprinus
- Cirrhinus mrigala
- Clarius
- Ophiocephalus

25. 5.....is commonly called sea-horse. *

Mark only one oval.

- Torpedo
- Hippopotomus
- Hippocampus
- Tetradon

26. 6. Electric ray is common name of which of the following fish? *

Mark only one oval.

- Pristis
- Tetradon
- Torpedo
- Pleuronectes

Practical record Submission

27. Have you submitted practical record ?

Files submitted:

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