



## **SIR C R REDDY COLLEGE FOR WOMEN**

(Affiliated to AdikaviNannaya University, Rajamahendravaram)

Vatluru (Post), Pedapadu Mandal, Eluru Dist., (A.P)

# **PG ENTRANCE COACHING**

## **For**

## **M.Sc. Life sciences**

**Date: 28-April-2023 to 27- May-2023**

**Time: 8:30 am to 9:30 am**

**&**

**4.30pm to 5.30pm**

**Organized by**

**CAREER GUIDANCE & PLACEMENT CELL**

**2022–2023**

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## About Programme

The Career Guidance and Placement Cell at Sir CR Reddy College for Women organized PG entrance coaching classes in Mathematics,. These classes were conducted by senior faculty members who specialize in the respective subjects at the college.

### **Program: PG Entrance Coaching for Subject**

#### **Subjects Covered:**

- M.Sc. (Life sciences) ( Zoology , Botany, Biotechnology)

#### **Target Audience:**

- III B.Sc. students aspiring for postgraduate studies (M.Sc.)

#### **Duration:**

- April 28 , 2023, to May 27<sup>st</sup> , 2023 (30 days)

#### **Time:**

8:30 AM to 9:30 AM & 4.30PM to 5.30PM

#### **Resource Persons:**

Smt .S.Anuradha

Smt. Dr.Ch.Swapna

#### **Organized By:**

- Career Guidance and Placement Cell at Sir CR Reddy College for Women

#### **Resource Persons**

#### **Program Overview:**

- Specifically designed coaching program focusing on NANNAYACET 2022 for M.Sc. aspirants.
- Conducted by seasoned faculty members from Sir CR Reddy College, each specializing in Mathematics.
- Comprehensive curriculum comprising subject-specific lectures, problem-solving sessions, practice tests, and exam strategy workshops.
- Tailored content to acquaint students with the NANNAYACET exam pattern, syllabi, and effective preparation methodologies.

#### **Benefits for III B.Sc. Students:**

- Early guidance and preparation assistance for M.Sc. entrance exams.
- Exposure to exam patterns, aiding in better preparedness.
- Access to experienced faculty for subject-specific guidance and doubt resolution.

Enhanced readiness for M.Sc. studies by initiating preparation in advance. This coaching program aims to support B.Sc. students in their aspirations for pursuing postgraduate studies by providing structured coaching specifically aligned with the requirements of the NANNAYACET 2022 examination.

## Learning Objectives and Learning Outcomes

### Learning Objectives:

1. Subject Mastery: To facilitate a comprehensive understanding of the core concepts and subject-specific knowledge required for M.Sc. entrance exams.
2. Exam Familiarity: To familiarize students with the exam pattern, question types, and syllabi specific to NANNAYACET 2022.
3. Problem-Solving Skills: To enhance problem-solving abilities and critical thinking necessary to tackle complex questions in the entrance exams.
4. Time Management: To equip students with effective time management strategies for the exam and optimize their performance within the stipulated time frame.
5. Exam Strategy: To provide guidance on effective exam strategies, including question selection, prioritization, and efficient answering techniques.

### Expected Outcomes:

1. Strong Foundation: Students are expected to build a strong foundational understanding of their respective subjects, providing a basis for advanced studies.
2. Improved Performance: Enhanced problem-solving skills and a better grasp of exam patterns can result in improved performance in mock tests and the actual entrance exam.
3. Confidence: Through regular practice and guidance, students are likely to gain confidence in handling diverse questions and scenarios during the examination.
4. Effective Preparation: Students should be better prepared to face the challenges of the entrance exams by utilizing learned strategies and subject-specific knowledge.
5. Readiness for Postgraduate Studies: The coaching program aims to prepare students adequately for the rigors of postgraduate studies in their chosen fields.

## Permission Letter

18-04-2023  
Eluru

To  
The Principal  
Sir C.R.Reddy College for Women  
Eluru

**Subject: Request to grant permission to conduct P.G Entrance test Coaching Classes to final year students.**

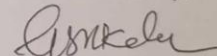
This is to bring to your kind notice that, Career Guidance and Placement Cell is planning to conduct P.G Entrance test Coaching Classes for interested III B.Sc/B.Com students specializing life Sciences, Mathematics, Physics, Chemistry, Commerce .

The coaching classes aim is to provide additional support and guidance to our ambitious students who aspire to excel in their respective fields and we believe that providing coaching classes with in our college will not only benefit our students but also contribute to the overall academic excellence of our institution. These classes will be conducted for about 30 days i.e., from 28<sup>th</sup> April 2023 to 27<sup>th</sup> May 2023. The duration of these classes will be from 8:30 am to 9:30 am and 4:30 pm to 5:30 pm. I kindly request your approval for this initiative, as it aligns with our commitment to fostering academic excellence and preparing our students for successful futures.

Thanking you Madam,

Permitted  
Asad yad  
Principal  
Sir C.R.Reddy College for Women  
ELURU

Yours Faithfully,

  
(Coordinator)

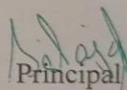
Career Guidance and Placement Cell

## NOTICE

20-04-2023

This is to inform you all that Career Guidance and placement Cell arranged P.G Entrance Test Coaching Classes for interested III B.Sc/B.Com students specializing life Sciences, Mathematics, Physics, Chemistry, Commerce. These Classes will be held within the college at Seminar Hall from 28<sup>th</sup> April 2023 to 27<sup>th</sup> May 2023 running from 8:30 am to 9:30 am and 4:30 pm to 5:30 pm. This initiative aims to enhance your preparation for P G Entrance Test offering personalized guidance to help you excel in the examination. These sessions will provide valuable insights and guidance.

We encourage all interested candidates to attend and take advantage of this valuable opportunity.

  
Principal  
Sir C.R.Reddy College for Women  
ELURU

## Course Structure

- Life Sciences subjects are related to the study of various life processes in plants, animals, and other living organisms.
- The syllabus for MSc Zoology includes topics on Animal Physiology, Immunology, Genetics and Evolution, Animal Diversity, Animal Ecology and Reproductive Biology.
- MSc Zoology subjects include Animal Behaviour, Parasitology, Mammalogy, Comparative Anatomy, Endocrinology and Marine Biology.
- Some of the key areas that make up the life sciences include:
  - Biology, the study of living organisms, the study of the structure and function of living organisms.
  - Genetics, the study of genes, heredity, and the passing of traits.
- Plant Biology, Biochemistry, Food Science, Biotechnology, Bioinformatics, Agricultural Science, Molecular Biology, Botany, Zoology, and Chemistry are the primary MSc Life Science subjects covered in this course.
- The life sciences are broken down into many fields, such as botany, zoology, marine biology, and virology. The study of the life sciences includes cell biology, genetics, molecular biology, botany, microbiology, zoology, evolution, ecology, and physiology

# Course Material

## SU UNIVERSITY

### PREVIOUS PAPER

### ZOOLOGY

### 2022

TIME : 90 Minutes **BASED ON MEMORY** MAX MARKS:100

#### SECTION - A

- The storage form of energy to meet immediate energy demands of the body**
  1. Proteins
  2. Glycogen
  3. Glucose
  4. Lipids
- One of the following is unsaturated fatty acid**
  1. Linolenic acid
  2. Propionic acid
  3. Buteric acid
  4. Acetic acid
- Activities of the cell are under the control of**
  1. Golgi
  2. Nucleus
  3. Mitochondria
  4. Endoplasmic reticulum
- Excretory structures in crustacea**
  1. Green glands
  2. Primary nephridia
  3. Coxal glands
  4. Coxal+green glands
- Which cells secrete spicules in sponges?**
  1. Spongoocytes
  2. Theocytes
  3. Pinocytes
  4. Schlerocytes
- Lampbrush chromosomes present in**
  1. Oocytes
  2. Salivary glands
  3. Pancreas
  4. Secretory cells
- The following cell organelles help in cell division**
  1. Golgi
  2. Ribosomes
  3. Centrioles
  4. Mitochondria
- Heparin is a**
  1. Mucopoly saccharide
  2. Glycopolysaccharide
  3. Lipopoly saccharide
  4. Glyceropoly saccharide
- Early animal which show bilaterally symmetry**
  1. Round worms
  2. Earthworms
  3. Arthropods
  4. Platyhelminths
- Choyanocytes help in**
  1. Excretion
  2. Regeneration
  3. Water movement
  4. Spicules formation
- The sugar present in nucleic acids**
  1. Pentose
  2. Triose
  3. Tetrose
  4. Hexose
- Sulphur containing amino acid**
  1. Lysine
  2. Cysteine
  3. Tyrosine
  4. Proline
- Following cells are absent in Sponges**
  1. Germinal+Nerve
  2. Sensory + Germinal
  3. Ameobocytes
  4. Nerve + Sensory
- The biggest phylum in Animal Kingdom**
  1. Annelida
  2. Mollusca
  3. Arthropoda
  4. Echinodermata
- If centromere occurs in the centre of the chromosome then the chromosome is called as**
  1. Acrocentric
  2. Metacentric
  3. Telocentric
  4. Submetacentric
- Which cell organelles play very significant role in biosynthesis of proteins?**
  1. Lysosomes
  2. Mitochondria
  3. Ribosomes
  4. Golgi complex
- Echinodermal larva shows the symmetry**
  1. Bilateral
  2. Radial
  3. Biradial
  4. Spherical
- Contractile vacuoles are present only in**
  1. Marine protozoans
  2. Fresh water protozoans
  3. Parasite protozoans
  4. None of the above
- The following polysaccharide is composed of B-glycosidic bonds**
  1. Starch
  2. Glycogen
  3. Dextrin
  4. Cellulose
- The sugar which is frequently used in medical practice**
  1. Maltose
  2. Lactose
  3. Dextrose
  4. Sucrose
- Very important character of phylum mollusca**
  1. Shell + Eyes
  2. Flagellae + Eyes
  3. Nephridia + Mantle
  4. Mantle + Radula
- In echinodermata, water vascular system is originated from**
  1. Ossicles
  2. Body cavity
  3. Tube feet
  4. Epidermis
- Example for cane sugar**
  1. Maltose
  2. Lactose
  3. Glucose
  4. Sucrose
- Respiratory pigment in the blood of Mollusca**
  1. Haemocyanin
  2. Venidium
  3. Haemoglobin
  4. Hemerythrin

56. One of the following exhibit discontinuous distribution

- |                |              |
|----------------|--------------|
| 1. Pteropterus | 2. Exocoetus |
| 3. Amphioxus   | 4. Siren     |

57. Line dividing southern Bali and Lombok islands is called as

- |                 |               |
|-----------------|---------------|
| 1. Wallace line | 2. Weber line |
| 3. Both 1 and 2 | 4. None       |

58. Number of somites in 48 hrs chick embryo is

- |             |             |
|-------------|-------------|
| 1. 34 pairs | 2. 29 pairs |
| 3. 16 pairs | 4. 18 pairs |

59. Gynecomastia is exhibited by

- |                   |            |
|-------------------|------------|
| 1. Ornithorynchus | 2. Opossum |
| 3. Kangaroo       | 4. Whale   |

60. Geological time scale is divided into

- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| 1. 6 eras | 2. 5 eras | 3. 2 eras | 4. 4 eras |
|-----------|-----------|-----------|-----------|

**SECTION - C**

61. Cellulose digestion occurs in

- |              |                |
|--------------|----------------|
| 1. Aves      | 2. All mammals |
| 3. Ruminants | 4. Rodents     |

62. Frugivores feed on

- |               |            |
|---------------|------------|
| 1. Vegetables | 2. Fruits  |
| 3. Tubers     | 4. Insects |

63. Autotrophic organism

1. Depend on other organism for food
2. Hunt food
3. Synthesize their own food
4. Cannot synthesize their own food

64. Deficiency of niacin causes

- |              |             |
|--------------|-------------|
| 1. glossitis | 2. pellagra |
| 3. anaemia   | 4. scurvy   |

65. The chemical name of Vitamin A is

- |            |               |
|------------|---------------|
| 1. biotin  | 2. niacin     |
| 3. retinol | 4. folic acid |

66. Urea is synthesized in

- |           |           |
|-----------|-----------|
| 1. liver  | 2. kidney |
| 3. muscle | 4. none   |

67. Volume of oxygen consumed during respiration by man is

- |                      |                       |
|----------------------|-----------------------|
| 1. 250 ml per minute | 2. 200 ml per minute  |
| 3. 500 ml per minute | 4. 1500 ml per minute |

68. Enzyme which catalyse  $\text{CO}_2 + \text{H}_2\text{O} \rightarrow \text{H}_2\text{CO}_3$  during  $\text{CO}_2$  transport is

- |                |                       |
|----------------|-----------------------|
| 1. amylase     | 2. dehydrogenase      |
| 3. transferase | 4. carbonic anhydrase |

69. Hypoxia is

1. Inadequate oxygen supply
2. No oxygen supply
3. Excess oxygen supply
4. Normal oxygen supply

70. Example of neurotransmitter

- |                  |                 |
|------------------|-----------------|
| 1. acetylcholine | 2. acetoacetate |
| 3. acetyl CoA    | 4. acetate      |

71. Study of reflex action was first made by

- |              |                |
|--------------|----------------|
| 1. W. Harvey | 2. Robert hook |
| 3. Pavlov    | 4. Frisch      |

72. Dancing language in honey bee is used between

- |                        |                          |
|------------------------|--------------------------|
| 1. Queen bee and drone | 2. Drone and drone       |
| 3. Drone and worker    | 4. Worker and worker bee |

73. Cyclomorphism is common in

- |              |            |
|--------------|------------|
| 1. Honey bee | 2. Daphnia |
| 3. Rotifera  | 4. Cyclops |

74. Cardiac muscle is

1. Striated and involuntary
2. Striated voluntary
3. Unstriated and voluntary
4. Unstriated involuntary

75. Trachea is lined with

- |                              |                     |
|------------------------------|---------------------|
| 1. squamous cells            | 2. epithelial cells |
| 3. ciliated epithelial cells | 4. none             |

76. One of the following is antidiuretic hormone

- |                |                |
|----------------|----------------|
| 1. vasopressin | 2. adrenalin   |
| 3. thyroxin    | 4. epinephrine |

77. Mineralo corticoids regulate

- |                  |                      |
|------------------|----------------------|
| 1. Carbohydrates | 2. Ions              |
| 3. Hormones      | 4. Protein synthesis |

78. Following endocrine gland which regulate BMR is

- |              |                    |
|--------------|--------------------|
| 1. Pituitary | 2. Thyroid         |
| 3. Adrenal   | 4. Adrenal medulla |

79. Protozoan's regulate water and ionic balance through

- |                 |                        |
|-----------------|------------------------|
| 1. Food vacuole | 2. Contractile vacuole |
| 3. Nucleus      | 4. Cytoplasm           |

80. Oxyntic cell produce

- |               |           |
|---------------|-----------|
| 1. Proteins   | 2. HCl    |
| 3. Pepsinogen | 4. Rennin |

81. Ozone which absorbs UV radiations is present in

- |               |                 |
|---------------|-----------------|
| 1. toposphere | 2. stratosphere |
| 3. ionosphere | 4. exosphere    |

82. Insulin is produced by

- |                          |                          |
|--------------------------|--------------------------|
| 1. alpha cells of islets | 2. beta cells of islets  |
| 3. gamma cells of islets | 4. delta cells of islets |

83. Nitrogen fixing bacteria is present in

1. Roots of potato
2. Roots of tomato
3. Root nodules of legumes
4. Roots of all plants

- 84. Example for innate learning**  
 1. nest building                      2. singing in birds  
 3. both 1 and 2                        4. none
- 85. The noise pollution is measured in**  
 1. volts                                    2. decibel  
 3. tons                                     4. fathoms
- 86. Muscle proteins are**  
 1. actin                                    2. myosin  
 3. both 1 and 2                        4. none
- 87. Tendon attaches between**  
 1. bone to bone                        2. muscle to muscle  
 3. muscle and bone                    4. muscle and ligament
- 88. Nissl granules are found in**  
 1. Dendrites                            2. Axon  
 3. Cell body of nerve                  4. Nerve terminals
- 89. One of the following controls several functions of body**  
 1. Cerebrum                            2. Cerebellum  
 3. Medulla                                4. Spinal cord
- 90. The water cycle, also known as**  
 1. Geochemical cycle                  2. Hydrologic cycle  
 3. Biochemical cycle                  4. Chemical cycle
- 91. India has over animal sanctuaries**  
 1. 441                                        2. 500  
 3. 205                                        4. 800
- 92. The largest source of energy for an ecosystem is**  
 1. light                                      2. sun  
 3. moon                                      4. trees
- 93. Energy flow in an ecosystem would begin with the**  
 1. Carnivores                            2. Herbivores  
 3. Consumers                            4. Producers
- 94. Example for mutualism**  
 1. Hydra-zoo chlorella  
 2. Man E-coli  
 3. Hermit crab and sea anemone  
 4. All
- 95. Mammalian characters in crocodile**  
 1. 3 chambered heart                  2. 4 chambered heart  
 3. thecodont                              4. both 1 and 3
- 96. Sliding mechanism of muscle contraction was proposed by**  
 1. Huxley-Hansen                      2. Jacob-Monod  
 3. Davidson                                4. Robert Hook
- 97. Amphibian exhibiting parental care**  
 1. Ichthyophis                            2. Siren  
 3. Amphioxus                            4. Amblystoma
- 98. Homeostasis was first proposed by**  
 1. Huxley                                    2. Claude Bernard  
 3. Herbert Spencer                      4. Kelvin
- 99. Critinism means**  
 1. hypothyroidism                      2. hyperthyroidism  
 3. hyper parathyroidism              4. hypoparathyroidism
- 100. Volume of urine excreted by a healthy person is**  
 1. 1500 ml                                2. 100 ml  
 3. 250 ml                                  4. 750 ml

## ANSWERS

1.2	2.3	3.2	4.3	5.3	6.2	7.1	8.1	9.2	10.1	11.3	12.1	13.1	14.2	15.2	16.3
17.4	18.1	19.1	20.2	21.2	22.2	23.2	24.2	25.2	26.4	27.1	28.3	29.3	30.3	31.2	32.1
33.4	34.1	35.1	36.1	37.2	38.4	39.-	40.2	41.2	42.4	43.3	44.2	45.2	46.1	47.1	48.2
49.3	50.2	51.2	52.1	53.1	54.-	55.2	56.1	57.1	58.-	59.2	60.4	61.3	62.2	63.3	64.2
65.3	66.1	67.-	68.4	69.1	70.1	71.3	72.4	73.-	74.4	75.3	76.1	77.2	78.2	79.2	80.-
81.1	82.2	83.3	84.3	85.2	86.3	87.3	88.3	89.4	90.2	91.-	92.2	93.4	94.4	95.4	96.1
97.1	98.2	99.2	100.1												

# SU UNIVERSITY

## PREVIOUS PAPER

### ZOOLOGY

TIME : 90 Minutes BASED ON MEMORY MAX MARKS:100

#### SECTION-A

1. One of the following protozoa exhibit bioluminescent
  1. Elphidium
  2. Noctiluca
  3. Trypanosoma
  4. Leishmania
2. Pernicious anemia is an example of
  1. Genetic
  2. Parasitic
  3. B12 deficiency
  4. Auto immunodeficiency
3. The enzymes of TCA cycle are present in
  1. Cytoplasm
  2. Mitochondrial matrix
  3. Golgi complex
  4. Inner mitochondrial membrane
4. Aristotle's lantern is present in
  1. Echinus
  2. Starfish
  3. Sophiothrix
  4. Doliolaria larva
5. Example for aromatic amino acid
  1. Alanine
  2. Aspartic acid
  3. Phenylalanine
  4. Glutamic acid
6. Giant chromosome is present
  1. chironomous larva
  2. oocytes of frog
  3. molluscan larva
  4. bipinnaria larva
7. The number bonds between A and T of DNA are
  1. 2
  2. 3
  3. 4
  4. 1
8. Shape of tRNA is
  1. clover leaf
  2. circular
  3. cylindrical
  4. none
9. One of the following is disaccharide
  1. galactose
  2. maltose
  3. cellulose
  4. glycogen
10. Example for essential fatty acid is
  1. Linoleic acid
  2. Phospholipid
  3. Steroids
  4. All
11. Locomotory organs of neries is
  1. Setae
  2. Pseudopodia
  3. Parapodia
  4. Tubefeet
12. Respiration in Prawn is through
  1. gills
  2. respiratory trees
  3. lungs
  4. cutaneous
13. Importance of gap junction is
  1. transportation
  2. adhesion
  3. mechanical support
  4. no function
14. The best fixative used in micro techniques
  1. Bouin's fluid
  2. Alcohol
  3. Glycerol
  4. D.P.X.
15. Example for fresh water porifera
  1. Sycon
  2. Euplectella
  3. Spongilla
  4. Leucoselenia
16. The type of ribosome in prokaryotic cell is
  1. 70S
  2. 60S
  3. 5S
  4. 80S
17. Amphiblastula is the larval form of
  1. obelia
  2. pheritima
  3. hydra
  4. sycon
18. Male mosquitoes feed on tree sap because of
  1. presence of mandibles
  2. absence of mandibles
  3. presence of antenna
  4. all
19. Polymorphism is exhibited in
  1. siphonophora
  2. hydra
  3. obelia
  4. polyp
20. Miracidium is the larval form of
  1. taenia solium
  2. fasciola hepatica
  3. echinococcus
  4. ascaris
21. Function of radula in pila is
  1. tactile
  2. rasping
  3. vision
  4. testing purity of water
22. Which class of mollusca exhibit torsion?
  1. cephalopod
  2. gastropod
  3. pelicypoda
  4. placophora
23. Anticoagulant produced by leech is
  1. Heparin
  2. Hirudin
  3. Hematin
  4. All
24. In Nematoda excretion is done through
  1. Flame cell
  2. Rennet cell
  3. Contractile vacuole
  4. Malphigian tubule
25. Sea mouse belongs to this class
  1. oligocheata
  2. polychaeta
  3. hirudinia
  4. archi annelida

56. One of the following exhibit discontinuous distribution

- |              |              |
|--------------|--------------|
| 1. Pteropus  | 2. Exocoetus |
| 3. Amphioxus | 4. Siren     |

57. Line dividing southern Bali and Lombok islands is called as

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|--------------------|------------|
| 1. Ornithorhynchus | 2. Opossum |
| 3. Kangaroo        | 4. Whale   |

60. Geological time scale is divided into

- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| 1. 6 eras | 2. 5 eras | 3. 2 eras | 4. 4 eras |
|-----------|-----------|-----------|-----------|

**SECTION - C**

61. Cellulose digestion occurs in

- |              |                |
|--------------|----------------|
| 1. Aves      | 2. All mammals |
| 3. Ruminants | 4. Rodents     |

62. Frugivores feed on

- |               |            |
|---------------|------------|
| 1. Vegetables | 2. Fruits  |
| 3. Tubers     | 4. Insects |

63. Autotrophic organism

1. Depend on other organism for food
2. Hunt food
3. Synthesize their own food
4. Cannot synthesize their own food

64. Deficiency of niacin causes

- |              |             |
|--------------|-------------|
| 1. glossitis | 2. pellagra |
| 3. anaemia   | 4. scurvy   |

65. The chemical name of Vitamin A is

- |            |               |
|------------|---------------|
| 1. biotin  | 2. niacin     |
| 3. retinol | 4. folic acid |

66. Urea is synthesized in

- |           |           |
|-----------|-----------|
| 1. liver  | 2. kidney |
| 3. muscle | 4. none   |

67. Volume of oxygen consumed during respiration by man is

- |                      |                       |
|----------------------|-----------------------|
| 1. 250 ml per minute | 2. 200 ml per minute  |
| 3. 500 ml per minute | 4. 1500 ml per minute |

68. Enzyme which catalyse  $\text{CO}_2 + \text{H}_2\text{O} \rightleftharpoons \text{H}_2\text{CO}_3$  during  $\text{CO}_2$  transport is

- |                |                       |
|----------------|-----------------------|
| 1. amylase     | 2. dehydrogenase      |
| 3. transferase | 4. carbonic anhydrase |

69. Hypoxia is

1. Inadequate oxygen supply
2. No oxygen supply
3. Excess oxygen supply
4. Normal oxygen supply

70. Example of neurotransmitter

- |                  |                 |
|------------------|-----------------|
| 1. acetylcholine | 2. acetoacetate |
| 3. acetyl CoA    | 4. acetate      |

71. Study of reflex action was first made by

- |              |                |
|--------------|----------------|
| 1. W. Harvey | 2. Robert hook |
| 3. Pavlov    | 4. Frisch      |

72. Dancing language in honey bee is used between

- |                        |                          |
|------------------------|--------------------------|
| 1. Queen bee and drone | 2. Drone and drone       |
| 3. Drone and worker    | 4. Worker and worker bee |

73. Cyclomorphism is common in

- |              |            |
|--------------|------------|
| 1. Honey bee | 2. Daphnia |
| 3. Rotifers  | 4. Cyclops |

74. Cardiac muscle is

1. Striated and involuntary
2. Striated voluntary
3. Unstriated and voluntary
4. Unstriated involuntary

75. Trachea is lined with

- |                              |                     |
|------------------------------|---------------------|
| 1. squamous cells            | 2. epithelial cells |
| 3. ciliated epithelial cells | 4. none             |

76. One of the following is antidiuretic hormone

- |                |                |
|----------------|----------------|
| 1. vasopressin | 2. adrenalin   |
| 3. thyroxin    | 4. epinephrine |

77. Mineralo corticoids regulate

- |                  |                      |
|------------------|----------------------|
| 1. Carbohydrates | 2. Ions              |
| 3. Hormones      | 4. Protein synthesis |

78. Following endocrine gland which regulate BMR is

- |              |                    |
|--------------|--------------------|
| 1. Pituitary | 2. Thyroid         |
| 3. Adrenal   | 4. Adrenal medulla |

79. Protozoan's regulate water and ionic balance through

- |                 |                        |
|-----------------|------------------------|
| 1. Food vacuole | 2. Contractile vacuole |
| 3. Nucleus      | 4. Cytoplasm           |

80. Oxyntic cell produce

- |               |           |
|---------------|-----------|
| 1. Proteins   | 2. HCl    |
| 3. Pepsinogen | 4. Rennin |

81. Ozone which absorbs UV radiations is present in

- |               |                 |
|---------------|-----------------|
| 1. toposphere | 2. stratosphere |
| 3. ionosphere | 4. exosphere    |

82. Insulin is produced by

- |                          |                          |
|--------------------------|--------------------------|
| 1. alpha cells of islets | 2. beta cells of islets  |
| 3. gamma cells of islets | 4. delta cells of islets |

83. Nitrogen fixing bacteria is present in

1. Roots of potato
2. Roots of tomato
3. Root nodules of legumes
4. Roots of all plants

- 84. Example for innate learning**  
 1. nest building                      2. singing in birds  
 3. both 1 and 2                        4. none
- 85. The noise pollution is measured in**  
 1. volts                                    2. decibel  
 3. tons                                     4. fathoms
- 86. Muscle proteins are**  
 1. actin                                    2. myosin  
 3. both 1 and 2                        4. none
- 87. Tendon attaches between**  
 1. bone to bone                        2. muscle to muscle  
 3. muscle and bone                    4. muscle and ligament
- 88. Nissl granules are found in**  
 1. Dendrites                            2. Axon  
 3. Cell body of nerve                   4. Nerve terminals
- 89. One of the following controls several functions of body**  
 1. Cerebrum                            2. Cerebellum  
 3. Medulla                                4. Spinal cord
- 90. The water cycle, also known as**  
 1. Geochemical cycle                   2. Hydrologic cycle  
 3. Biochemical cycle                   4. Chemical cycle
- 91. India has over animal sanctuaries**  
 1. 441                                      2. 500  
 3. 205                                      4. 800
- 92. The largest source of energy for an ecosystem is**  
 1. light                                     2. sun  
 3. moon                                    4. trees
- 93. Energy flow in an ecosystem would begin with the**  
 1. Carnivores                            2. Herbivores  
 3. Consumers                            4. Producers
- 94. Example for mutualism**  
 1. Hydra-zoo chlorella  
 2. Man E-coli  
 3. Hermit crab and sea anemone  
 4. All
- 95. Mammalian characters in crocodile**  
 1. 3 chambered heart                   2. 4 chambered heart  
 3. thecodont                              4. both 1 and 3
- 96. Sliding mechanism of muscle contraction was proposed by**  
 1. Huxley-Hansen                       2. Jacob-Monod  
 3. Davidson                               4. Robert Hook
- 97. Amphibian exhibiting parental care**  
 1. Ichthyophis                           2. Siren  
 3. Amphioxus                            4. Amblystoma
- 98. Homeostasis was first proposed by**  
 1. Huxley                                   2. Claude Bernard  
 3. Herbert Spencer                      4. Kelvin
- 99. Critinism means**  
 1. hypothyroidism                       2. hyperthyroidism  
 3. hyper parathyroidism               4. hypoparathyroidism
- 100. Volume of urine excreted by a healthy person is**  
 1. 1500 ml                                2. 100 ml  
 3. 250 ml                                 4. 750 ml

## ANSWERS

1.2	2.3	3.2	4.3	5.3	6.2	7.1	8.1	9.2	10.1	11.3	12.1	13.1	14.2	15.2	16.3
17.4	18.1	19.1	20.2	21.2	22.2	23.2	24.2	25.2	26.4	27.1	28.3	29.3	30.3	31.2	32.1
33.4	34.1	35.1	36.1	37.2	38.4	39.-	40.2	41.2	42.4	43.3	44.2	45.2	46.1	47.1	48.2
49.3	50.2	51.2	52.1	53.1	54.-	55.2	56.1	57.1	58.-	59.2	60.4	61.3	62.2	63.3	64.2
65.3	66.1	67.-	68.4	69.1	70.1	71.3	72.4	73.-	74.4	75.3	76.1	77.2	78.2	79.2	80.-
81.1	82.2	83.3	84.3	85.2	86.3	87.3	88.3	89.4	90.2	91.-	92.2	93.4	94.4	95.4	96.1
97.1	98.2	99.2	100.1												

# 4

# BIOTECHNOLOGY

## ANIMAL BIO-TECHNOLOGY

- ★ As animal as a bioreactor for any biotechnological experimentations. Animal as target material for production of expected results. In this field recombinant DNA technology is the basic steps for modification of expected results at gene level.
- ★ Genetic engineering (or recombinant DNA technology) has had great effect on Biological research, particularly in our ability to understand gene expression and its regulation in plants and animals. Topics formerly unapproachable suddenly became open to experimental investigation. Currently, genetic engineering is giving us new tools of economic importance and of value in medical practice; projects of great interest include the genetic modification of plants and domesticated animals and the production of clinically active substances. New recombinant DNA manoeuvrings have made it possible to study whole genomes (the totality of genetic information in an organisms) rather than single genes.

### Animals as Bioreactors for Recombinant DNA

- ★ Recombinant DNA technology and genetic engineering techniques found several useful applications in the area of vaccines, food, antibiotics, alcohols, hormones and monoclonal antibodies. It has been possible to diagnose genetic defects by use of the restriction mapping technique. This is based on the fact that, the base sequence in different-sized DNA fragments when a gene is cut with a restriction endonuclease. Shows the production of recombinant vaccines using *E. coli* system.
- ★ One of the important applications of genetic engineering is the production of insulin and somatostatin using bacteria. It is also a new process to insert foreign genes into cells and produce transgenic plants/animals with desired traits.
- ★ Animal health can be improved with new biotechnology methods of diagnosis, prevention and control of animal diseases. Diagnostic tests based on the use of antibodies and new vaccines against viral and bacterial diseases are also particularly relevant for developing countries and have a wide application for

prevention of cattle epidemics and diseases. Genetically engineered vaccines against *E. coli* (pigs), Feline leukaemia virus, rinderpest virus, rabies virus, Aujeszky's disease virus and against many other microbes have been prepared.

- ★ The emergence of recombinant DNA technology has also given rise to diagnostic DNA/RNA probes. Along with this technology, hybridoma technology leads to the development of monoclonal antibodies against very many diseases, which has enhanced diagnostic sensitivities and specificities in therapeutics.
- ★ In the field of reproduction, new biotechniques such as embryo transfers, in vitro fertilization, cloning and sex determination of embryos have been developed for different types of livestock. Superovulation techniques with gonadotrophic hormones, led to embryo transfer on an increasing scale in 1980s when embryo freezing techniques became available.
- ★ A new DNA amplification system, known as polymerase chain reaction (PCR) has greatly facilitated DNA analysis and has found several applications.
- ★ The works with intact or broken DNA pieces (as small as 50 base pairs). It is essentially an in vitro method for copying simultaneously the two corresponding DNA strands which make up a gene sequence. The specific DNA segment to be amplified is selected by using primers (short DNA). By heating the DNA samples, the two strands separate, allowing the primers to bind to the flanking sequences, one on each strand. Thereafter, the primers initiate the synthesis of the daughter strands, complementary to the parental strands in the presence of DNA polymerase. This cycle of heating, annealing of primers and the synthesis of new strand can be repeated several times. Roughly twenty cycles can amplify to DNA by a factor of about a million.
- ★ Biotechnology will, in the future make an important contribution to the quality of life. In medicine, many organizations are involved in the large scale production of human interferon. Genes for human insulin and growth hormone have been cloned and

SIR C R REDDY COLLEGE FOR WOMEN ELURU

CAREER GUIDANCE AND PLACEMENT CELL

AUCET COACHING

STUDENTS ATTENDENCE ( 2022- 2023)

Sl	Roll no	Name of the student	Group	Signature of the student
1	202621	KATTUMURI DIVYA	III BSC BZBT	K. Divya
2	202608	MUSIBOINA SAI DURGA	III BSC BZBT	M. Sai Durga
3	202626	NITTA DEEPTHI	III BSC BZBT	N. Deepthi
4	202637	VALIPALLI SWATHI	III BSC BZBT	V. Swathi
5	202620	KALI RAMYA	III BSC BZBT	K. Ramya
6	202632	SADHANALA HARIKA PRAVEENA	III BSC BZBT	S. Harika Praveena
7	202625	NAGANABOINA GOWTHAMI	III BSC BZBT	N. Gowthami
8	202623	LANKA MOUNIKA	III BSC BZBT	L. Mounika
9	202641	MODUKURI KAVYA SRI SUBRAH MANYAM	III BSC BZBT	M.K.S.S. Manyam
10	201016	BOJJA NAGA LALITHA JYOTSNA	III BSC CBZ	C. Saralika
11	201001	CHAKRAPU SATHWIKA	III BSC CBZ	Ch. Sathwika
12	201002	GORRIPATI NAGA JYOTHI	III BSC CBZ	G. Naga Jyothi
13	201018	GULLAPUDI YASASWINI	III BSC CBZ	G. Yasaswini
14	201020	KAMBALA MYDHILI	III BSC CBZ	K. Mydhili
15	201026	KOTTE SINDHU YAMINI	III BSC CBZ	K. Sindhu Yamini
16	201021	KAMBHAM JNAPIKA	III BSC CBZ	K. Jnapika
17	201824	KANNIKANTI SUJITHA	III BSC ZFC	K. Sujatha
18	201803	KOKA MOHANA MALLIKA	III BSC ZFC	K. M. Mallika
19	201825	KOTA SRAVANI	III BSC ZFC	K. Sravani
20	201826	LINGALA, SAILAJA	III BSC ZFC	L. Sailaja
21	201810	VARUGU HEMA LATHA	III BSC ZFC	V. Hema Latha
22	201811	VELPULA SANDHYA RANI	III BSC ZFC	V. Sandhya Rani
23	201840	YARRA LOKESWARI ANJALI	III BSC ZFC	Y. L. Anjali
24	201834	PILLA SUSMITHA	III BSC ZFC	P. Susmitha
25	201815	BATTU JESSY FLARENCE	III BSC ZFC	B. JESSY Flarence

26	201836	RAMAYANAM VASUKI MANI	III BSC ZFC	R. Vasuki Mani
27	201805	PAKKALA SIVA SAHITHI	III BSC ZFC	P. siva sahithi
28	201818	DIRISIPAMU KARUNYA	III BSC ZFC	D. Karunya
29	201841	BONU DEEPTHI	III BSC ZFC	B. Deepthi
30	201829	MOTRU SHEEBA	III BSC ZFC	M. Sheeba.



SIGNATURE OF THE COORDINATOR

SIR C R REDDY COLLEGE FOR WOMEN, ELURU																																							
CAREER GUIDANCE & PLACEMENT CELL																																							
NANNAYA SET COACHING 2022-2023																																							
SUB: LIFE SCIENCES ( BOTANY, ZOOLOGY )																																							
S.NO	ROLL.NO	CLASS	NAME OF THE STUDENT	9/10/22	10/10/22	11/10/22	12/10/22	13/10/22	14/10/22	15/10/22	16/10/22	17/10/22	18/10/22	19/10/22	20/10/22	21/10/22	22/10/22	23/10/22	24/10/22	25/10/22	26/10/22	27/10/22	28/10/22	29/10/22	30/10/22	31/10/22	1/11/22	2/11/22	3/11/22	4/11/22	5/11/22	6/11/22	7/11/22	8/11/22					
1	202621	III BSC BZBT	KATTUMURI DIVYA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2	202608	III BSC BZBT	MUSIBOINA SAI DURGA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
3	202626	III BSC BZBT	NITTA DEEPTHI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
4	202637	III BSC BZBT	VALIPALLI SWATHI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
5	202620	III BSC BZBT	KALI RAMYA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
6	202632	III BSC BZBT	PRAVEENA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
7	202625	III BSC BZBT	NAGANABOINA GOWTHAMI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8	202623	III BSC BZBT	LANKA MOUNIKA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
9	202641	III BSC BZBT	MODUKURI KAVYA SRI SUBRAH MANYAM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11	201016	III BSC CBZ	BOJJA NAGA LALITHA JYOTSNA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12	201001	III BSC CBZ	CHAKRAPU SATHWIKA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	201002	III BSC CBZ	GORRIPATI NAGA JYOTHI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	201018	III BSC CBZ	GULLAPUDI YASASWINI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	201020	III BSC CBZ	KAMBALA MYDHILI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	201026	III BSC CBZ	KOTTE SINDHU YAMINI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	201021	III BSC CBZ	KAMBHAM JNAPIKA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	201824	III BSC ZFC	KANNIKANTI SUJITHA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	201803	III BSC ZFC	KOKA MOHANA MALLIKA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	201825	III BSC ZFC	KOTA SRAVANI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	201826	III BSC ZFC	LINGALA SAILAJA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	201810	III BSC ZFC	VARUGU HEMA LATHA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	201811	III BSC ZFC	VELPULA SANDHYA RANI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	201840	III BSC ZFC	YARRA LOKESWARI ANJALI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	201834	III BSC ZFC	PILLA SUSMITHA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



## **REPORT**

### **PROGRAMME: PG Entrance COACHING FOR III B.Sc. aspirants in Life sciences subject**

In association with IQAC & In accordance with the resolution made during the meeting and documented in the minutes, it was unanimously agreed to arrange PG entrance coaching classes for interested students pursuing III B.Sc (Life sciences ) This significant decision forms an integral part of the report on the PG entrance coaching classes in **Life sciences** subject conducted from 28-April -2023 To 27 -May-202 from 8:30am to 09:30am & 4.30pm to 5.30pm. These classes were conducted senior and expert faculty from the concerned department.

Approximately 30 motivated students actively participated in the coaching sessions .These meticulously organized classes aimed to prepare the students comprehensively for the upcoming PG entrance examinations scheduled in the month of Sep 2022. The coaching sessions were diligently conducted from 8:30 AM to 09:30 AM & 4.30PM to 5.30PM, adhering to a structured curriculum meticulously designed to equip students with the essential skills and knowledge required for success in the examination.







The outcomes of these coaching classes have been highly encouraging. Close to 24 students showcased exceptional performance, securing remarkable pg. Ranks demonstrating both their commitment and the effectiveness of the coaching program. Furthermore, all participating students successfully qualified for the examination, marking a significant achievement resulting from our collaborative endeavor.

The successful arrangement of these coaching classes aligns directly with the decision made during the meeting. These sessions facilitated a conducive learning environment, significantly contributing to the preparedness and success of the students preparing for the PG entrance examination.

A standout achievement includes one of our students S. Harika praveena pursuing III B. Sc who distinguishing themselves by securing outstanding 174 th rank in APPG CET and secured more ranks like 227,372,395,441,519.950 .

Their dedication has been instrumental in empowering our students for academic success.

14/07/2023, 06:49 PM

	<b>APPGCET-2023</b> Post Graduate Common Entrance Tests (Conducted by Andhra University, Visakhapatnam on behalf of APSCH)	
<b>RANK CARD</b>		
Hall Ticket No. : 30120232289		Community OC
Candidate's Name : SADHANALA HARIKA PRAVEENA		Date of Birth 25/11/2002
Father's Name : SADHANALA MUNEESWARA RAO		
Test Code & Paper : 301 : Life Sciences		
Marks Obtained : 59		 SADHANALA HARIKA PRAVEENA 25/11/2002
Rank : 174		
		 Convener
<i>S. Hankepraveena</i>		

**INSTRUCTIONS TO THE CANDIDATE**

- The admissions into first year of various P.G Courses (M.A., M.Com., M.Sc., MCI, M.J.M.C., M.Lib.I.Sc., M.Ed., M.P.Ed., M.Sc.Tech. etc.) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/Affiliated [Government and Private (Aided Unaided)] Colleges including Minority Educational Institutions in the State will be made through a centralized web counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time to time for further admission schedules.  
Websites: <https://cets.apsche.ap.gov.in>
- The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will be done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course/ subject they are applying for admission.
- The candidates called for certificate verification must have the following original certificates /documents to upload for verification.
  - Rank Card and Hall Ticket of APPGCET - 2023
  - Transfer Certificate (T.C) from the institution where the candidate has last studied.
  - Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos are not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks without which his / her admission will not be entertained.
  - Secondary School or 10th std. Certificate.
  - Bonafide certificates from 9th Class onwards or Proof of Local / Non-Local status of the candidate as per the rules in force.
  - Community / Caste Certificate, if applicable.
  - Latest Income Certificate issued by Tahsildar on or after 01/01/2023, if applicable.
  - Certificates of special categories, if applicable, and when called for admission under these categories.
  - Aadhaar Card.
- In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.

14/07/2023, 07:04 PM

	<b>APPGCET-2023</b> Post Graduate Common Entrance Tests (Conducted by Andhra University, Visakhapatnam on behalf of APSCH)	
<b>RANK CARD</b>		
Hall Ticket No. : 30520230770	Candidate's Name : NAGANABOINA GOWTHAMI	Community <b>BC-D</b>
Father's Name : NAGANABOINA RAMA KRISHNA	Test Code & Paper : 305 : Zoology	Date of Birth <b>04/03/2002</b>
Marks Obtained : 44	Rank : 227	
	  Convener	
<b>INSTRUCTIONS TO THE CANDIDATE</b>		
<p>1. The admissions into first year of various P.G. Courses (M.A., M.Com., M.Sc., MCI, M.J.M.C., M.Lib.LSc., M.Ed., M.P.Ed., M.Sc.Tech. etc) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/Affiliated [Government and Private (Aided/Unaided)] Colleges including Minority Educational Institutions in the State will be made through a centralized web counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time to time for further admission schedules. Websites: <a href="https://ceets.apsche.ap.gov.in">https://ceets.apsche.ap.gov.in</a></p> <p>2. The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will be done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course/ subject they are applying for admission.</p> <p>3. The candidates called for certificate verification must have the following original certificates / documents to upload for verification. I. Rank Card and Hall Ticket of APPGCET - 2023. II. Transfer Certificate (T.C) from the institution where the candidate has last studied. III. Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos are not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks without which his / her admission will not be entertained. IV. Secondary School or 10th std. Certificate. V. Bonafide certificates from 9th Class onwards or Proof of Local / Non-Local status of the candidate as per the rules in force. VI. Community / Caste Certificate, if applicable. VII. Latest Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable. VIII. Certificates of special categories, if applicable, and when called for admission under these categories. IX. Aadhaar Card.</p> <p>4. In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.</p>		

1/1

09/2023, 03:18 PM



APPGCET-2023  
Post Graduate Common Entrance Tests



(Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)

RANK CARD

Hall Ticket No. : 30320230573  
Candidate's Name : VALIPALLI SWATHI  
Father's Name : VALIPALLI GANAPATHI RAO  
Test Code & Paper : 303 : Botany

Community  
BC-D

Date of Birth  
08/10/2002

Marks Obtained : 41  
Rank : 372



Convener





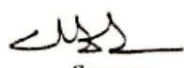


V. Swathi

INSTRUCTIONS TO THE CANDIDATE

- The admissions into first year of various P.G. Courses (M.A., M.Com., M.Sc., MCI, M.J.M.C., M.Lib.I.Sc., M.Ed., M.P.Ed., M.Sc. Te etc) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/ Affiliated [Government and Private (Aided/Unaided)] Colleges including Minority Educational Institutions in the State will be made through a centralized w counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time time for further admission schedules.  
Websites: <https://cets.apsche.ap.gov.in>
- The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course/ subject they are applyi for admission.
- The candidates called for certificate verification must have the following original certificates /documents to upload for verification.
  - I. Rank Card and Hall Ticket of APPGCET - 2023.
  - II. Transfer Certificate (T.C) from the institution where the candidate has last studied.
  - III. Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos i not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks with which his / her admission will not be entertained.
  - IV. Secondary School or 10th std. Certificate.
  - V. Bonafide certificates from 9th Class onwards or Proof of Local \ Non-Local status of the candidate as per the rules in force.
  - VI. Community / Caste Certificate, if applicable.
  - VII. Latest Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable.
  - VIII. Certificates of special categories, if applicable, and when called for admission under these categories.
  - IX. Aadhaar Card.
- In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.

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APPGCET-2023 Post Graduate Common Entrance Tests (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)			
<b>RANK CARD</b>			
Hall Ticket No. : 30120232243	Candidate's Name : NITTA DEEPTHI	Father's Name : NITTA PRASAD	Test Code & Paper : 301 : Life Sciences
			Community <b>SC</b>
			Date of Birth <b>29/07/2003</b>
Marks Obtained : 54	Rank : 395		
			
		 Convener	
<i>N. Deepthi</i>			
<b>INSTRUCTIONS TO THE CANDIDATE</b>			
<p>1. The admissions into first year of various P.G. Courses (M.A., M.Com., M.Sc., M.C.I., M.J.M.C., M.Lib.L.Sc., M.Ed., M.P.Ed., M.Sc. Tech. etc) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/Affiliated (Government and Private (Aided/Unaided)) Colleges including Minority Educational Institutions in the State will be made through a centralized web counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time to time for further admission schedules. Website: <a href="https://cets.apsche.ap.gov.in">https://cets.apsche.ap.gov.in</a></p> <p>2. The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will be done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course/ subject they are applying for admission.</p> <p>3. The candidates called for certificate verification must have the following original certificates / documents to upload for verification. I. Rank Card and Hall Ticket of APPGCET - 2023. II. Transfer Certificate (T.C) from the institution where the candidate has last studied. III. Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos are not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks without which his / her admission will not be entertained. IV. Secondary School or 10th std. Certificate. V. Bonafide certificates from 9th Class onwards or Proof of Local / Non-Local status of the candidate as per the rules in force. VI. Community / Caste Certificate, if applicable. VII. Latest Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable. VIII. Certificates of special categories, if applicable, and when called for admission under these categories. IX. Aadhaar Card.</p> <p>4. In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.</p>			



**APPGCET-2023**  
Post Graduate Common Entrance Tests

(Conducted by Andhra University, Visakhapatnam on behalf of APSCE)



**RANK CARD**

Hall Ticket No. : 30120232127  
Candidate's Name : LANKA MOUNIKA  
Father's Name : LANKA SATYA SAMBASIVA RAO  
Test Code & Paper : 301 : Life Sciences

Community  
OC

Date of Birth  
09/09/2002

Marks Obtained : 53  
Rank : 441



Convener



L. Moornika

**INSTRUCTIONS TO THE CANDIDATE**

1. The admissions into first year of various P.G. Courses (M.A., M.Com., M.Sc., M.CJ, M.J.M.C., M.Lib.I.Sc., M.Ed., M.P.Ed., M.Sc.Tech. etc) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/ Affiliated [Government and Private (Aided/Unaided)] Colleges including Minority Educational Institutions in the State will be made through a centralized web counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time to time for further admission schedules.  
Websites: <https://cets.apsche.ap.gov.in>
2. The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will be done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course/ subject they are applying for admission.
3. The candidates called for certificate verification must have the following original certificates /documents to upload for verification.
  - I. Rank Card and Hall Ticket of APPGCET - 2023.
  - II. Transfer Certificate (T.C) from the institution where the candidate has last studied.
  - III. Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos are not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks without which his / her admission will not be entertained.
  - IV. Secondary School or 10th std. Certificate.
  - V. Bonafide certificates from 9th Class onwards or Proof of Local \ Non-Local status of the candidate as per the rules in force.
  - VI. Community / Caste Certificate, if applicable.
  - VII. Latest Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable.
  - VIII. Certificates of special categories, if applicable, and when called for admission under these categories.
  - IX. Aadhaar Card.
4. In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.



**APPGCET-2023**  
**Post Graduate Common Entrance Tests**



(Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)

**RANK CARD**

Hall Ticket No. : 30530230016  
 Candidate's Name : **BONU DEEPTHI**  
 Father's Name : **BONU BHANU BHAGAVAN**  
 Test Code & Paper : 305 : Zoology

Community

**BC-B**

Date of Birth

**09/05/2001**

Marks Obtained : **38**  
 Rank : **519**



*[Signature]*  
 Convener







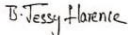


*[Handwritten Name: Bonu Deepthi]*

**INSTRUCTIONS TO THE CANDIDATE**

- The admissions into Ten year of various P.G. Courses (M.A., M.Com., M.Sc., M.S., M.J.M.E., M.L.B.J.Sc., M.Ed., M.F.I.G., M.Sc. Tech. and M.T. in the Academic Year 2023-24 offered by Andhra Pradesh State Council of Higher Education and their Constituent Affiliated (Government and Private/Aided/Aided-in-aid) Colleges including Minority Educational Institutions in the State will be made through a computerized web connecting facility. The schedule will be available in website. The qualified candidates are advised to visit the website from time to time for further admission schedule.  
 Website: <https://www.apscche.ap.gov.in>
- The eligibility of the candidates is not verified / decided at the time of application and during the entrance test. The verification will be done only during the admissions. Hence, candidates are advised to ensure that they are eligible for the course subject they are applying for admission.
- The candidates called for certificate verification must have the following original certificates/documents to upload for verification:
  - Rank Card and Hall Ticket of APPGCET - 2023
  - Transfer Certificate (T.C.) from the institution where the candidate has last studied.
  - Degree certificate and complete memorandum of marks or consolidated marks of qualifying examination (the downloaded marks are not allowed). The candidate should ensure that he/she has passed the qualifying examination with requisite percent of marks without which his/her admission will not be considered.
  - Secondary School or 10th std Certificate
  - Beneficial certificate from 9th Class onwards or Proof of Local / Non-Local status of the candidate as per the rules in force.
  - Community - Caste Certificate, if applicable.
  - Lower Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable.
  - Certificate of special categories, if applicable, and when called for admission under these categories.
  - Aadhar Card.
- In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.

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 <b>APPGCET-2023</b> Post Graduate Common Entrance Tests (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)		
<b>RANK CARD</b>		
Hall Ticket No. : 30120232398	Community <b>SC</b>	
Candidate's Name : <b>BATTU JESSY FLARENCE</b>	Date of Birth <b>17/08/2001</b>	
Father's Name : <b>BATTU KANAKA DURGARAO</b>		
Test Code & Paper : <b>301 : Life Sciences</b>		
Marks Obtained : <b>47</b>		
Rank : <b>950</b>		
		
		<b>Convener</b>
		

**INSTRUCTIONS TO THE CANDIDATE**

- The admissions into first year of various P.G. Courses (M.A., M.Com., M.Sc., MCI, M.J.M.C., M.Lib.I.Sc., M.Ed., M.P.Ed., M.Sc.Tech. etc) in the Academic Year 2023-24 offered by Andhra Pradesh State funded Universities and their Constituent/ Affiliated [Government and Private (Aided/Unaided)] Colleges including Minority Educational Institutions in the State will be made through a centralized web counseling. Further, the schedules will be available in websites. The qualified candidates are advised to visit the websites from time to time for further admission schedules.  
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  - Transfer Certificate (T.C) from the institution where the candidate has last studied.
  - Degree certificate and complete memorandum of marks or consolidated memo of qualifying examination (the downloaded memos are not allowed). The candidate should ensure that he / she has passed the qualifying examination with requisite percent of marks without which his / her admission will not be entertained.
  - Secondary School or 10th std. Certificate.
  - Bonafide certificates from 9th Class onwards or Proof of Local \ Non-Local status of the candidate as per the rules in force.
  - Community / Caste Certificate, if applicable.
  - Latest Income Certificate issued by Tahsildar on or after 01.01.2023, if applicable.
  - Certificates of special categories, if applicable, and when called for admission under these categories.
  - Aadhaar Card.
- In addition to the above, the candidates must also upload passport size photographs that are similar to those uploaded during the online.

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## Photo Gallery



Coaching classes was conducted by Anuradha

