

DepEd-Division of Catanduanes  
RECORDS SECTION  
**RELEASED**  
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DATE: MAR 10 2025 TIME: 14:24



Republika ng Pilipinas  
Kagawaran ng Edukasyon  
Region 5 (Bicol)

**TANGGAPANG PANSANGAY NG MGA PAARALAN NG CATANDUANES**

March 7, 2025

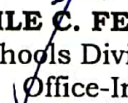
DIVISION MEMORANDUM

No. 206 s. 2025

**2<sup>nd</sup> REGIONAL BIOLOGY QUIZ BEE**

To : Assistant Schools Division Superintendent  
Chief Education Supervisors, CID & SGOD  
Public Schools District Supervisors  
Secondary School Heads  
All Other Concerned

1. Enclosed is the letter from Biology Teachers Association of the Philippine Inc., Bicol Chapter, re: holding the 2<sup>nd</sup> Regional Biology Quiz Bee on March 29, 2025, to be participated by Grade 9-12 students.
2. Participation in this activity is VOLUNTARY and should be understood that learning time of learners should not be affected.
3. A registration fee of Php 1200.00 per team can be charged to the school MOOE subject to the approval of school head, and to the existing budgeting, accounting, and auditing rules and regulations.
4. For information and dissemination.

  
**CECILE C. FERRO, CESO VI**  
Assistant Schools Division Superintendent  
Office-In-Charge  
Office of the Schools Division Superintendent



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REGIONAL  
BIOLOGY QUIZ BEE

**BIOLOGY TEACHERS ASSOCIATION OF THE PHILIPPINES, INC.**

**-BICOL CHAPTER-**

Philippine Science High School - Bicol Region Campus

Brgy. Tagongtong, Goa, Camarines Sur 4422

## 2ND REGIONAL BIOLOGY QUIZ BEE

University of Nueva Caceres

March 29, 2025

### PROGRAM – MORNING

TIME	ACTIVITY	VENUE	
7:00 AM – 8:00 AM	Registration (by respective coaches)	<b>UNC Covered Courts</b>	
8:15 AM – 8:30 AM	Doxology		
	Philippine National Anthem		
8:40 AM – 9:00 AM	Invocation		
	Opening Remarks <b>Maria Felclana Benita M. Eloreta, PhD</b> <i>President, BIOTA Bicol Chapter</i>		
	Message <b>Fay Lea Patrla M. Lauraya, PhD</b> <i>President, University of Nueva Caceres</i>		
9:00 AM – 9:15 AM	Presentation of Participating Schools and Quiz Bee Mechanics <b>Diana Mae U. Ponce</b> <i>Recording Secretary, BIOTA Bicol Chapter</i>		
9:20 AM – 9:30 AM	HS and Tertiary categories quizzers proceed to their respective venues		HS Elims – <b>HS Classroom</b> Tertiary Elims – <b>Social Hall</b>
9:40 AM – 10:40 AM	<b>Quiz Bee Elimination Round</b> (Written)		HS Elims – <b>HS Classroom</b> Tertiary Elims – <b>Social Hall</b>
	<b>Networking with coaches</b>		Coaches Seminar – <b>NB AVR</b>
10:45 AM – 11:45 AM	Checking and Announcement of Top 20 Teams		
	Preparation for Lab Skills Station (semi-final round) <b>Lunch Break</b> (Participants & Coaches)		





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**2ND REGIONAL BIOLOGY QUIZ BEE**

*University of Nueva Caceres*  
*March 29, 2025*

**PROGRAM – AFTERNOON**

<b>TIME</b>	<b>ACTIVITY</b>	<b>VENUE</b>
12:00 NN – 1:00 PM	Conduct of Semi-Final Round (Laboratory Skills Station)	HS Elims – <b>HS Classroom</b> Tertiary Elims – <b>Social Hall</b>
1:45 PM – 2:00 PM	Checking and Announcement of Top 10	
2:15 PM – 3:30 PM	<b>Final Round – Quiz Bee Modality</b>	HS Elims – <b>HS Classroom</b> Tertiary Elims – <b>Social Hall</b>
3:30 PM – 3:45 PM	Tabulation of Scores  Intermission  Announcement of Upcoming BIOTA Activity	<b>UNC Covered Courts</b>
4:00 PM – 4:15 PM	Awarding of Winners  <b>Alicia Naag</b> <i>Vice President, BIOTA Bicol Chapter</i>  <b>Marylendra A. Penetrante, PhD</b> Dean. UNC SSNS  <b>María Luisa B. Archivido</b> Assistant Dean. UNC SSNS	
4:15 PM – 5:00 PM	Closing Remarks  <b>Marylendra A. Penetrante, PhD</b> Dean. UNC SSNS  <b>María Luisa B. Archivido</b> Assistant Dean. UNC SSNS	





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**2ND REGIONAL BIOLOGY QUIZ BEE MECHANICS****I. Team Composition**

1. All bonafide students currently enrolled in any private and public senior high school and tertiary schools may join the contest. Proof of official enrollment/school affiliation shall be submitted upon registration of teams.
2. Each team shall be composed of three (3) regular contestants and one (1) official coach.
3. For the Secondary Category, each team may be composed of students from Grades 9 to 12.
4. For the Tertiary Category, each team may be composed of BS Biology 1st to 3rd year students.
5. Each school may send a maximum of three (3) competing teams.

**II. Registration Process**

6. Each participating team shall pay a pre-registration fee of ₱1,200.00 (March 17-23, 2025)  
Online Registration link: [2nd Regional Biology Quiz Bee](#)
7. Payment shall be made via GCash (Please see **VII. GCash Payment**)
8. The teams shall register their team composition, proofs of institutional affiliation, and proof of payment via Link: 2nd Regional Biology Quiz Bee.
9. Deadline for payment and registration is on March 24, 2025
10. No on-site payment and registration will be accepted.

**III. General Rules**

11. Contestants and coaches shall wear their complete school uniform during the Quiz Bee.
12. The Quiz Bees for the Secondary Category and Tertiary Category shall be held simultaneously in two separate venues inside UNC.
13. The contestants should be at their competition venue fifteen (15) minutes before the start of every competition round. A ten (10) minute grace period may be permitted by the organizers, after which immediate disqualification shall be enforced to the teams with incomplete members.
14. Student participants are not allowed go out of UNC for the entire duration of the Quiz Bee, unless for very important purposes as coordinated with the Quiz Bee Organizers.
15. The participating teams shall bring their own packed lunch in the venue.  
Snacks for the student participants and coaches will be provided by the Quiz Bee Organizers.
16. The 2nd Regional Biology Quiz Bee shall be divided into three (3) rounds:  
Elimination Round, Semi Final and Final Round.
17. The Elimination Round for the Secondary and Tertiary categories shall be composed of a written exam.





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18. The top 60 individual /top 20 team from the Elimination Round for the Tertiary and High school Categories shall advance to skills challenge for the Semi final round.
19. The Top 10 Teams for both categories shall advance to the Final Round Quiz bee, which shall be divided into three (3) rounds: Easy, Average and Difficult Rounds.
20. Clarifications regarding the rules of the competition shall only be entertained by the Quiz Bee Organizers on or before **March 27, 2025**.

#### IV. Elimination Round

##### A. Written Exam

21. The written exam for the Elimination Round shall be individually taken by all three (3) team members.
22. The contestants shall bring only their own black or blue ballpens. Answer sheets and scratch papers shall be provided by the Quiz Bee Organizers.
23. Calculators, conversion tables, and the like are NOT allowed during the contest.
24. Any form of cheating shall automatically disqualify the team from the entire competition.
25. The contestants are given a maximum of one (1) hour to finish the written exam.
26. Any questions or concerns during the written exam may be addressed to the proctors.
27. The written exam coverage are as follows:

**Cell Biology** (General features of cells, Membrane Structure and Transport, Enzymes, Metabolism, and Cellular Respiration, Photosynthesis; Cell Communication and Regulation of the Cell Cycle)

**Genetics** (Nucleic acid structure and DNA replication, Gene expression at the molecular level, Gene regulation, Mutation, DNA Repair and Cancer, Eukaryotic chromosomes; Mitosis and meiosis, Simple patterns of inheritance; Complex patterns of inheritance; Genetic technology; Genomes, proteomes, and Bioinformatics)

**Evolution** (History of life; Origin of species; Taxonomy and systematics)

**Plant and Animal Biology** (Plants: behavior, nutrition, transport and reproduction; Animals: body systems and development)

**Ecology** (Species interactions; Population, species, community and ecosystems ecology; Biodiversity conservation).

**General Botany**

**General Zoology**

**General Ecology**

**Microbiology**

**General Physiology**

**Systematics**

**Evolutionary Biology**

**Genetics**

**Cell & Molecular Biology**

**Developmental Biology**





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28. The individual scores of the team members shall be averaged to form the team score.
29. For the Tertiary Category, the Top 10 Teams based on the team scores shall comprise 60% of the overall Elimination round and will proceed to the Semi Final Round.
30. In the event of a tie, the team with the higher combined score of their team's Top 2 scorers shall be placed higher in the ranking.
31. For the Secondary Category, the Written Exam team score shall comprise 60% of the overall Elimination Round score of the competing team.

### **B. Semi Final Round - Lab Skills Challenge**

32. The semifinal round will be a move-type exam involving problems and tasks that test practical, theoretical, and problem-solving skills, answered as a team.
33. There will be a total of 4 stations for the tertiary category and 10 stations for the HS. Teams will have five minutes to finish the tasks in one station.
34. For HS category- There will be a total of four (10) stations (dry lab) that each team will have to go through, namely:
  1. Cell Biology;
  2. Genetics;
  3. Ecology
  4. Anatomy and Physiology

The mechanics of each station will be written by the station sponsors. Scoring will be determined yet.

For Tertiary category- There will be a total of four (4) stations (wet lab) that each team will have to go through, namely:

1. Microbiology
2. Molecular Biology
3. Animal Anatomy and Physiology
4. Genetics

The mechanics of each station will be written by the station sponsors. Scoring will be determined yet.

35. Teams must strictly follow the instructions in each station, including signals to start and stop working. Failure to do so (e.g., touching set-ups that should not be touched or working outside the allotted time) may result in their points for that station being declared void.
36. The team's scores for all stations shall be averaged and shall comprise 40% of their overall Elimination Round score.
37. The Top 10 Teams based on their overall Elimination Round and Semi Final scores shall proceed to the Final Round.
38. In the event of a tie, the team with the higher combined score of their team's Top 2 written exam scorers shall be placed higher in the ranking.





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#### V. Final Round

39. The results of the Semi Final Round shall be announced minutes before the Final Round.
40. The Top 10 Teams for both Categories shall advance to the Final Round Quiz bee type, which shall be divided into three (3) rounds: Easy, Average and Difficult Rounds.
41. The EASY Round consists of TEN (10) questions worth ONE (1) point each (30 secs).
42. The AVERAGE Round consists of TEN (10) questions worth THREE (3) points each (60 secs)
43. The DIFFICULT Round consists of TEN (10) questions worth FIVE (5) points each (90 secs)
44. The Quizmaster SHALL only read each question twice, and the corresponding choices once before the timer to answer starts.
45. Once the Quizmaster says, "GO!", the countdown timer shall start and the contestants may start deliberating on their Team answer.
46. Contestants are given 30 seconds to answer during the Easy Round, 60 seconds during the Average Round, and 90 seconds during the Difficult Round.
47. Once the Quizmaster says, "Time's up! Please raise your answers," each Team shall raise the placard corresponding to their Team answer.
48. Proctors shall then raise the Team Number if their assigned Team gets the correct answer. To all Teams, please wait for the Quizmaster to finish recognizing the Teams with correct answers before putting down your answer placards.
49. The following cases will be considered as an incorrect answer:
  - An answer without its correct unit or with incorrect unit (even with correct value);
  - An answer with incorrect spelling.
50. Any form of Team misbehavior may become grounds for the disqualification of the Team, as determined by the proctors.
51. All competing teams and audiences are enjoined to observe proper academic behavior during the Final Round.
52. In the case of a tie, a clincher round composed of three sets of one (1) Easy, one (1) Average, and one (1) Difficult question will be held. The team with the higher score in the clincher round will be placed higher in ranking.
53. Any complaint, reaction or inquiry regarding a question should be addressed immediately or before the next question is given by the Quizmaster. Only contestants on the stage and their respective coaches may address a complaint, reaction or inquiry. The decision given by the judges is final and is not subject to appeal.
54. The Top 3 Teams at the end of the Final round shall be awarded with cash prize, school certificate, and medals.

#### VI. Other Instructions

55. All participants should bring their own tumblers.
56. AM and PM snacks will be served while lunch will be borne by the participants.
57. During the elimination round, coaches will attend the "NETWORKING talk" w/ MFB M. Eloreta.
58. Everybody must follow proper waste disposal.





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**V. Inquiry Channels**

**HANNAH FE A. EMILA**  
*Registration Committee Head*  
*BIOTA-Bicol Chapter Treasurer*  
[biotabicolchapter.1996@gmail.com](mailto:biotabicolchapter.1996@gmail.com)  
[hfemila@brc.pshs.edu.ph](mailto:h femila@brc.pshs.edu.ph)

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[meloreta67@gmail.com](mailto:meloreta67@gmail.com)

**VI. Other Instructions**

- 59. All participants should bring their own tumblers.
- 60. AM and PM snacks will be served while lunch will be borne by the participants.
- 61. During the elimination round, coaches will attend the "NETWORKING talk" w/ MFB M. Eloreta.
- 62. Everybody must follow proper waste disposal.

**VII. GCash Payment**

**Hannah Fe A. Emila**  
*BIOTA-Bicol Chapter Treasurer*  
GCash: 0945-834-4117

