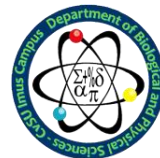Republic of the Philippines
CAVITE STATE UNIVERSITY
Imus Campus
Cavite Civic Center Palico IV, City of Imus, Cavite 4103
(046) 471-66-07 / (046) 436-65-84
www.cvsu.edu.ph

DEPARTMENT OF BIOLOGICAL AND PHYSICAL SCIENCES

ASYNCHRONOUS ACTIVITY #1
STAT 2A (Applied Statistics)

GENERAL DIRECTIONS: Read and answer each item as instructed. Write your computations on your quiz booklet.

1. The table below shows the details of harvests recorded at three different tomato farms of Del Munti Corporation.

Farm Location	Average Number of Tomatoes Harvested (in kg)	Standard Deviation
Baguio	211.07	5.41
Tagaytay	172.93	3.27
Davao	191.75	7.33
Cebu	153.88	3.89

   a. Which farm has the most consistent tomato harvest recorded?
   b. Which farm has the least consistent tomato harvest recorded?

2. An exit assessment was conducted to all graduating students of Cavite State University – Imus Campus. Information about the students is presented on the next page. Rank each program (BSBA, BSCS, BSIT, & BSE) based on the consistency of their performance (rank 1 being the most consistent)

Assessment scores of graduating students at CvSU - Imus

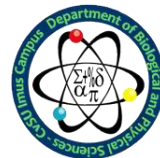| Name of Student	Program	Exam Rating	Name of Student	Program	Exam Rating
Layla	BSE	90	Paquito	BSBA	70
Miya	BSIT	87	Yin	BSCS	72
Ixia	BSIT	96	Vexana	BSCS	94
Wanwan	BSCS	79	Vale	BSBA	95
Valir	BSE	86	Brody	BSE	78
Rafaela	BSE	75	Bruno	BSBA	82
Silvanna	BSIT	88	Roger	BSIT	80
Hanabi	BSCS	82	Carmilla	BSBA	87
Alucard	BSCS	76	Cecilion	BSE	88
Floryn	BSBA	93	Odette	BSBA	96
Estes	BSBA	97	Lancelot	BSCS	91
Diggie	BSIT	91	Balmond	BSE	70
Alice	BSE	80	Uranus	BSBA	72
Pharsa	BSIT	85	Grock	BSCS	75
Valentina	BSCS	86	Belerick	BSIT	76
Mathilda	BSBA	87	Khufra	BSBA	80
Lolita	BSE	75	Lesley	BSIT	84
Johnson	BSIT	73	Harley	BSE	89
Benedetta	BSIT	75	Kagura	BSCS	94

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3. As part of pre-employment procedures, Eunice needs to undergo three assessments to measure her creative thinking, mathematical ability, and language proficiency. Here are the results of the assessment conducted:

Type of Assessment	Eunice's Rating	Mean Score of all Applicants	Standard Deviation
Creative Thinking Test	94.75	93.50	3.15
Mathematical Ability Test	87.62	90.25	5.63
Language Proficiency Test	95.32	96.63	3.76

If her performances will be compared with the rest of the applicants, on which type of assessment did she perform best? Worst?