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ԴԱՍՈՐԱՆԻ ՆԵՎՈՒՄԻ

**ԱՇԽԱՏԱՆՔԱՅԻՆ
ՏԱՆԵԿԱՆ ԾՐԱԳԻՐ**

Հասցե՝ Երևան, Կոմիտասի պող. 100

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2023 թվական

UNIT 1: THE HISTORY OF THE UNITED STATES

Date	Topic	Notes
	1. The first European settlers in North America were the Pilgrims who arrived in 1620 on the Mayflower.	
	2. The Pilgrims established the Plymouth Colony in Massachusetts.	
	3. The Pilgrims faced many hardships, including lack of food and shelter.	
	4. The Pilgrims were helped by the Native Americans, who taught them how to grow crops and hunt.	
	5. The Pilgrims eventually became known as the "Pilgrim Fathers".	
	6. The Pilgrims' story is a symbol of courage and faith.	
	7. The Pilgrims' journey is a key part of American history.	
	8. The Pilgrims' story is often told in schools and churches.	
	9. The Pilgrims' story is a reminder of the importance of faith and perseverance.	
	10. The Pilgrims' story is a key part of the American identity.	
	11. The Pilgrims' story is a symbol of the American dream.	
	12. The Pilgrims' story is a key part of the American heritage.	
	13. The Pilgrims' story is a reminder of the importance of community and cooperation.	
	14. The Pilgrims' story is a key part of the American spirit.	
	15. The Pilgrims' story is a symbol of the American way of life.	
	16. The Pilgrims' story is a key part of the American legacy.	
	17. The Pilgrims' story is a reminder of the importance of freedom and justice.	
	18. The Pilgrims' story is a key part of the American future.	
	19. The Pilgrims' story is a symbol of the American hope.	
	20. The Pilgrims' story is a key part of the American dream.	

RECORDS OF LABORATORY TESTS

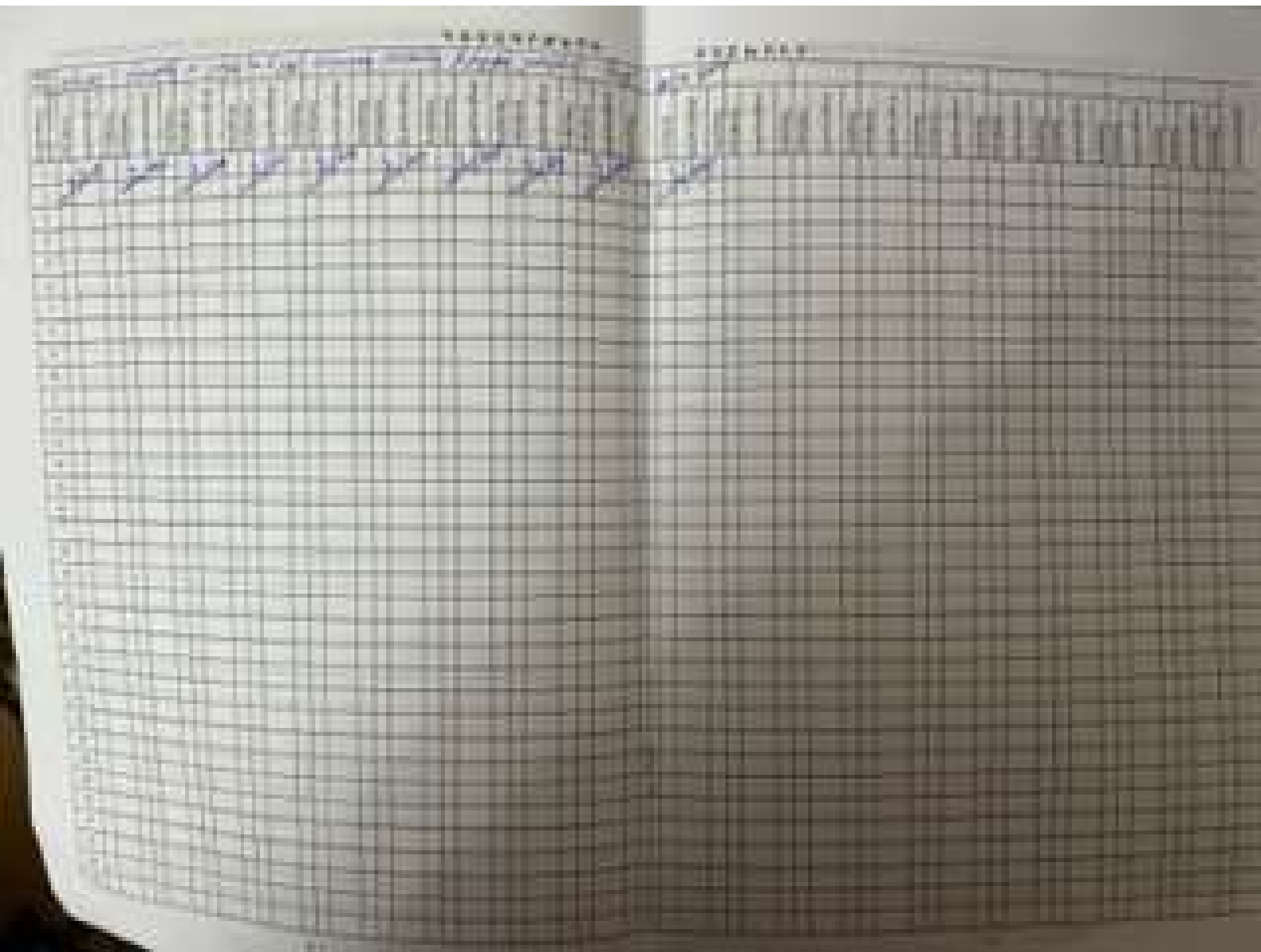
No.	Name of Sample	Date		Time	Temp	Remarks
		Day	Month			
1	Water	15/10/2024	10/2024	10:00	25°C	Clear, colorless
2	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
3	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless
4	Water	15/10/2024	10/2024	10:00	25°C	Clear, colorless
5	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
6	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless
7	Water	15/10/2024	10/2024	10:00	25°C	Clear, colorless
8	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
9	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless
10	Water	15/10/2024	10/2024	10:00	25°C	Clear, colorless
11	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
12	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless
13	Water	15/10/2024	10/2024	10:00	25°C	Clear, colorless
14	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
15	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless

RECORDS OF LABORATORY TESTS

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14	Soil	15/10/2024	10/2024	10:00	25°C	Moist, brownish
15	Air	15/10/2024	10/2024	10:00	25°C	Clear, odorless

Sl. No.	Particulars	Debit	Credit
1	Balance b/d		1000
2	By Cash	500	
3	By Bank	300	
4	By Debtors	200	
5	By Creditors		100
6	By Balance c/d		1000
		1000	1000

Sl. No.	Particulars	Debit	Credit
1	Balance b/d		1000
2	By Cash	500	
3	By Bank	300	
4	By Debtors	200	
5	By Creditors		100
6	By Balance c/d		1000
		1000	1000



APPENDICES TO MATHEMATICS

1. **Appendix A: The Real Number System**

This appendix discusses the properties of real numbers, including the operations of addition, subtraction, multiplication, and division. It covers the closure, commutative, associative, and distributive properties, as well as the existence of additive and multiplicative inverses. It also introduces the concept of absolute value and the order of real numbers.
2. **Appendix B: The Complex Number System**

This appendix introduces the complex number system, which includes the imaginary unit i defined by $i^2 = -1$. It shows how to perform operations with complex numbers and how to represent them in the complex plane. It also discusses the conjugate of a complex number and its relationship to the real and imaginary parts.
3. **Appendix C: The Binomial Theorem**

This appendix presents the Binomial Theorem, which provides a formula for expanding powers of a binomial. The theorem states that for any real numbers x and y , and any positive integer n , the expansion of $(x + y)^n$ is given by a sum of terms involving binomial coefficients. The binomial coefficients are defined as $\binom{n}{k} = \frac{n!}{k!(n-k)!}$.
4. **Appendix D: The Binomial Distribution**

This appendix discusses the Binomial Distribution, which is a discrete probability distribution. It is defined by the number of successes in a fixed number of independent trials, each with a constant probability of success. The probability mass function of a binomial distribution is given by $P(X = k) = \binom{n}{k} p^k (1-p)^{n-k}$, where n is the number of trials, k is the number of successes, and p is the probability of success in a single trial.
5. **Appendix E: The Normal Distribution**

This appendix discusses the Normal Distribution, which is a continuous probability distribution. It is characterized by its bell-shaped curve and is defined by its mean μ and standard deviation σ . The probability density function of a normal distribution is given by $f(x) = \frac{1}{\sigma\sqrt{2\pi}} e^{-\frac{(x-\mu)^2}{2\sigma^2}}$. The normal distribution is one of the most important distributions in statistics.
6. **Appendix F: The Central Limit Theorem**

This appendix discusses the Central Limit Theorem (CLT), which states that the distribution of the sample mean of a large number of independent and identically distributed random variables will be approximately normal, regardless of the distribution of the individual variables. This theorem is a fundamental result in statistics and is used to justify the use of normal distributions in many statistical tests.
7. **Appendix G: The Law of Large Numbers**

This appendix discusses the Law of Large Numbers (LLN), which states that as the number of trials increases, the sample mean of a random variable will converge to its expected value. This law is a key principle in probability theory and is used to explain why the results of many experiments tend to average out over time.
8. **Appendix H: The Monte Carlo Method**

This appendix discusses the Monte Carlo Method, which is a technique for estimating the value of a function or the probability of an event by using random sampling. It involves generating a large number of random samples and using the results to approximate the desired quantity. This method is widely used in fields such as finance, physics, and engineering.