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ARJUN BATCH

CLASS 11th | PHYSICS

मात्रक एवं मापन

UNITS AND MEASUREMENT



अध्याय-1 | भाग-1

एकदम BASIC से!

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आज क्या पढेंगे ?



1. राशियों के प्रकार
2. मूल राशियां
3. व्युत्पन राशियां
4. भौतिक राशियां

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राशियों के प्रकार

मापन किया जा सकता

भौतिक राशियाँ (Physical Quantity)

To measurable



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अ - भौतिक राशियाँ (Non-Physical Quantity)



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भौतिक राशियों को मापने के लिए
पैरामीटर स्थापित

मात्रक (Units)



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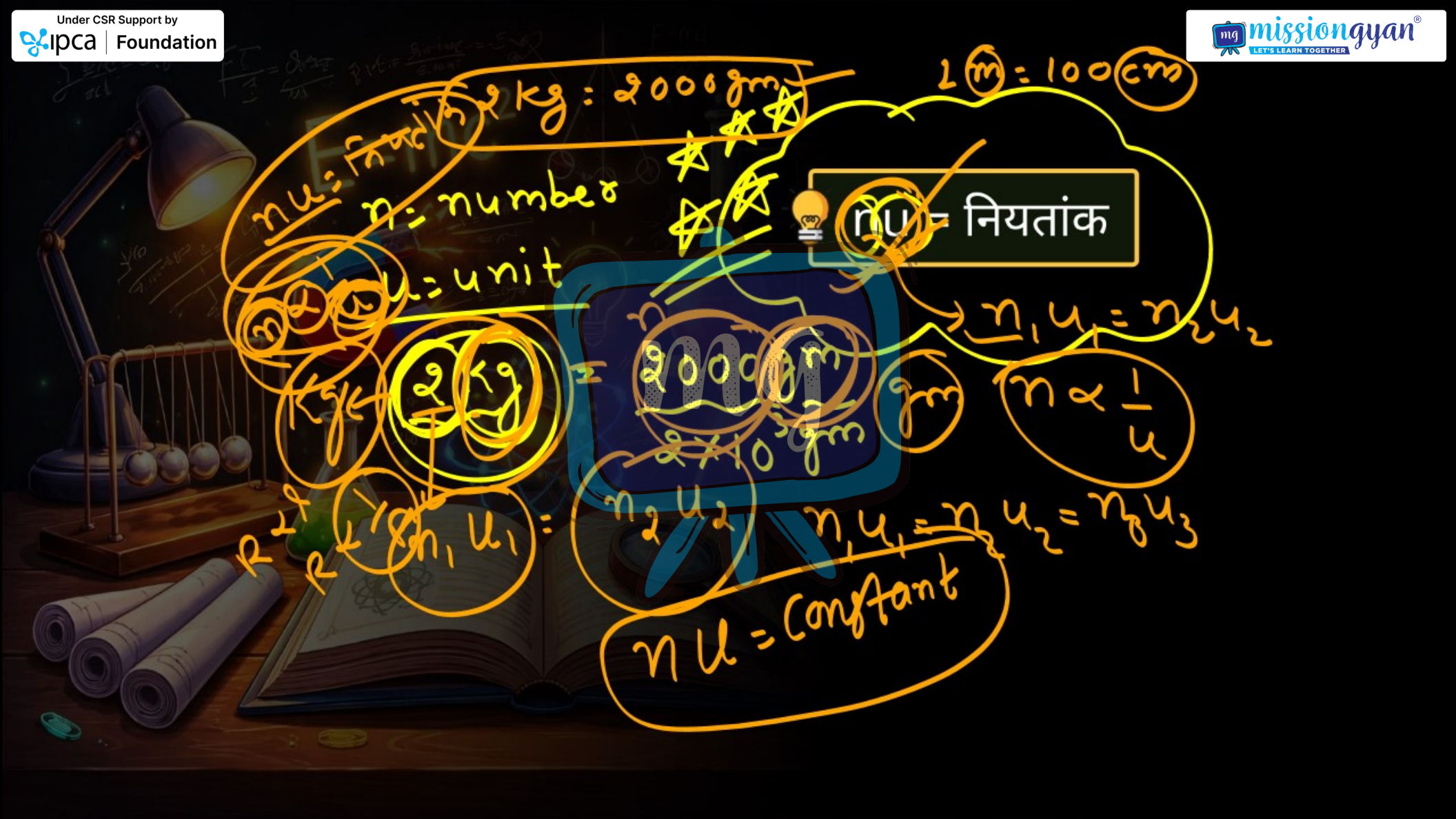

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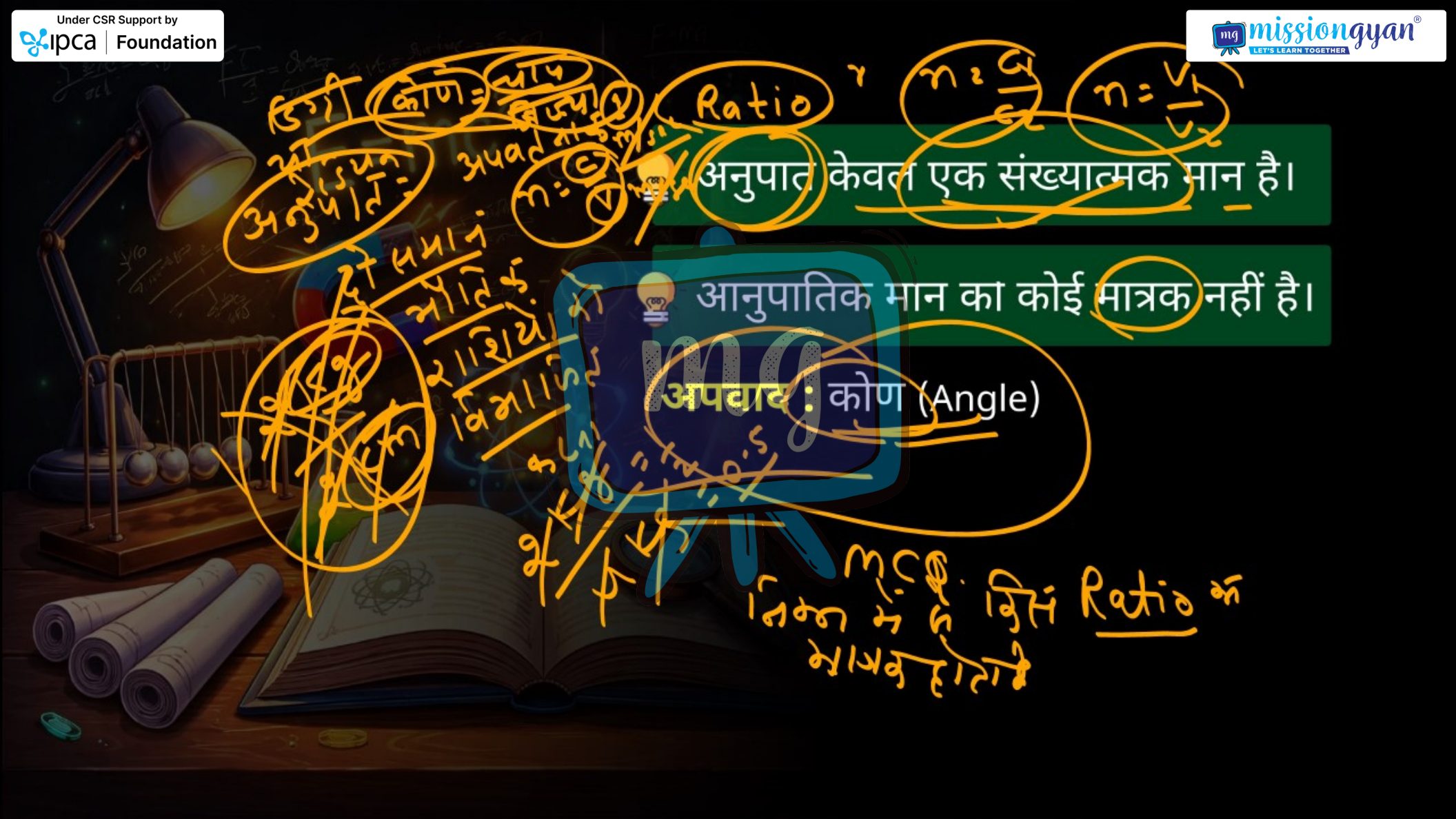

अनुपात केवल एक संख्यात्मक मान है।

आनुपातिक मान का कोई मात्रक नहीं है।

अपवाद : कोण (Angle)

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भौतिक राशियों के प्रकार

(A) मूलभुत भौतिक राशियाँ



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(B) व्युत्पन्न भौतिक राशियाँ



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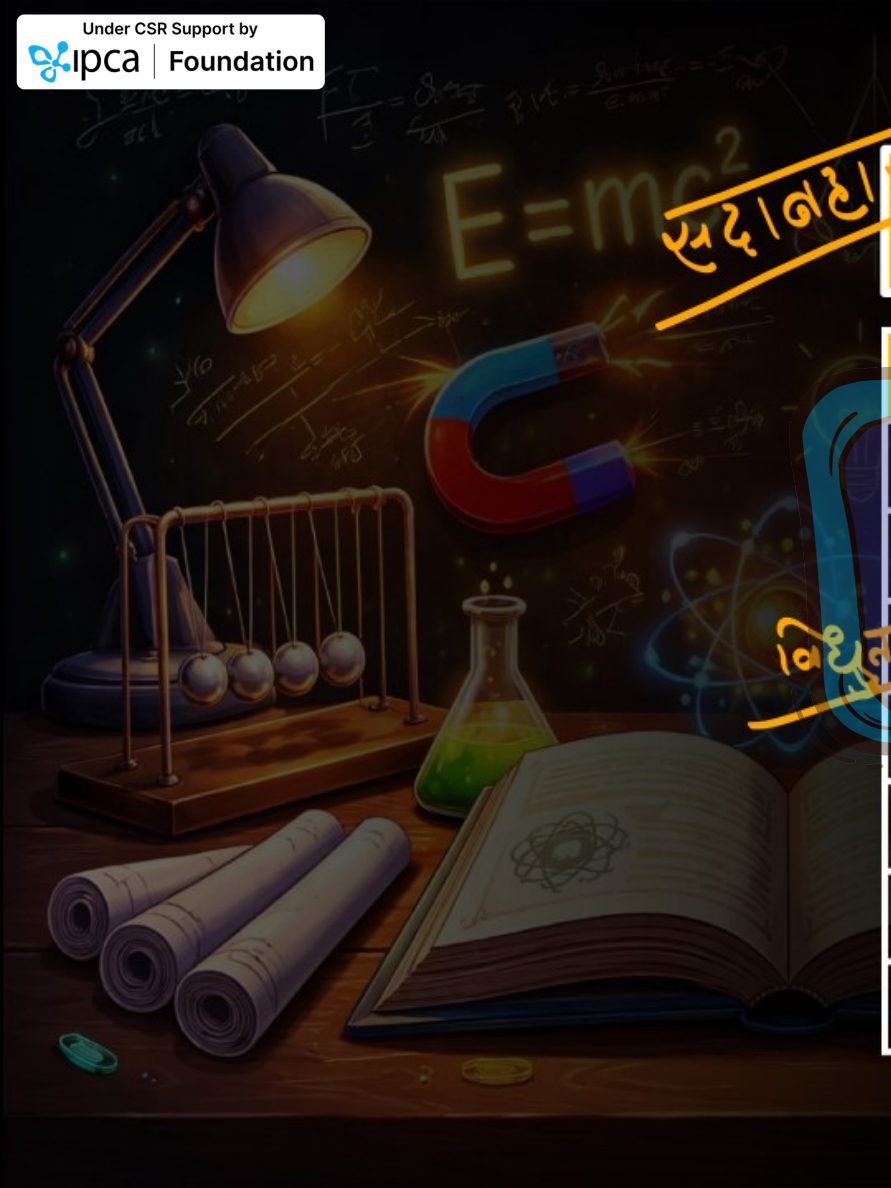

मात्रक के प्रकार (मूल मात्रक)

S.No.	Physical Quantity	Unit	Symbol
1.	Mass	Kilogram	Kg
2.	Length	Metre	m
3.	Time	Second	S
4.	Electric Current	Ampere	Amp
5.	Temperature	Kelvin	K
6.	Luminous Intensity	Candela	Cd
7.	Quantity of matter	mole	mol

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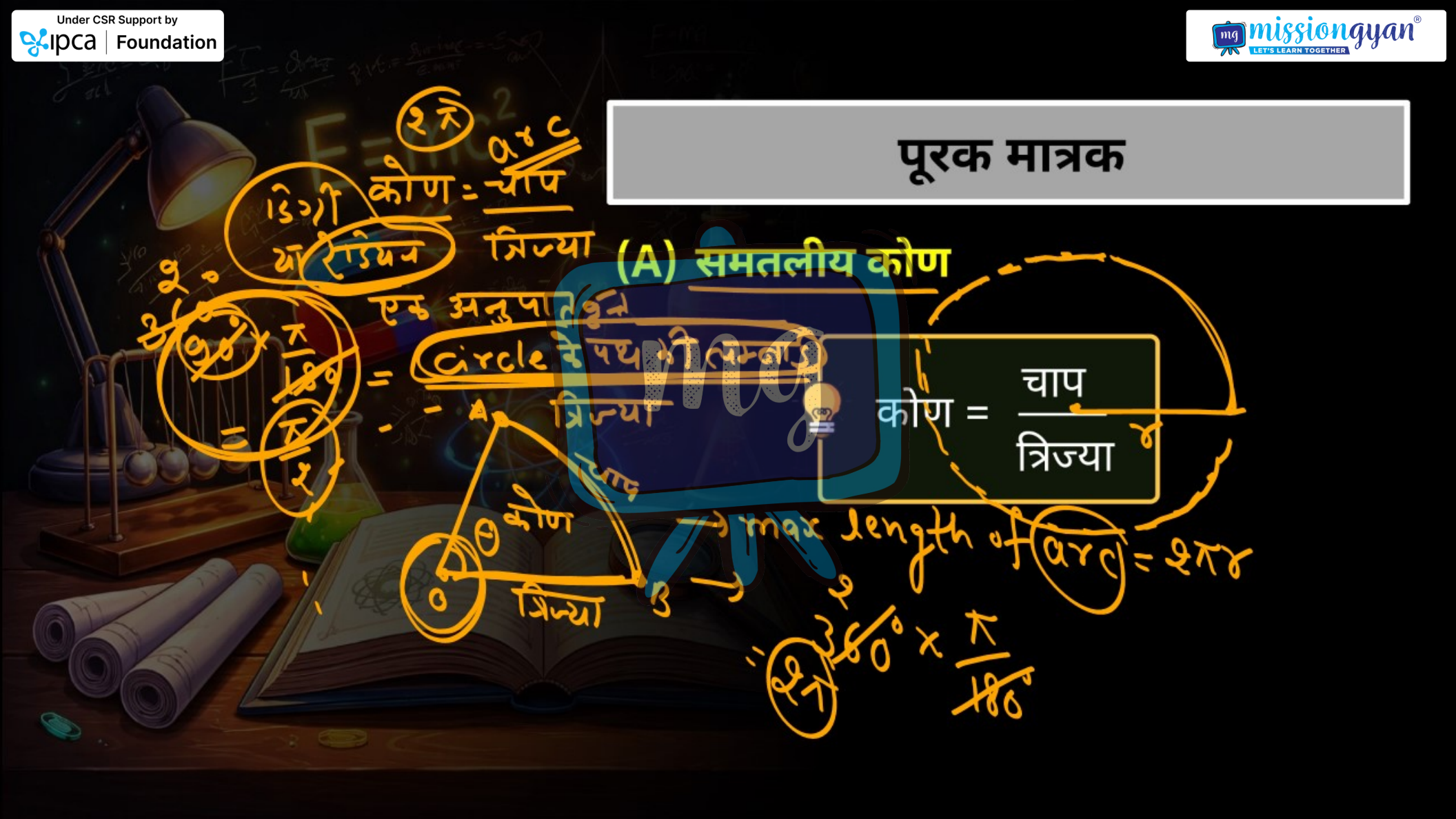
पूरक मात्रक

(A) समतलीय कोण

$$\text{कोण} = \frac{\text{चाप}}{\text{त्रिज्या}}$$



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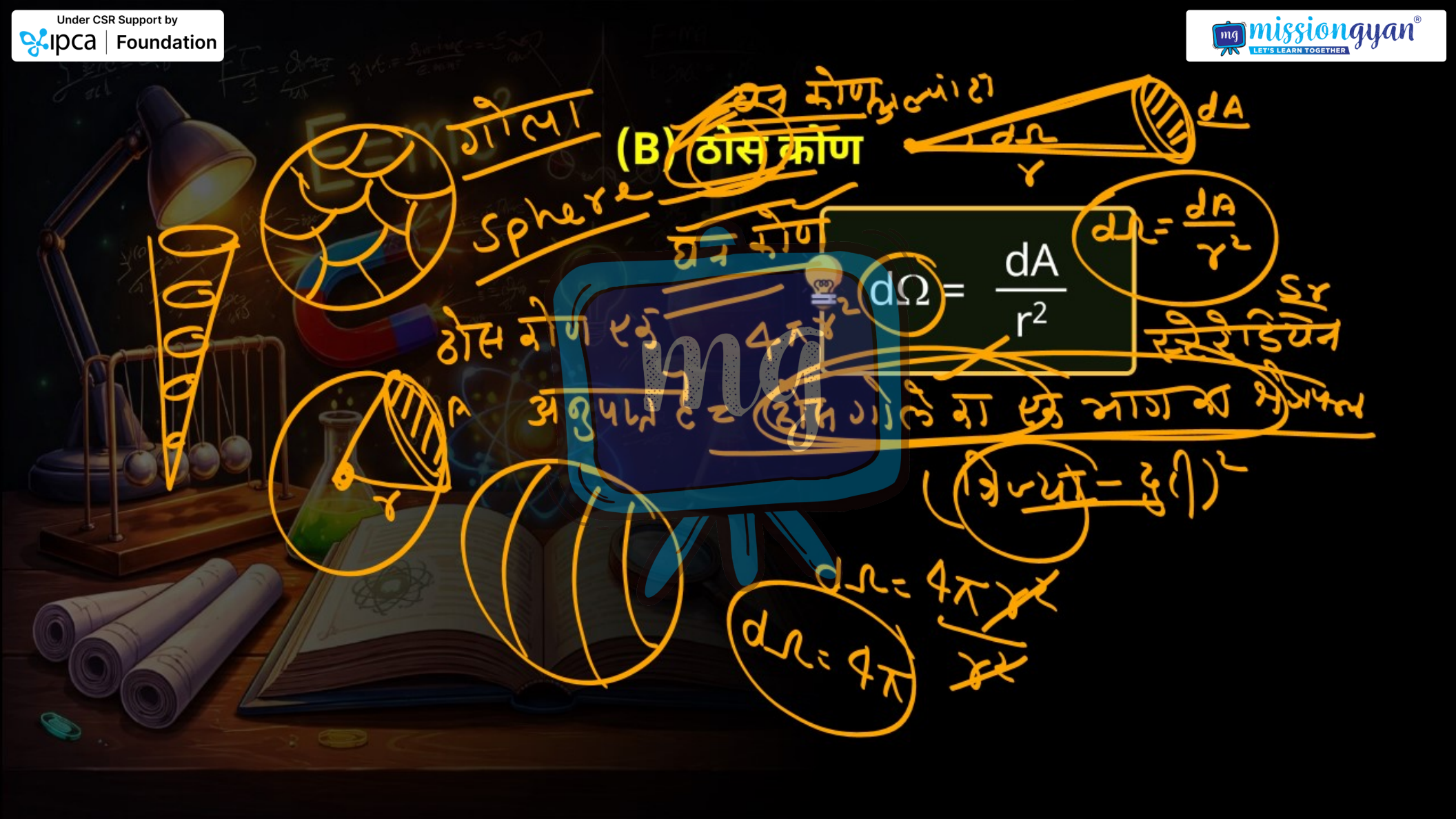

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मात्रक पद्धत्तियाँ (System of Units)

