

(EPC01-0001E)

- The branch of science which deals with the study of matter and energy and the relationship between them is called
 - A) Astronomy
 - B) Geology
 - C) Physics
 - D) Biology

(EPC01-0003M)

- Pin-hole camera was invented by
 - A) Al-Beruni
 - B) Ibn-UI-Haithem
 - C) Al-Khawarizmi
 - D) Ibn-e-Sina

(EPC01-0005E)

- The quantities like length, time, mass, force, electric charge and many more are called
 - A) basic quantities
 - B) Physical quantities
 - C) Derived quantities
 - D) Specified quantities



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(EPC01-0007M)

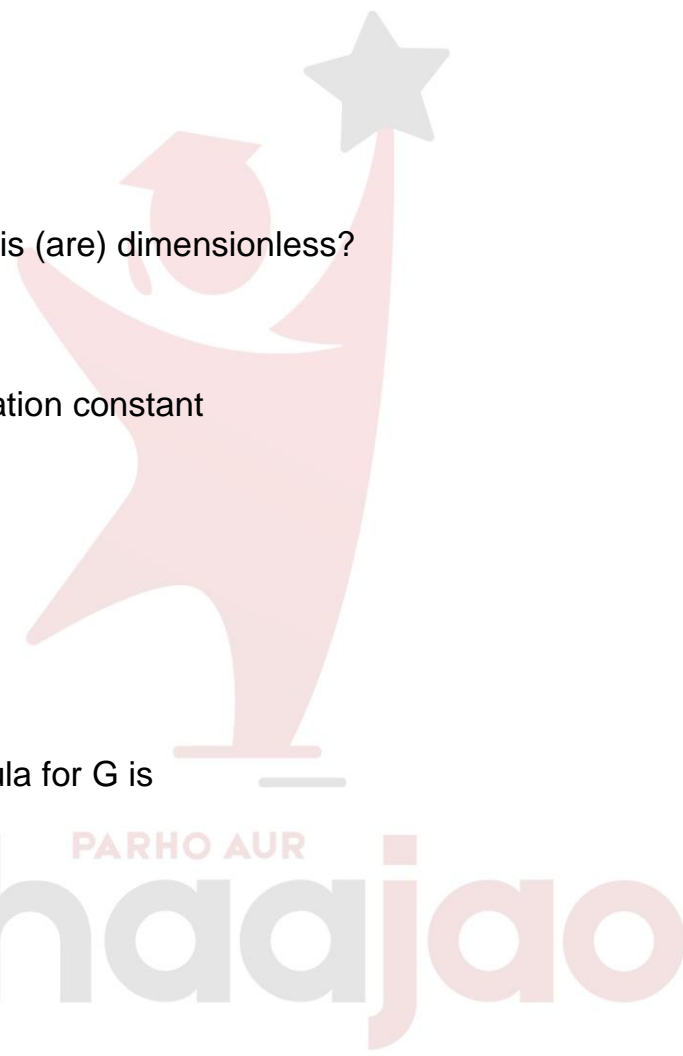
- The S.I. unit of intensity of light is
 - A) Meter
 - B) Kilogram
 - C) Candela
 - D) Mole

(EPC01-0009M)

- Which of the following is (are) dimensionless?
 - A) Refractive index
 - B) Specific heat
 - C) Universal gravitation constant
 - D) Momentum

(EPC01-0011M)

- The dimensional formula for G is
 - A) ML^3T^{-2}
 - B) $M^{-1}L^3T^{-2}$
 - C) $M^{-1}L^2T^{-3}$
 - D) ML^2T^{-3}



(EPC01-0013M)

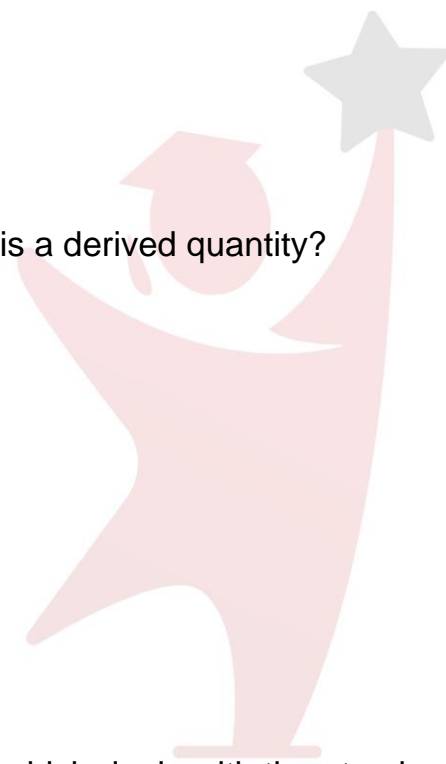
- The dimensional formula for resistance is
 - A) $ML^2T^{-3}I^{-1}$
 - B) $ML^2T^{-2}I^{-2}$
 - C) $ML^2T^{-3}I^{-2}$
 - D) $MLT^{-3}I^{-2}$

(EPC01-0015E)

- Which of the following is a derived quantity?
 - A) mass
 - B) velocity
 - C) length
 - D) time

(EPC01-0017E)

- The branch of physics which deals with the atomic nuclei is called:
 - A) solid state physics
 - B) medical physics
 - C) nuclear physics
 - D) mechanics



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(EPC01-0019E)

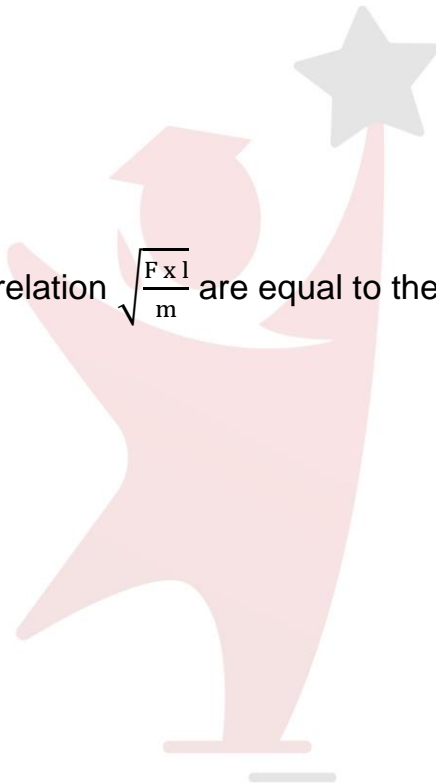
- Radian is unit of:
A) Plane angle
B) Solid angle
C) Area
D) Radius

(EPC01-0021M)

- The dimensions of the relation $\sqrt{\frac{F \times l}{m}}$ are equal to the dimensions of:
A) force
B) momentum
C) acceleration
D) velocity

(EPC01-0023M)

- $M^0L^0T^{-1}$ refer to quantity:
A) velocity
B) time period
C) frequency
D) force



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(EPC01-0025M)

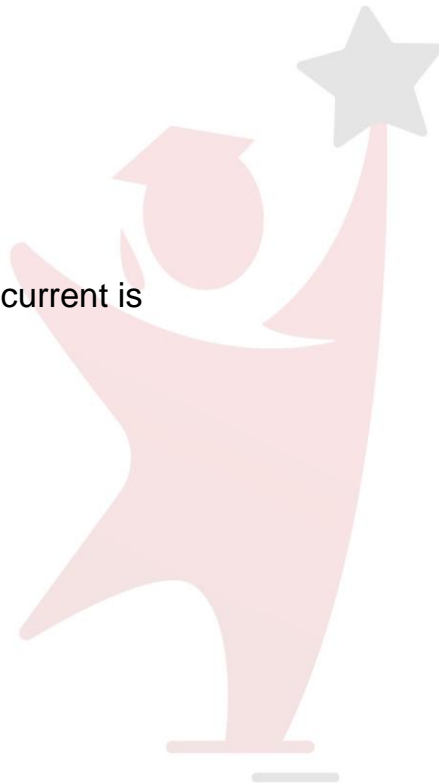
- Dimensional analysis helps:
 - A) to find relationship between quantities
 - B) to convert one system of unit into another
 - C) to confirm correctness of any physical equation
 - D) all of the above

(EPC01-0027E)

- The S.I. unit of electric current is
 - A) Mole
 - B) Ampere
 - C) Candela
 - D) Kelvin

(EPC01-0029E)

- The S.I. unit of mass is
 - A) Kg
 - B) gm
 - C) lbs
 - D) Slug



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Answer Key	
1	C
2	B
3	B
4	C
5	A
6	B
7	C
8	B
9	C
10	A
11	D
12	C
13	D
14	B
15	A

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