(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-Ul-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

(EPC01-0007M)
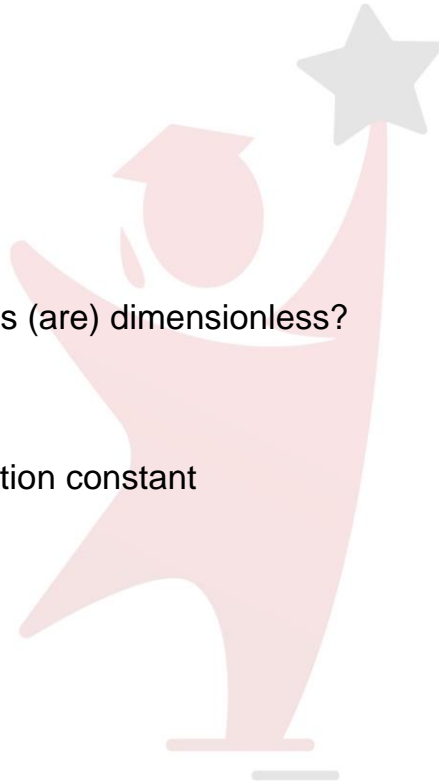
- The S.I. unit of intensity of light is

  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}
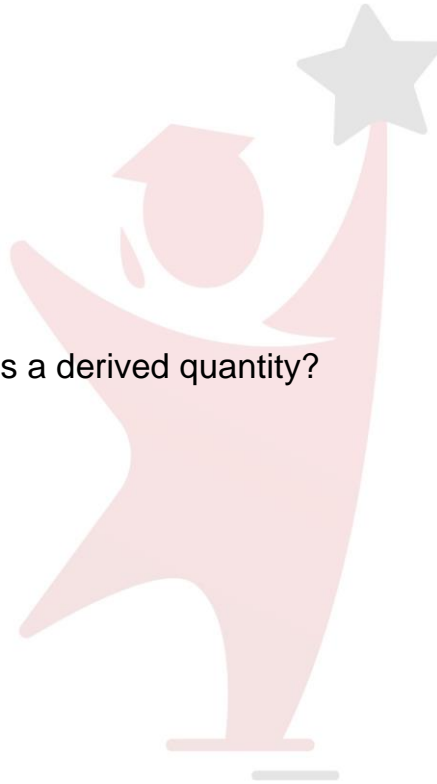 B) $M^{-1}L^3T^{-2}$
  C) $M^{-1}L^2T^{-3}$
  D) ML^2T^{-3}

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(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

(EPC01-0019E)
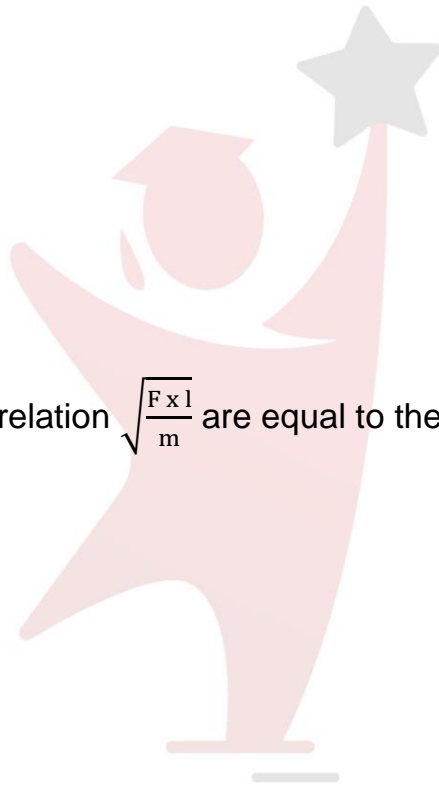
* Radian is unit of:

    A) Plane angle
    B) Solid angle
    C) Area
    D) Radius

(EPC01-0021M)

* The dimensions of the relation $\sqrt{\dfrac{F \times l}{m}}$ are equal to the dimensions of:

    A) force
    B) momentum
    C) acceleration
    D) velocity

(EPC01-0023M)

* $M^o L^o T^{-1}$ 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**