



FOR GOD AND COUNTRY

ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 1

Subject-Physical Science Worksheet- 4 Class – 9

Date- 5.02.21

Topic- Measurement

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS=1×15

- Question 1

Q. Choose the suitable prefix values and their symbols

1 000 000

answer choices

k

M

m

- Question 2

Q. Identify the SI unit to measure length

answer choices

Kilogram

Kelvin

metre

- Question 3

Q.

Choose TWO(2) examples of fundamental quantity

answer choices

Mass and density

Length and area

Length and mass

Mass and velocity

- Question 4

Q.

Define vector quantity.

answer choices

Quantity which has magnitude.

Quantity which has both magnitude and direction

Quantities that cannot be defined in term of other physical quantities

Quantities **derived from combination** of base quantities through **multiplication** or **division** or **both**

- Question 5

Q.

Find the SI unit of refractive index

answer choices

Zero

Km

Cm

Joule

- Question 6

Q.
Define physical quantity
answer choices

Quantities that cannot be defined in term of other physical quantities

Quantities derived from combination of base quantities through multiplication or division or both.

Quantity that cannot be measured

Quantity that can be measured

- Question 7

Q.
Determine the measurement tool for a piece of cloth
answer choices

Meter scale
Beam balance
Spring balance
None of these

- Question 8

Q.
S.I unit for current
answer choices

Ampere

Line

Circle

Distance

- Question 9

Q.
Distance is a scalar quantity

answer choices

true

false

- Question 10

Q. The **International System of (SI) unit** for **time** is:

answer choices

s

hr

min

ms

- Question 11

Q. The **International System of (SI) unit** for **temperature** is:

answer choices

°C

K

k

c

- Question 12

Q.
2 km/s = _____ m/s

answer choices

2000

200

20

0.02

- Question 13

Q. The SI unit is
answer choices

kilograms

grams

Newton

milligrams

- Question 14

Q. The SI unit is
answer choices

metre

inch

kilometre

millimetre

-

- Question 15

Q. Standard form for prefix mega is
answer choices

10^9
 10^6
 10^3
 10^{-1}

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