

A JESUIT CHRISTIAN MINORITY INSTITUTION <u>TERM-1</u> **ANSWERS**

Subject- Physical Science Worksheet- 1 Class – 9 Date- 14.01.21

Topic- Systems of Measurements and Measuring Devices	
CHOOSE THE CORRECT OPTION- (MCQ) MARKS=1×15	
Q1.What is the unit for measuring the temperature ?	
(A) kelvin	
2. One nanometer is equal to	
(C) 10 ⁻⁹ m	
3. Power is equal to	
(A) work/time	
4. Light year is a measurement of	
(B) Speed of light	

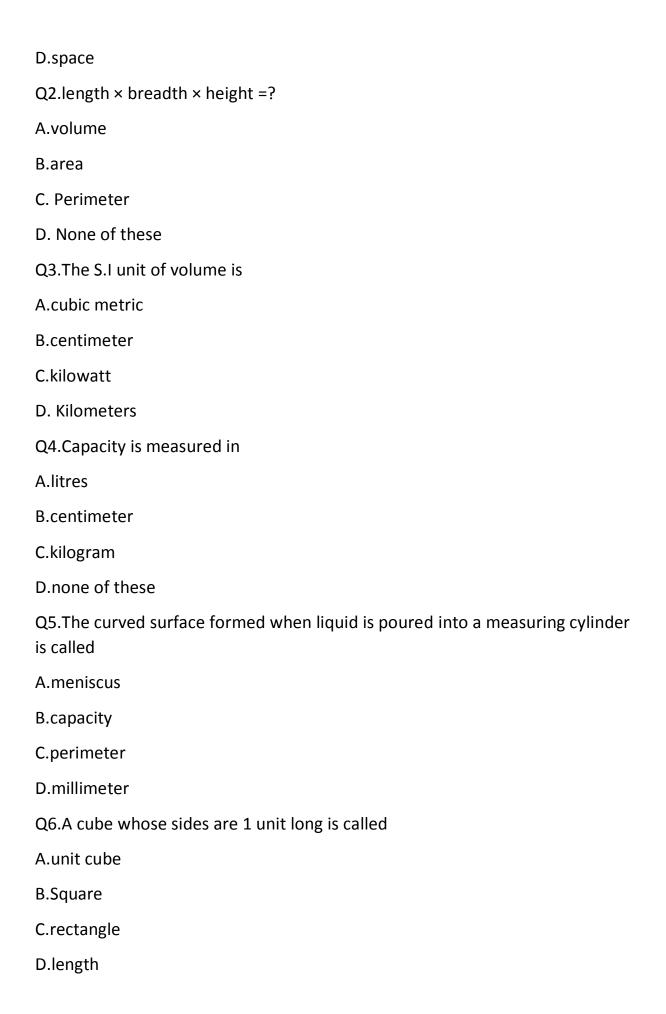
5. Acceleration =

(A) velocity/time

6.S.I unit of area is

7. Unit of area in Cgs system (A) square centimeters	
8. 1 parsecs = km	
(A) 3×100000000000 km	
9. Joule is the unit of	
(C) Energy	
10. How many Ergs are there in 1 joule?	
(A) 10^2	
11. Force = mass ×	
A.accleration	
12. 10 decilitres = litre	
A. 1	
13.Density of a substance is independent of its	
A. Mass or volume	
14. 1000 kilogram = metric ton	
A.1	





Q7.The amount of surface covered by an object or a place is called
A.area
B.perimeter
C.cube
D. None of these
Q8.The quantity of mass per unit volume of a substance is called
A. DensityB. MassC. VolumeD. Area
Q9. The distance traveled by an object per unit time is called
A.speed
B.distance
C.time
D. None of these
Q10. The standard unit of area in SI unit is is
A.square unit
B.Square distance
C.meter
D.centimeter
Q11.Mercury has meniscus.
A.convex
B.concave
C.both
D.none of these
Q12.The mass of a regular solid can be measured using a
A.physical balance

B.spring balance
C. Both of these
D. None of these
Q 13.1 ml = cubic centimeter.
A.1
B. 2
C.3
D.none of these
Q14.kilometer per hour is commonly used unit of
A.speed
B.time
C.area
D.perimeter
Q15.Density of water is
A.1000 kg per cubic meter
B.10 kg per cubic meter
C.100 kg per cubic meter
D.1 kg per cubic meter
T 6: 1:0.11

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