

**PHYSICS FORM ONE MARKING SCHEME**

1a) study of matter and its relation to energy.

b) mechanics, waves, Thermodynamics, Atomic physics electricity and Magnetism (any three)

2.-do not touch socket with wet hands

- never plug in any foreign objects into electrical socket

-turn off the electrical switches when not in used

3. Biology – knowledge of tenses – construction of Microscope.

Chemistry

History

4. Basic physical quantities – quantities that cannot be obtained from any other quantity e.g length, mass, time etc.

-derived quantities – quantities that can be obtained by multiplying of division e.g pressure, velocity. Etc

5. electric current, Ampere

-cubic meter m<sup>3</sup>

Luminous intensity, cd

Density Kg/m<sup>3</sup>

6. Engineer, pilot, bsc any three

7. mass=100mg = 10g =  $\frac{100}{1000}$  kg = 0.01kg

8.  $C = \pi D$ ,  $C = \frac{100\text{cm}}{20} = 5\text{cm}$

$D = C/\pi = \frac{5/22/7}{7} = \frac{5 \times 7}{22 \times 2}$

$D/2 = R \frac{5 \times 7}{22 \times 2}$

9. Add,  $7\text{cm}^3 + 5.0\text{cm}^3 = 12\text{cm}^3$  mark, check meniscus