Class-6

Subject-physics

TOPIC-Physical quantities and measurements.

WORKSHEET-2

(Answers)

A.(1) kilometer.

(2) Millimetre

(3) years

(4) gram

(5) degree Celsius

(6) second

(7) minute

(8) days

(9) kilogram

(10) milligram

(From book)

A.Short answer type of questions:-

1. 1000 mm.

2.electronic balance.

3.Solar day - it is the time it takes for the earth to rotate about its axis so that the sun appears in the same position in the sky.

4. 4p.m +12:00=16:00 hours

5.Kink prevents the Mercury from flowing back into the bulb when the thermometer is taken out of the patient's mouth, so that the temperature can be noted conveniently.

6. 212°F

B. Long answer type question:-

1)The different precautions used while using a scale to measure the length of a wooden block are :-

- The scale should be placed along the length to be measured.
- The scale should be placed very close to the object to be measured.
- The eyes must always be placed vertically above the mark being read.

 2) SIMILARITIES:

- Both the thermometers are used to measure the temperature of a body.
- In both the thermometers mercury is used as thermometric liquid.

DIFFERENCES:

- The stem and the bulb of laboratory thermometer is longer as compared to clinical thermometer.
- No kink in laboratory thermometer.
- In clinical thermometer the range is 35°c—42°c where as in laboratory thermometer the range is -10°c—110°c .

3) Precautions of clinical thermometer and laboratory thermometer:-

   (See page no. 25 of your book)

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C .Pick the correct one.

1. b
2. d
3. a.
4. b.
5. a.

D . Fill in the blanks:-

1 . mercury.

2. 100

3. millimetre.

4. 100

5. Electronic balance.

6. 37°C.

E. Define the following:-

1) Length- It is defined as the separation for distance between two points in space.

2)Mass- It is defined as the quantity of matter contained in a body.

3) Temperature- It is defined as the degree e of hotness or coldness of a body.

4) Area- It is defined as the measure of the surface of an object.

F. MARK THE STATEMENT AS TRUE AND FALSE:-

1) True.

2) false.

3) false.

4) true.

5) true.

CHOOSE THE ODD ONE OUT :

1) kilogram.

2) millimetre.

3)beam balance.

4) thermometer.

5) screw gauge.

H. Match the following:-

1.   (d)

2.   (e)

3.   (b)

4.   (a)

5.   (c)

I.GIVE ONE WORD:

1) 37°C.

2) metric system.

3) electronic balance.

4) periodic.

5) Gabriel Fahrenheit..

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