

MCQ Question Solving Session-7

Subject: Energy Conservation and
Management

Subject Code: 2181916

Prof. Krunal Khiraiya

1. Lux meter is used to measure.....

a) Illumination level

b) Sound intensity and illumination level

c) Harmonics

d) Speed

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b) Sound intensity and illumination level

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2. CO₂ measurement of Fyrite kit is based on

- a) Weight basis (dry)
- b) Volume basis (dry)
- c) Weight basis (wet)
- d) Volume basis (wet)

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3. Non-contact speed measurements can be carried out by

- a) Tachometer
- b) Stroboscope
- c) Oscilloscope
- d) Speedometer

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4. Infrared thermometer is used to measure

- a) Surface temperature
- b) Flame temperature
- c) Flue gas temperature
- d) Hot water temperature

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a) Surface temperature

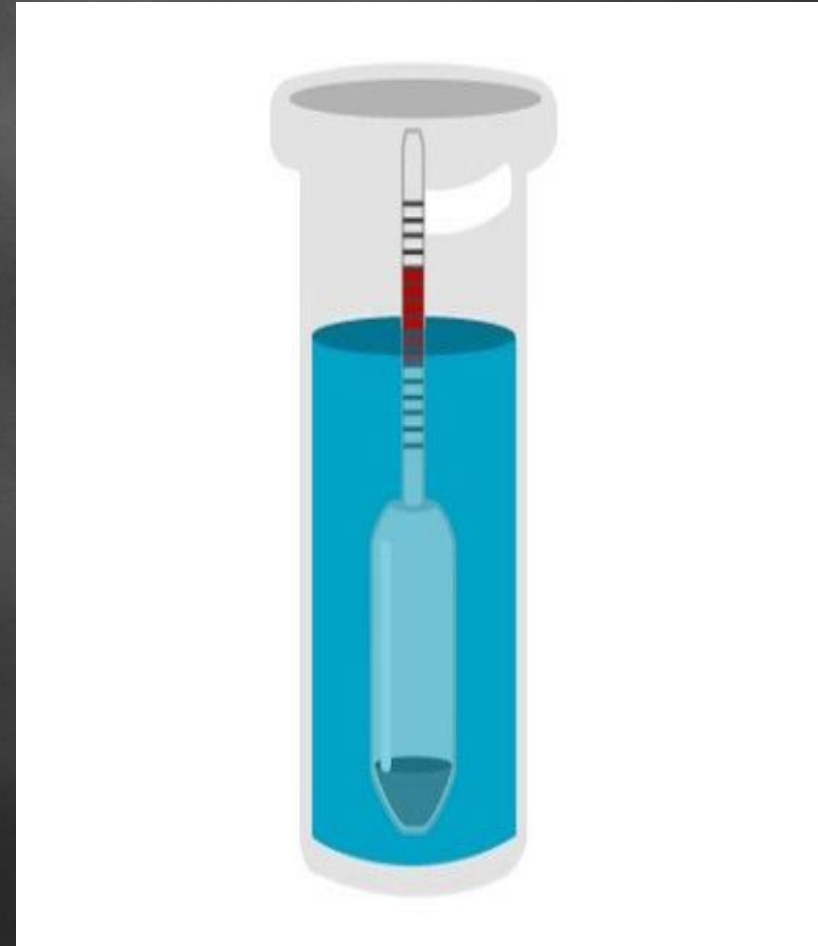
b) Flame temperature

c) Flue gas temperature

d) Hot water temperature

5. Liquid fuel density is measured by an instrument called

- a) tachometer
- b) hydrometer
- c) anemometer
- d) none of the above



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a) tachometer

b) hydrometer

c) anemometer

d) none of the above

6. Air velocity in ducts can be measured by using _____ and manometer

- a) Orifice meter
- b) Borden gauge
- c) Pitot tube
- d) Anemometer

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7. Non contact flow measurement can be carried out by

- (a) Orifice meter
- (b) Turbine flow meter
- (c) Ultrasonic flow meter
- (d) Magnetic flow meter

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(a) Orifice meter

(b) Turbine flow meter

(c) Ultrasonic flow meter

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8. Transit time method is used in which of the following instrument

(a) Lux meter

(b) Ultrasonic flow meter

(c) Pitot tube

(d) Fyrite

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9. Name the one instrument used to measure CO_2 from boilers stack is

(a) Infrared thermometer

(b) Fyrite

(c) Anemometer

(d) Pitot tube

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(b) Fyrite

(c) Anemometer

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10. Which instrument is used to monitor O_2 , CO in flue gas?

- a) Combustion analyzer
- b) Power analyzer
- c) Pyrometer
- d) Fyrite

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Thank
you



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