

Examrace

Exercise for Physics – Basic Questions up to Class 10 Important for Exams – Must Know Logics Part 5

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47. Lightning is formed when

- (a) similar charges of electricity rush towards each other and then get repelled
- (b) clouds strike against impurities in air and the friction burns up these impurities
- (c) strong opposite charges in different clouds break down the resistance offered by the intervening air
- (d) water vapor produces electricity in the clouds

Ans: (c)

48. Match the following

List – I	List – II
A. Voltmeter	1. Measurement of potential difference
B. Ammeter	2. Measurement of electric current
C. Velocity of light	3. Measurement of emf
D. Potentiometer	4. Detection of electric current
<i>Match the Following</i>	

(a) 1 2 3 4

(b) 4 3 1 2

(c) 1 2 4 3

(d) 3 4 2 1

Ans: (c)

49. Remote sensing satellites are called polar satellites because

- (a) they orbit the earth along the poles or from pole to pole
- (b) they are fixed at a point
- (c) the axis of satellite is always pointed towards the pole

(d) None of the above

Ans: (a)

50. Then term 'hydroponics' is used to describe

- (a) sound propagation under water
- (b) cultivation of plants in water
- (c) a disease in which patient develops fear of water
- (d) study of electronic devices which work under water

Ans: (b)

51. Core of transformer is made up of

- (a) Soft iron
- (b) Steel
- (c) Copper
- (d) Aluminum

Ans: (a)

52. Which instrument is used to measure pressure?

- (a) Saccharimeter
- (b) Ammeter
- (c) Manometer
- (d) Lactometer

Ans: (c)

53. What does Angstrom measure?

- (a) Quantity of liquid
- (b) Length of light waves
- (c) Length of cables
- (d) Speed of ships

Ans: (d)

54. Light year is related to

- (a) Energy
- (b) Speed

(c) Distance

(d) Intensity

Ans: (c)

55. Match the Following columns.

Column I	Column II
A. Relative	1. Pyrometer humidity
B. Anemometer	2. High temperature
C. Navigation	3. Hygrometer
D. Direction of wind	4. Chronometer
<i>Match the Following Columns</i>	

(a) B D A C

(b) D B A C

(c) A D B C

(d) C A D B

Ans: (a)

56. Which of the following instruments is used to measure pressure of gases?

(a) Barometer

(b) Manometer

(c) Ammeter

(d) None of these

Ans: (c)

57. Joule is the unit of

(a) Temperature pressure

(b) Energy

(c) Heat

(d) None of these

Ans: (c)

58. How many Dynes are there in one-gram weight?

(a) 900

(b) 375

(c) 981

(d) 250

Ans: (c)

59. How many Ergs are these in 1 Joule?

(a) 102

(b) 104

(c) 106

(d) 107

Ans: (d)

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