



Top-25 Physics Questions

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Instructions

For the following questions answer them individually

Question 1

At what temperature, both Celsius and Fahrenheit scales will show the identical readings ?

- A 100°
- B 0°
- C -40°
- D 40°

Answer: C

Question 2

What is the SI unit of Acceleration?

- A kg.m / s
- B m / s²
- C kg.m / s²
- D m / s

Answer: B

Question 3

Fathometer is a device used to measure

- A Depth of water
- B Soil water tension
- C Tides in the water
- D Relative density of liquids

Answer: A

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Question 4

The advance sunrise and delayed sunset is an example of?

- A Refraction of light
- B Reflection of light
- C Total internal reflection
- D None of these

Answer: A

Question 5

What is the change in melting point with an addition of impurity?

- A Decreases
- B Increases
- C No change
- D First decreases then increases

Answer: A

Question 6

What is the end product of all radioactive materials after the emission of radio active rays?

- A Lead
- B Calcium
- C Boron
- D Silicon

Answer: A

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Question 7

Which instrument is used to change/reverse the direction of electric current?

- A Cryometer
- B Commutator
- C Cyclotron
- D Calorimeter

Answer: B

Question 8

The image formed by a convex spherical mirror is?

- A Plane
- B Inverted
- C Real
- D Virtual

Answer: D

Question 9

Heat is which component of habitat?

- A Biotic component
- B Abiotic component
- C Both Biotic and Abiotic component
- D Neither of the two components

Answer: B

Explanation:

Heat is the **abiotic component** of habitat.

=> Ans - (B)

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Question 10

Name the device that measures the distance travelled by a vehicle.

- A Odometer
- B Ammeter
- C Barometer
- D Spinometer

Answer: A

Question 11

The principle involved in the motion of a rocket is :

- A Law of conservation of energy
- B Newton's first law
- C Law of conservation of mass
- D Law of conservation of momentum

Answer: D

Question 12

Pressure is measured in terms of

- A Mass & Density
- B Work done
- C Force and Area
- D Force and Distance

Answer: C

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Question 13

In which of the following cryogenic engines are used ?

- A Frost free refrigerators
- B Sub Marine propulsion
- C Rockets
- D Researches in superconductivity

Answer: C

Question 14

Who discovered neutrons?

- A James Chadwick
- B Hans Lippershey
- C William Stanley
- D Sebastian Ferranti

Answer: A

Question 15

Which among the following is an example of External Combustion Engine?

- A Diesel engine
- B Petrol engine
- C Steam engine
- D Otto engine

Answer: C

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Question 16

The range of Mercury thermometer is from ____ to ____.

- A 30°C to 350°C
- B -30°C to 350°C
- C 20°C to 200°C
- D 20°C to 150°C

Answer: B

Question 17

The speed of light in glass is ___?

- A 3.00×10^8 m/s
- B 2.00×10^8 m/s
- C 4.00×10^8 m/s
- D 6.00×10^8 m/s

Answer: B

Question 18

Which of the following units is used for the measurement of Luminous Intensity?

- A Candela
- B Mole
- C Ampere
- D Kelvin

Answer: A

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Question 19

What is "Binary Electronic Sequence Calculator" (BESK), created in 1953?

- A Electronic computer
- B Analogous Computer
- C Digital Computer
- D A Banker's Calculator

Answer: A

Question 20

Which of the following electromagnetic waves has minimum wavelength?

- A Alpha
- B Gamma
- C Infrared
- D X-rays

Answer: B

Question 21

Which of the following is false?
Sound waves are waves.

- A Pressure

- B Longitudinal
- C Electromagnetic
- D Mechanical

Answer: C

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Question 22

The force exerted by a magnet is an example of _____.

- A Non-contact force
- B Muscular force
- C Contact force
- D Electrostatic force

Answer: A

Question 23

Speed of wind is measured by?

- A Barometer
- B Hygrometer
- C Thermometer
- D Anemometer

Answer: D

Question 24

What is the velocity of sound in air?

- A 343 m/sec
- B 110 m/sec
- C 220 m/sec
- D 232 m/sec

Answer: A

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Question 25

The work done in moving a unit positive charge from infinity to that point in electric field is known as?

- A Electric circuits
- B Electric potential

C Electric current

D Ampere

Answer: B

Explanation:

The work done in moving a unit positive charge from infinity to that point in electric field is known as Electric potential.

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