



## PHYSICS

## **BOOKS - JNAN PUBLICATION**

## SAMPLE PAPER



1. What is the case of change in motion or

change in the state of motion?

A. pressure

**B.** friction

C. atmospheric pressure

D. force

#### **Answer:**

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2. The force involved in falling of an apple from

a tree is known as \_\_\_\_

- A. magnetic force
- B. electrostatic force
- C. contact force
- D. gravitational force

#### Answer:

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3. Which of these elements has highest density?

A. iron

B. copper

C. mercury

D. gold

#### Answer:



**4.** Name an atom in which the molecules of that atom does not contain any neutrons?

#### A. Hydrogen

- B. Oxygen
- C. Sodium
- D. Phosphorous

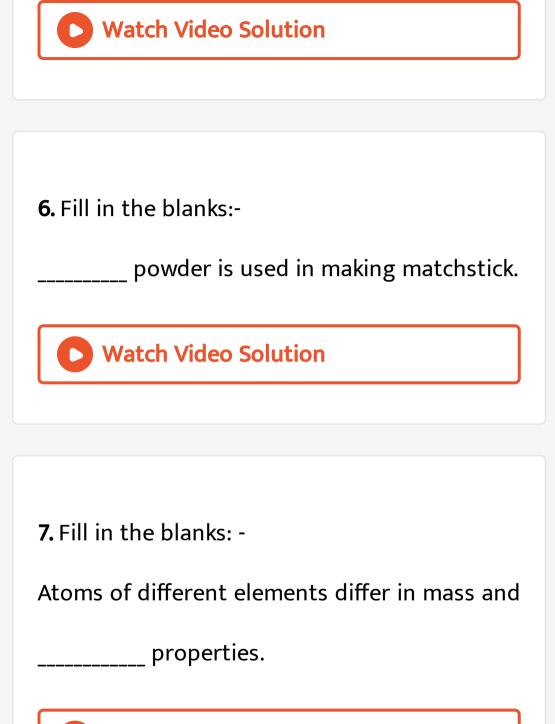
#### **Answer:**

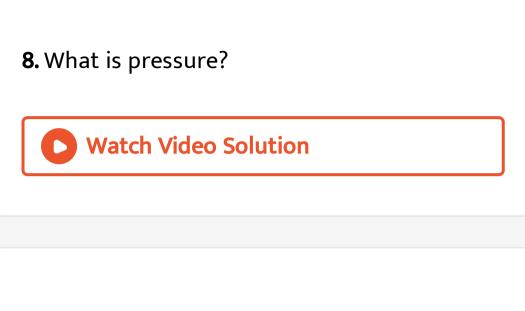
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#### 5. Fill in the blanks

we can change the direction of a moving body

by applying .....





**9.** By what unit electric charges is measured?



**10.** Which metal is the highest conductor of electricity?





11. What does the word 'atoms' mean in Greek

language?

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12. What is mainly present in haemoglobin?

13. Write name of two metals which have low

melting point.

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14. In which season evaporation rate is high?

A. rainy season

B. summer season

C. winter season

D. in all seasons





#### 15. Ionic compounds, are more souble in

A. ether

B. benzene

C. chioroform

D. water





16. Which of the following is electrolyte?

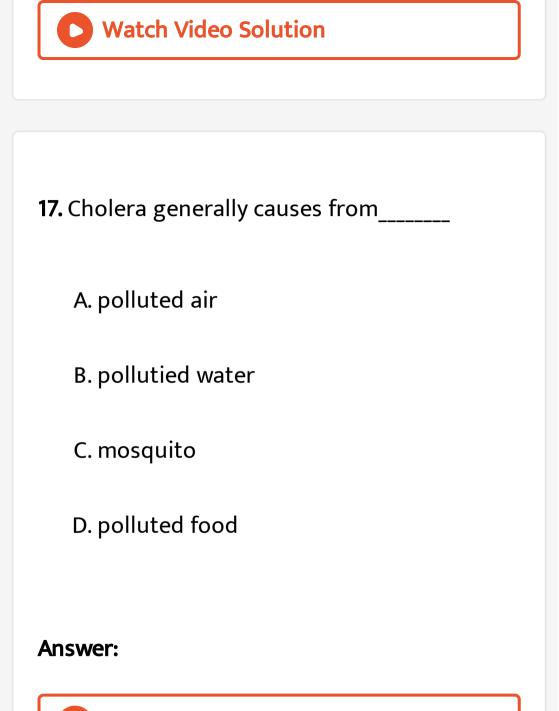
A. solution of sugar and water

B. graphite

C. water solution of  $H_2SO_4$ 

D. water solution of glucose

Answer:



**18.** Example of major carp\_\_\_

A. Rohu

B. Bata

C. Punti

D. silver carp

#### **Answer:**

**19.** Fill in the blanks:-

Dew is the example of natural\_\_\_\_\_.

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20. Fill in the blanks:-

\_\_\_\_\_

The supply of oxygen in atomosphere is due to

21. The flow of the electric charge is called an



22. Fill in the blanks:-

The food of the domestic animals is known as



23. Write the name of a substance which increase in volume after melting.Watch Video Solution

**24.** What is conduction of heat?

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**25.** Define reactants.

26. What is Catalyst? Write down the

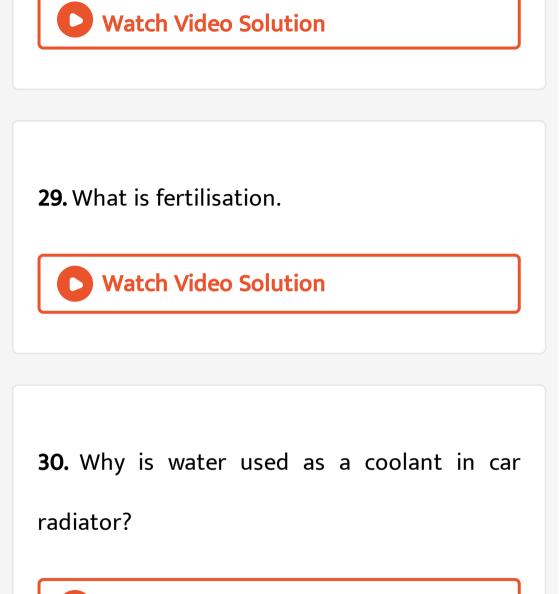
characteristics of catalysts.



#### **27.** Name a non-metal conductor.



28. What is an epidemic?



**31.** What is static electricity?



32. What is the cause of change in motion or

change in the state of motion?

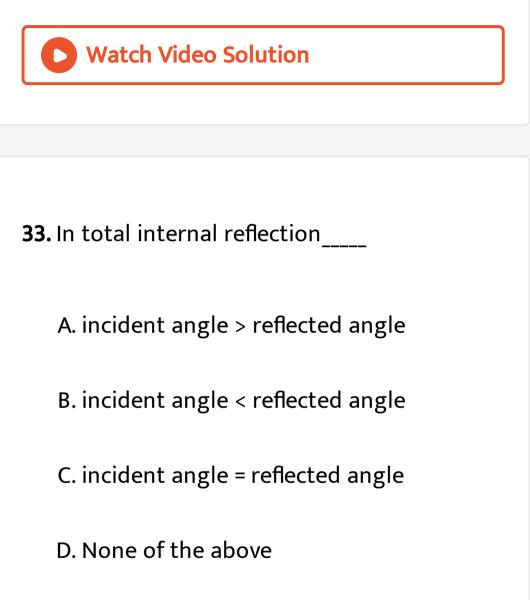
A. pressure

**B.** friction

C. atmoshpheric pressure

D. force





Answer:



**34.** The atom has \_\_\_\_\_

Positive charge

negative charge

some times positive and sometimes negative

no charge



**35.** Charged atoms are called\_\_\_\_\_

A. isotope

B. isobar

C. isotone

D. ion

#### **Answer:**

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**36.** Number of isotopes in oxygen\_\_\_\_\_

#### A. three

B. four

C. two

D. five

Answer:

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**37.** Teflon is \_\_\_\_\_

A. transparent

B. flexible

C. poor conductor of electricity

D. opaque

#### **Answer:**

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**38.** The shape of red blood corpuscle is \_\_\_\_

A. round

B. spindle

C. cylindricst

#### D. hexagonal

#### Answer:

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**39.** In male mostache and beard occur due to

the impact of \_\_\_\_\_

A. Progesterone

**B.** Testosterone

C. insulin

#### D. thyroxine

#### Answer:

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40. Which is not the cause of forest fire\_\_\_\_

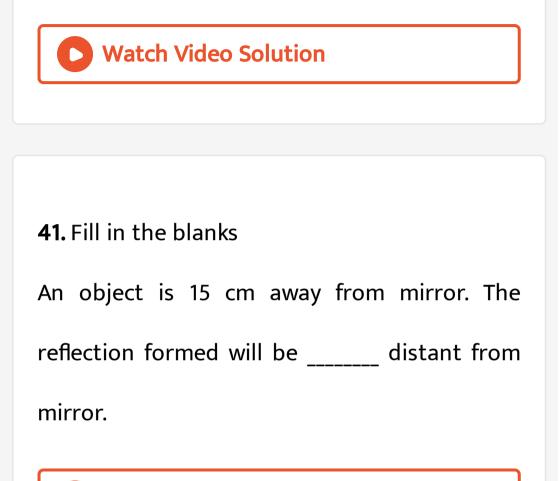
A. volcanic eruption

B. deforesetation

C. lightning

D. coocking in the forest

#### Answer:



**42.** Fill in the blanks

The total number of protons and neutrons in

an atom is called its \_\_\_\_\_



**43.** Fill in the blanks:-

Colourless nitric oxide gas is oxdized to

brown\_\_\_\_\_ in contact with oxygen.

44. Fill in the blanks:-

The increase of temperature of the atmosphere due to green house effect is called \_\_\_\_\_.

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45. Fill in the blanks:-

The term bacteria was first used by \_\_\_\_\_in

1828.

**46.** Fill in the blanks:-

The gland which bas both endocrine and

exocrine cells are \_\_\_\_\_ gland.



**47.** Fill in the blanks :

The tentacles of sea anemone contain

numerous \_\_\_\_\_ cells.

**48.** Fill in the blanks :

Each arm of octopus contains many \_\_\_\_\_.

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49. Name the instrument which is used to

measure liquid pressure?

Barometer

Thermometer

Conical Flask

Scale



<b>50.</b> What are ions?
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<b>51.</b> What is mass number?
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<b>52.</b> What is the specific gravity of oxygen?

**53.** How is hydrogen detected?

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# **54.** Which form of carbon is called 'a bucky ball'?

55. If diamond is strongly heated in presence

of air what is produced?

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**56.** What is called the power house of cell?

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**57.** With what type of cell the body of Spirogyra is made of?



### 58. What type of place is ideal for the growth

of microbes?

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#### **59.** How many cells are there in Protozoa?

60. Critical angle depends on

