

## SECTION - A

Q. NO. 2

## C. IMPORTANCE OF RISK

## ASSESSMENT IN DRM :

As per UNDRR,  
 Disaster risk management is  
 the management of policies  
 and strategies that are  
 used to reduce the  
 risks of existing disasters, and  
 stop the development of  
 new disasters.

Risk assessment in  
 Disaster Risk Management (DRM)  
 is an important phenomenon.

It helps to assess  
 the existing disasters and  
 new emerging disasters  
 and help to mitigate  
 these risks.

The two types of  
 disaster risk management  
 are :

## 1. PERSPECTIVE DISASTER

### RISK MANAGEMENT :

Perspective disaster risk management are the policies and strategies which are used to stop the development of new disasters.

## 2. CORRECTIVE DISASTER

### RISK MANAGEMENT :

Corrective disaster risk management are the policies and strategies that are used to reduce the risks of existing disasters.

## Q. IGNEOUS ROCKS AND

### METAMORPHIC ROCKS :

#### IGNEOUS ROCKS :

Igneous rocks are the type of rocks which have layered.

Igneous rocks are of two types:

- a. Intrusive rocks
- b. Extrusive rocks

### METAMORPHIC ROCKS:

Metamorphic rocks are the rocks which may or may not have layers.

### b. SMOG:

Smog is a phenomenon which occurs due to air pollution.

As per National Oceanic and Atmospheric

Administration, Smog is

the result of air pollutants i.e. CO and

SO<sub>2</sub>.

These air pollutants produced by human activities such as transportation, industrial waste and

incomplete combustion of waste

due to lack of oxygen.

These air pollutants go to atmosphere and react

with oxygen and as

a result smog occurs.

d.

### SHORT SIGHTEDNESS :

Short sightedness is a phenomenon in which

one can not see

the clear image/object

at nearer distance due

to the weakness of

retina.

### FAR SIGHTEDNESS :

Far sightedness is a phenomenon in which

one can not see

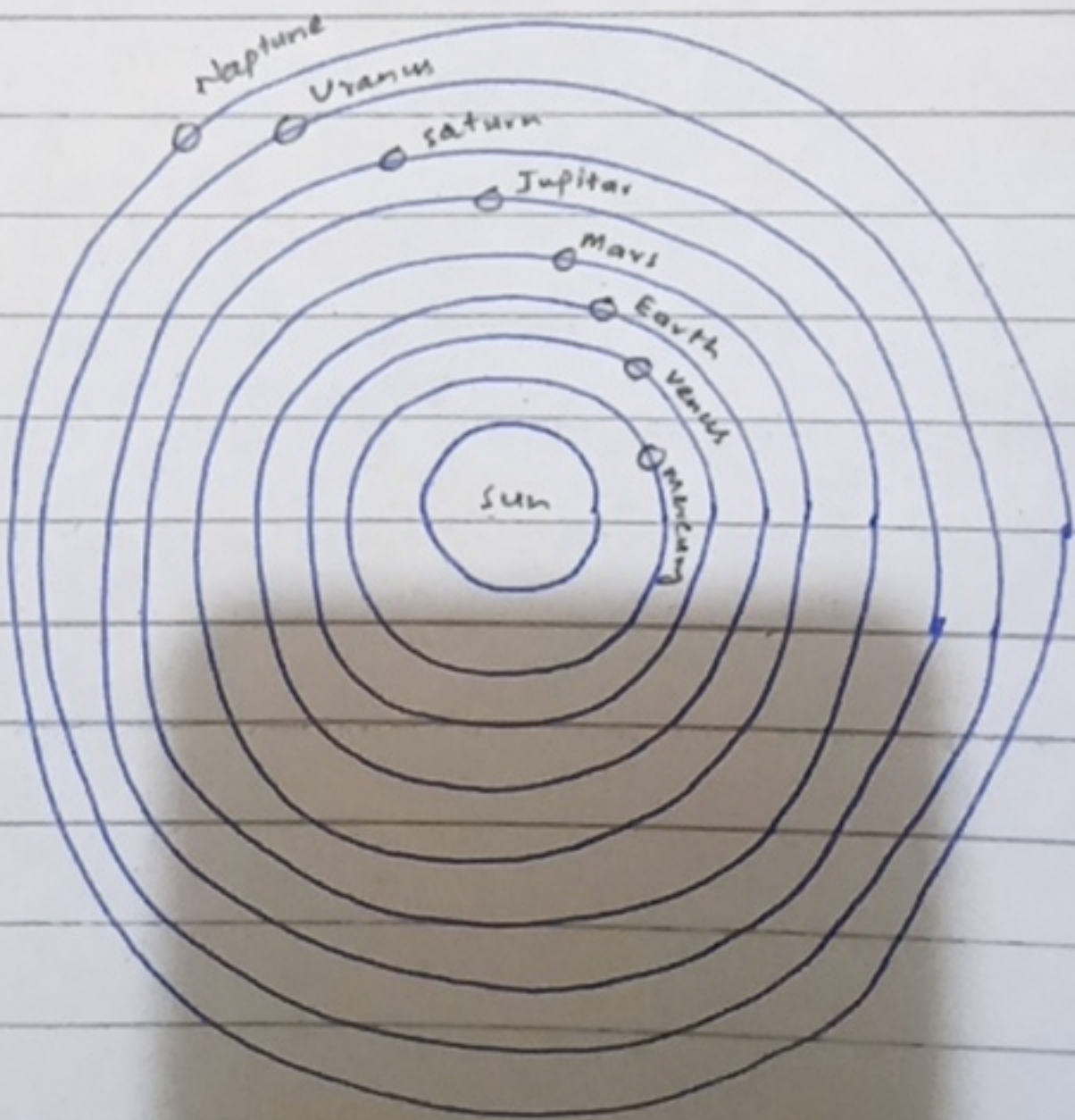
the clear objects at

far distance.

Q. NO. 4.

## SOLAR SYSTEM:

Solar system consist  
of one sun and eight  
planets i.e: Mercury, Venus, Earth,  
Mars, Jupiter, Saturn, Uranus, Neptune



## SECTION - B

Q. NO. 07:

b.

A told B that C  
is his father's nephew. It  
means C is cousin of  
A.

D is A's cousin but  
not the brother of C.  
It means D is sister  
of C.

Hence D and C  
are siblings

c.

iv. 13, 24, 46, 90, 178, —

Ans:

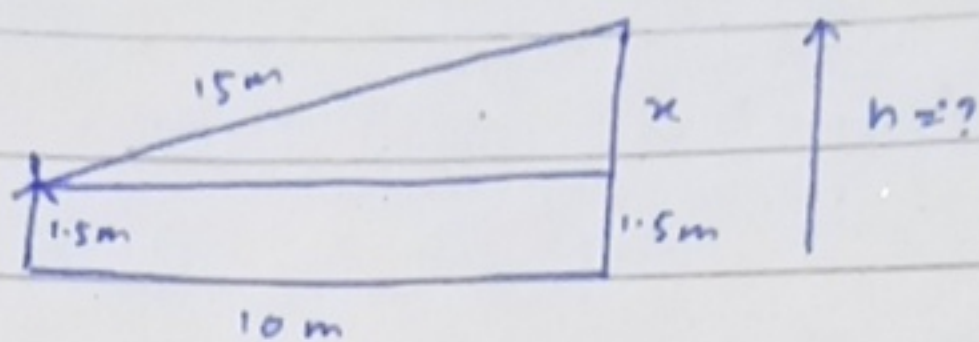
13, 24, 46, 90, 178, 354

i. 4, 18, —, 100, 180, 294, 448

Ans:

4, 18, 52, 100, 180, 294, 448

Q. NO. 08:



According to Pythagoras Theorem:

$$(15)^2 = (10)^2 + (x)^2$$

$$225 = 100 + x^2$$

$$x^2 = 225 - 100$$

$$x^2 = 125$$

$$x = 5\sqrt{5} \text{ m}$$

$$h = x + 1.5 \text{ m}$$

$$h = 5\sqrt{5} + 1.5 \text{ m} \quad \underline{\text{Ans}}$$