



# SSC GK

## PYQs Class Notes

### PART-4

### Parmar Sir

### Lecture:- 18

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# LECTURE-18



1

In which of the following sports/games is the term 'checkmate' used?

1. Polo — 4 Players | Water Polo- 7 Players

2. Volleyball — 6 players

3. Handball

4. Chess

1st Grandmaster

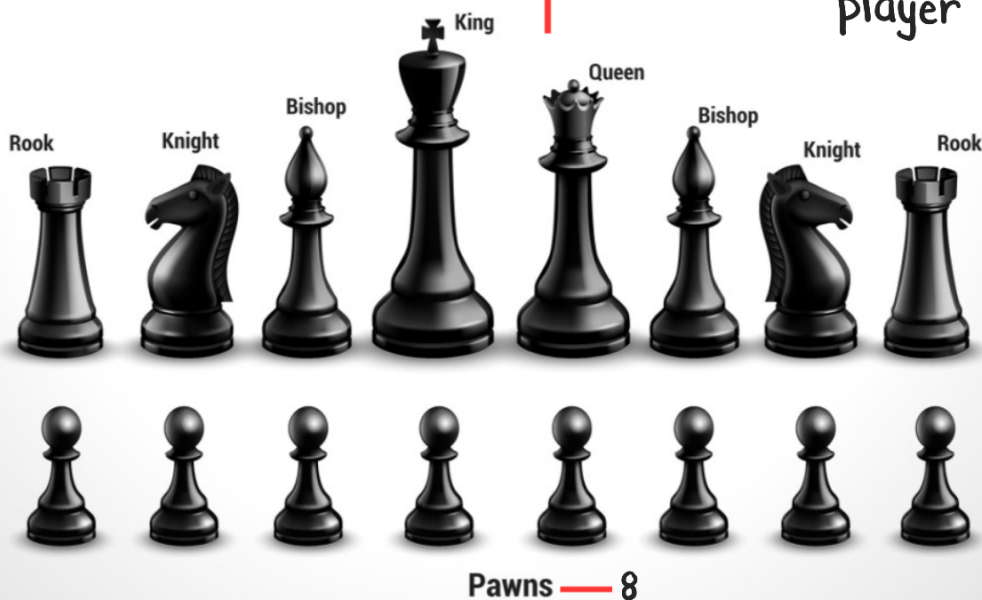
Viswanathan  
Anand (India)

stalemate, gambit, grandmaster

No. of boxes- 64 (8X8)

No. of pieces- 32 [16X2 (players)]

16 pieces each  
player



Elorda Cup- Boxing

Syed Modi International- Badminton

FTX Crypto Cup- Chess

Equestrian Terms- Dressage, Vaulting, Show jumping

Divyakirti Singh- First Woman to receive  
Arjuna Award for equestrian sports



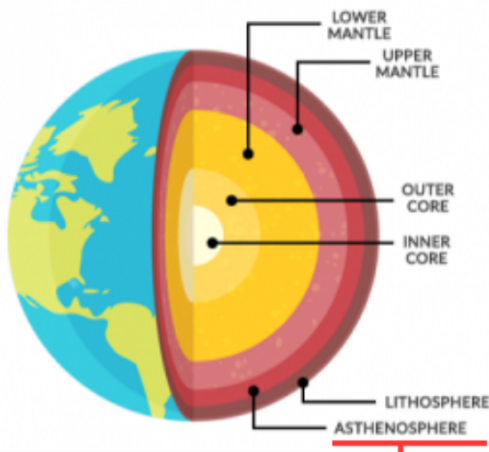


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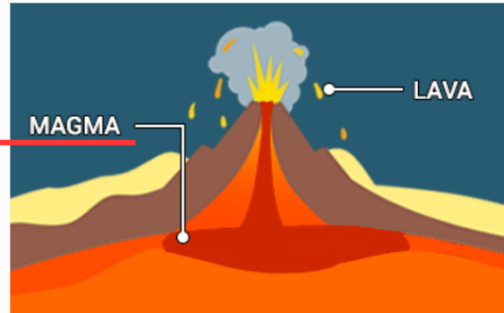
Q ) Which of the following Rock is also known as Primary Rock ?

- a) Igneous
- b) Metamorphic
- c) Sedimentary
- d) NOT

Study - Petrology



source of Magma



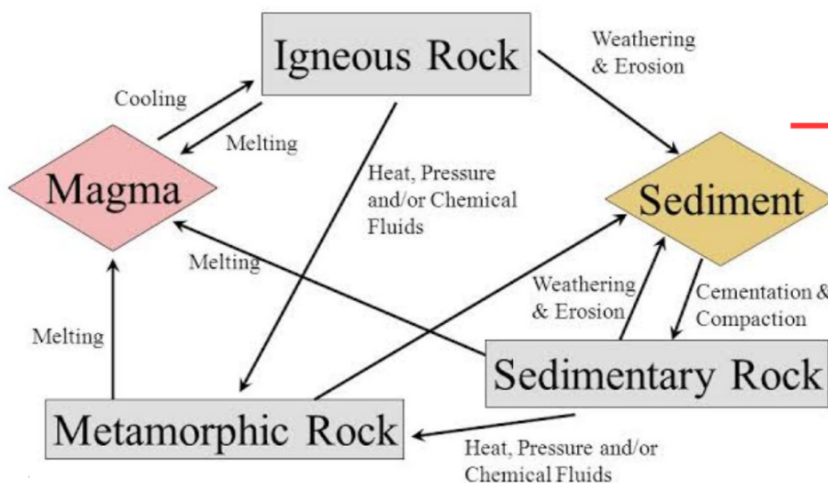
viscosity differs

- Composite volcano - high viscosity
- Basaltic Magma - less viscous

**Igneous Rock** - formed by the solidification of lava  
Eg- Gabbro, Granite, Basalt, Pumice

**Sedimentary Rock** - formed by the process of lithification of (Sediments)  
igneous rocks. Has layers and fossils can be found between layers. Eg- Limestone, Sandstone, Chalk

**Metamorphic Rocks** - formed by constant **PVT** - Pressure changes in igneous & sedimentary rocks. Eg- Marble, Quartzite, Schist



Rock Cycle



3

Henry Louis Vivian Derozio, a teacher at Hindu College, Calcutta, in the 1820s, promoted radical ideas and encouraged his pupils to question all authority. Referred to as the \_\_\_\_\_, his students attacked tradition and custom, demanded education for women and campaigned for the freedom of thought and expression.

1. Young Radical Movement
2. Young Christian Movement
3. Young Men's Movement
4. Young Bengal Movement

leads to deforestation

4

A primitive form of cultivation called Bewar is practised in which state?

1. Odisha — shifting cultivation / Slash & Burn

2. Madhya Pradesh — Dahiya

3. Andhra Pradesh

4. Mizoram — Jhum (In all North eastern states)

Pama Dabi

Podu / Penda

Dipa — Baster (Chattigarh) / Andaman & Nicobar

Kumari — Western Ghats

Waltre — Rajasthan

Milpa — Mexico

Ladang — Indonesia

Conuco — Venezuela

Roca — Brazil

Chena — Sri Lanka



5

Ibn Battuta, who visited India during the tenure of which ruler ?

1. Iltutmish — from Morocco

2. Alauddin Khilji — Book - Rihla

3. Md Bin Tughluq — Founder - Bahlul Lodi

4. Sikander Lodi — 2nd ruler of Lodi Dynasty

double-dome architecture

Balban - started Diwan-i-Arz

Diwan-i-Mustakhraj - Department of arrears

Wazir - Prime Minister (2nd position after ruler)

## Tughluq Dynasty (1320-1414)

**Founder** - Ghiyasuddin Tughluq (1320-25)

→ succeeded by Md Bin Tughluq (1325-1361)

- known as wisest fool (because of poor planning)
- introduced Token currency
- Khurrsan/ Qarachil expedition
- shifted capital from Delhi - Daulatabad (Devgiri)
  - ↳ capital of Yadava empire
- formed Diwan-i-Kohi (Agriculture department)
- known as Jauna Khan
- Firozshah Tughluq succeeded MBT
- est. Jaunpur city in memory of MBT
- formed Diwan-i-Bandagan + Diwan-i-Khairat  
(Slaves) (Donation)
- established Dar-ul-Shafa (Hospital)

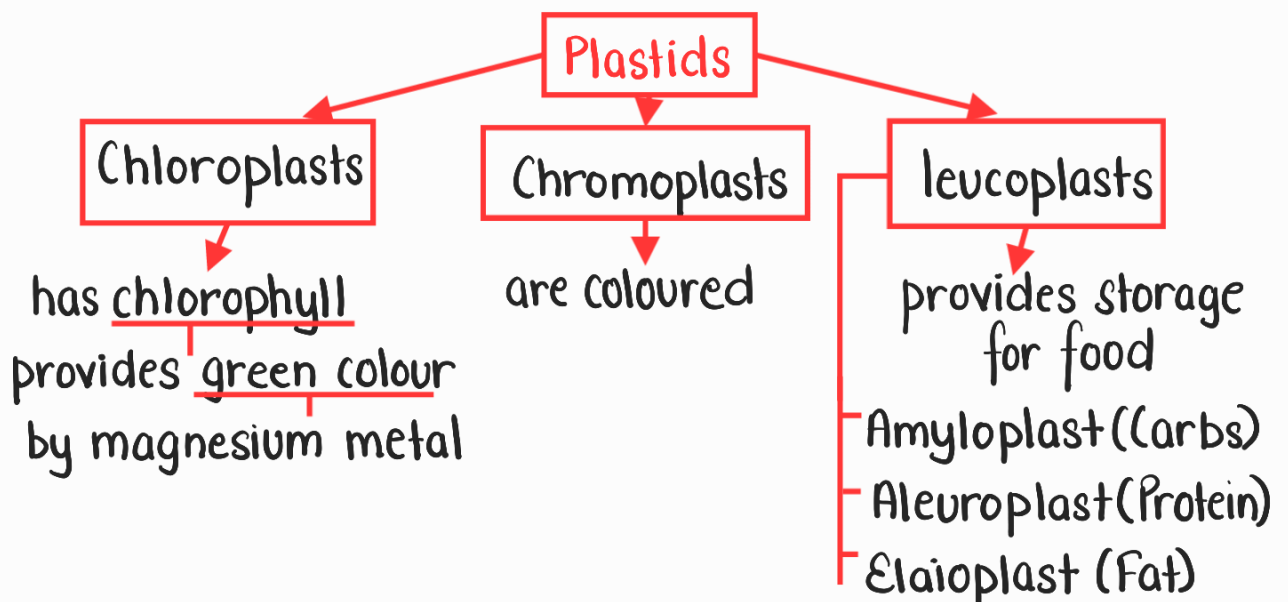


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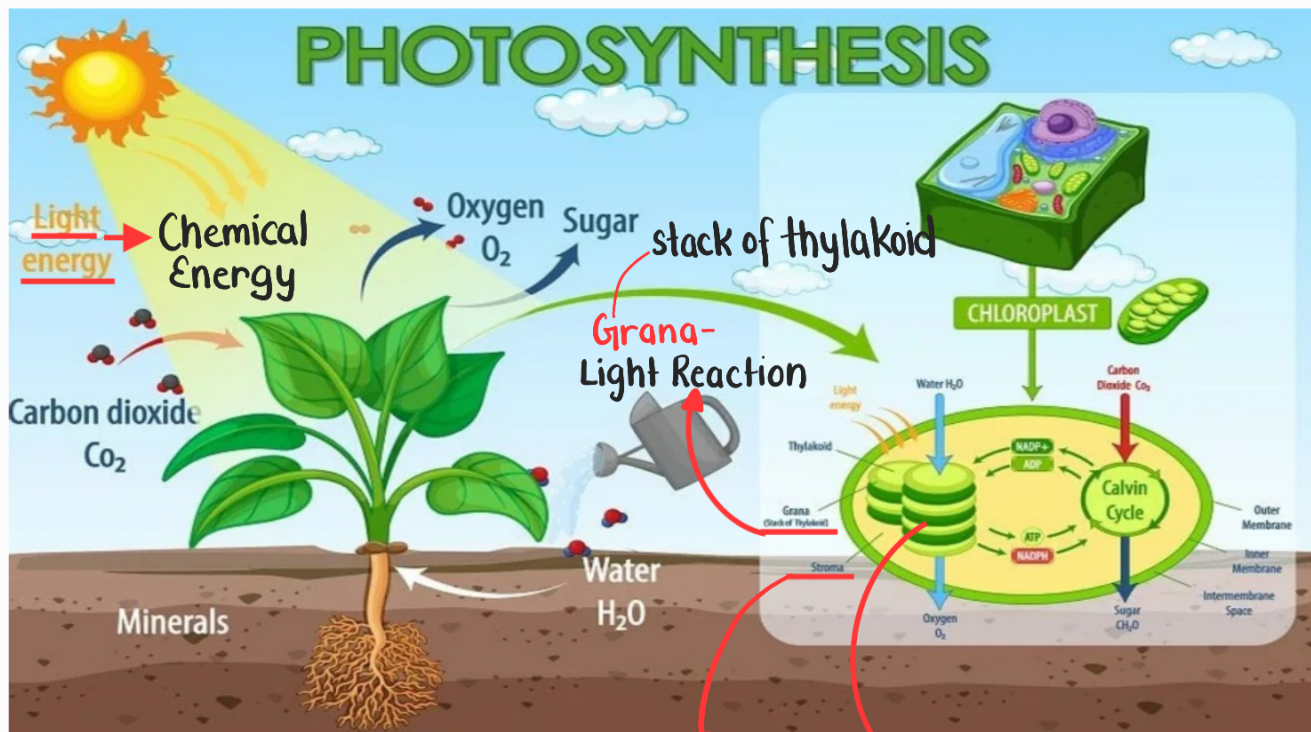
On which of the following component of chloroplast is chlorophyll arranged?

1. Cell Membrane
2. Matrix
3. Thylakoids
4. Stroma

Type of Plastid - has DNA + Ribosomes  
only in Plant Cell



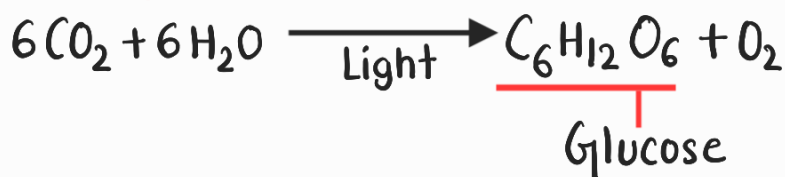
terrestrial plants capture not more than 1% of Sunlight



Stroma- Dark Reaction

Thylakoid

Photosynthesis Reaction :



Chemical Reaction → Electrical Energy  
Battery – Indirect Redox Reaction



7

Who has the power to prorogue the House or either House of State Legislature from time to time?

1. Chief Minister
2. Speaker
3. Governor
4. Chairman

Budget Session- Feb - April last (longest)

Monsoon Session- July - Sept

Winter Session- mid Nov- mid Dec (shortest)

Summon- By President

Presiding officer- adjourn the house and gives a date

sine die - no date (prorogue - President)

Article- 85(2)  $\xrightarrow{+89}$  174 (For state legislature)

pending notices will lapse but no bill will lapse



## House Dissolves

- only in Lok Sabha (Temporary)
- By President
- Certain Kind of Bills can lapse

8

Libero, a special player, plays in which of the following sports?

1. Football — a defensive player

2. Basketball

3. Handball — 7 players

4. Volleyball

Subroto Cup, Durand Cup (oldest football cup of India)

1st in Shimla

2023 - Kolkata, Guwahati, Kokrajhar

Winner - Mohan Bagan defeated East Bengal

Football Diameter - 22cm | circumference - 68-70cm

Distance between two goal post - 7.32 m

9

Which vitamin prevents the neural tube defect in new-born babies?

1. Niacin

2. Riboflavin

3. Folic acid

4. Ascorbic acid



Vitamin	Chemical name	Deficiency disease
B1	Thiamine	Beriberi
B2	Riboflavin	Glossitis
B3	Niacin	Pellagra
B5	Pantothenic acid	Paresthesia
B6	Pyridoxine	Anemia
B7	Biotin	Dermatitis
B9	Folic acid	Megaloblastic anemia
B12	Cyano, hydroxo, methylcobalamin	Megaloblastic anemia

Dementia

3D - Dermatitis

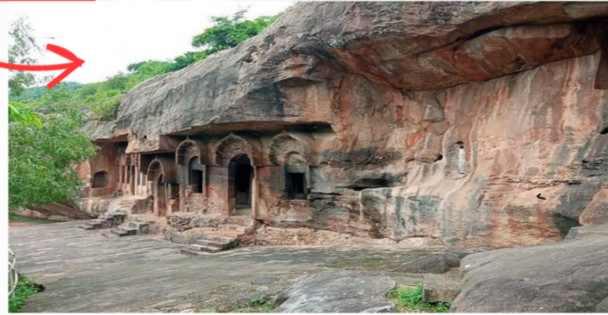
Diarrhea

8  
compounds

10

Guntapalle Chaitya Buddhist cave is situated in which of the following states?

1. Andhra Pradesh
2. Bihar
3. Maharashtra
4. Himachal Pradesh



Bhabru Bairat Rock Inscription - Rajasthan

Namdrolling Monastery - (Golden Temple) in Bylakuppe, Karnataka

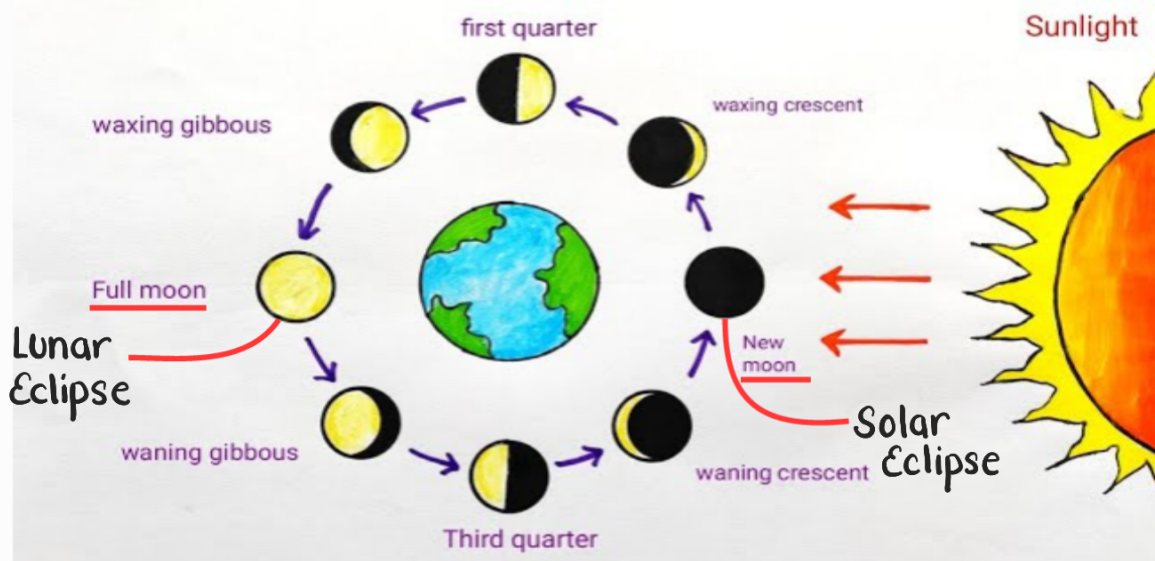
11

According to Hindu calendar, on which day does Holika Dahan take place?

1. Phalgun Poornima — Full Moon — Feb-March
2. Chaitra Pratipada
3. Chaitra Poornima
4. Phalgun Amawasya — New Moon

Diwali (Kartik Ka mahina)

Dussehra (Ashvin)



12

Who among the following was the guru of Tansen? Rabab/Rudra Veena

1. Abul Fazal
2. Makarand Mishra
3. Shaukat Mian
4. Swami Haridasa

Ramtanu Pandey

Raja Ram Chandra (Gwalior)

Tomar Dynasty

belonged to Gwalior/Reva Gharana

13

Which of the following classical dance forms of India is a blend of dance, music and acting and dramatises stories, which are mostly adapted from the Indian epics?

1. Odissi

2. Kathak

3. Kathakali

4. Manipuri

Shyammani Devi (makes music for Odissi)

Guru - Kelucharan Mohapatra

Father - Guru Pankaj Charan Das

classical dance of Kerala

has 5 Vesham

starts in evening & ends at daybreak

music - Sanskritised Malayalam

immediately preceded by a practice session (Seva Kali)

Exponents - Kuch - Kunchu Kurup, Kottakal Nair

Kali - Kathakali

Mile-na-mile - Milena Salvini

Bal Miljaye - PV Balasubramaniam



14

The thermocline layer is the \_\_\_\_\_ layer of the ocean.

1. fourth

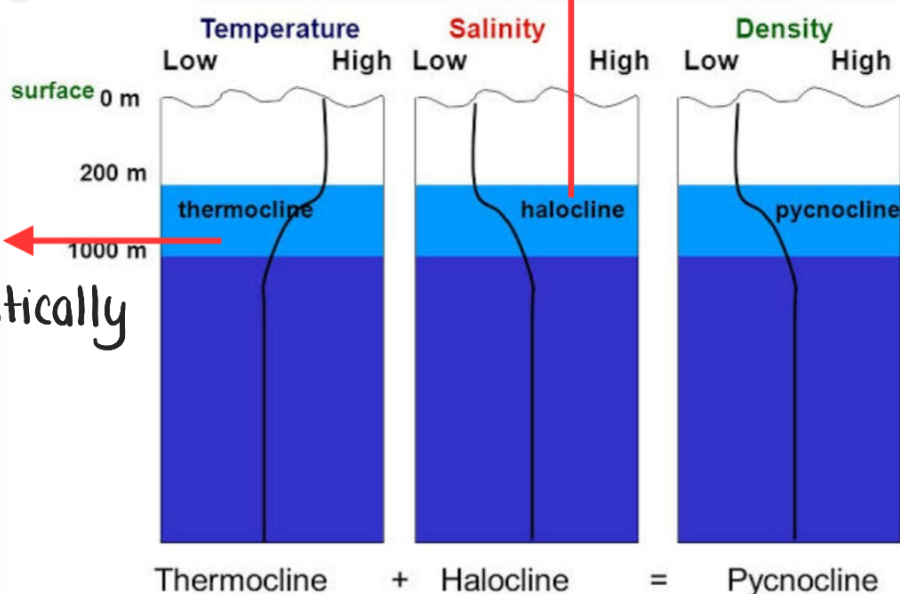
2. third

3. second

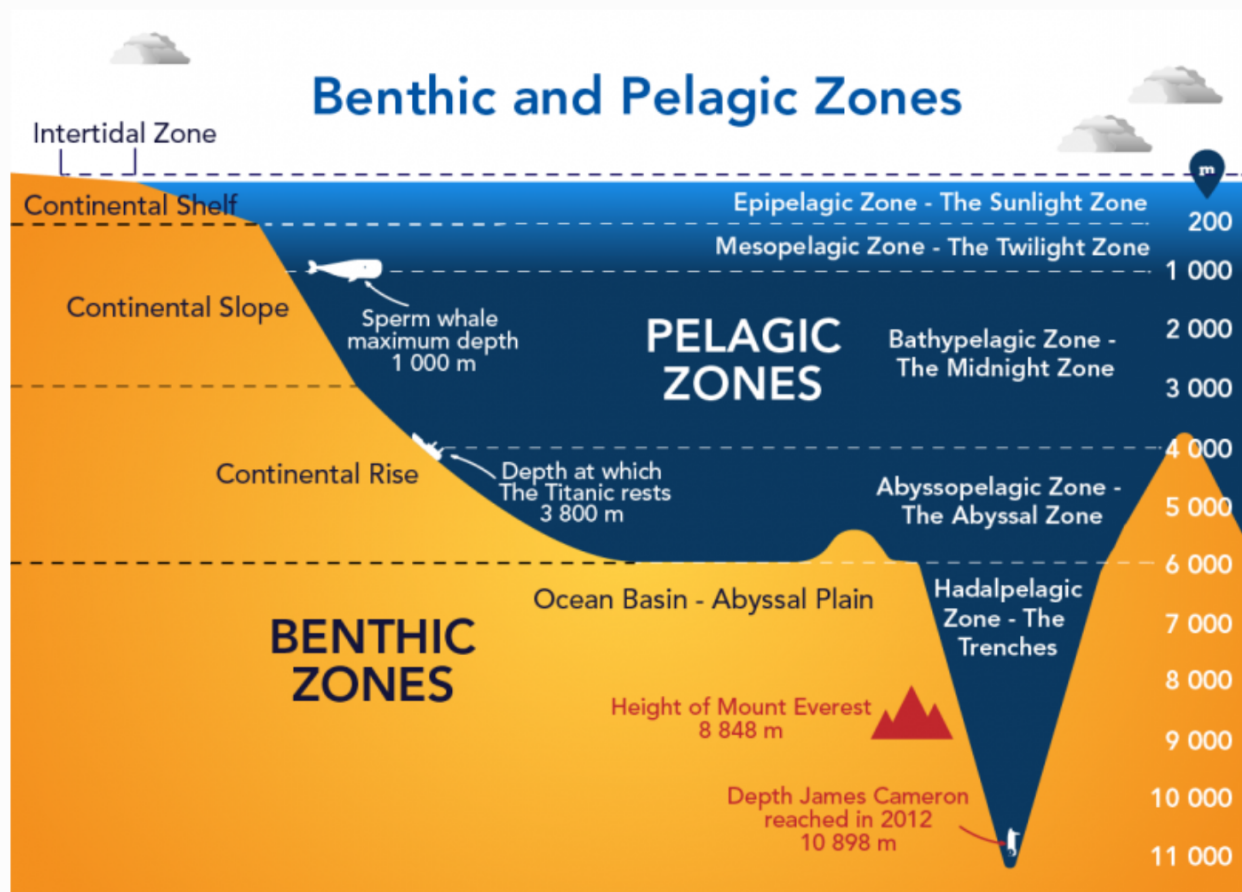
4. first

salinity increases drastically

Temperature declines drastically





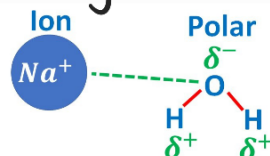


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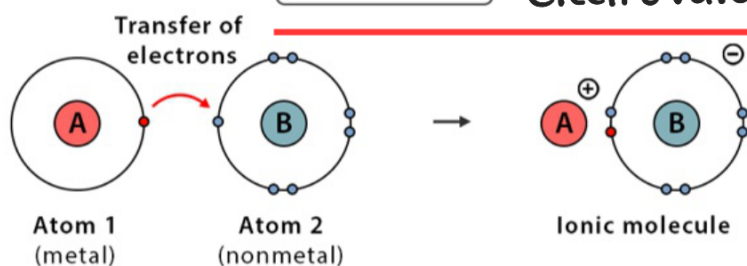
Which is the weakest intermolecular force, considered as the Van der Waals force, often found in halogens, noble gases and other non-polar molecules?

1. Ion-dipole forces
2. Dipole-induced dipole forces
3. Dipole-dipole forces
4. London dispersion forces\*

Strongest



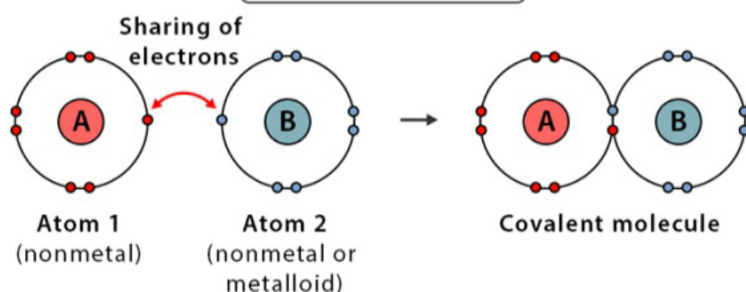
**Ionic Bond** - Electrovalent



high melting point

Strongest bond

**Covalent Bond**



16

Which king of Punjab signed a tripartite treaty with Shah Shujah and the English Company?

1838

Governor General - Auckland

1. Ranjit Singh
2. Lal Singh
3. Kharak Singh
4. Dileep Singh

Sikh → 12 Misl  
 belonged to Shukracharya Misl  
 Gold plating of Golden Temple (Amritsar)  
Signed Treaty of Amritsar (1809)  
 Satluj river as boundary

1st Anglo-Afghan War- (1838-42)

17

According to the India State of Forest Report 2021, \_\_\_\_\_ group covers 4,992 km<sup>2</sup> of the total geographical area.

Biennial

1. Alpine
2. Mangroves
3. Thorn
4. Montane



Forest + Tree Cover - 24.62%  
 Target - 33%  
 By National Forest Policy (1988)  
 Highest Forest Cover (Absolute) - MP  
 (%age) - Mizoram  
 Highest increase - Andhra Pradesh  
 Decrease - Arunachal Pradesh

(Tiger Reserve) Namdapha National Park

18

For providing a non-microfinance loan to a low-income household, there is a limit of \_\_\_\_\_ on monthly loan repayment obligations of a household as a percentage of monthly household income.

1. 25 %
2. 50 %
3. 75 %
4. 40 %

19

Manas, Ranthambore, Kanha and Sunderbans are:

1. national parks
2. gene banks
3. zoos
4. bird sanctuaries

in-situ site (in the original place)  
 ex-situ sites (outside the original place)

- **Assam** - Manas, Kaziranga
- **Rajasthan** - Ranthambore, Sariska, Desert
- **MP** - Kanha, Madhav, Pench, Panna, Panchmarhi
- **WB** - Buxa, Neora valley
- **Nilgiri Biosphere Reserve** - Kerala + TN + Karnataka
- **Satyamangalam TR** - TN
- **Anamalai** - TN + Kerala

20

Pandit Bhimsen Joshi was an exponent of which form of Hindustani classical music?

1. Dhrupad
2. Thumri
3. Tappa
4. Khayal

Vocalist | Kirana Gharana



CA

Q. Which country hosted 15<sup>th</sup> BRICS Summit 2023 ?

- a) Russia
- b) India
- c) China
- d) South Africa

+4 Members - Egypt, Ethiopia, Iran, UAE

16<sup>th</sup> - Brazil

CA

Q. Who headed the committee on One Nation, One Election

- a) PM Modi
- b) Arvind Pangariyah
- c) Amitabh Kanth
- d) Ramnath Kovind

simultaneous election

LS+LA elections to be conducted together

