



**SSC GK**

# PYQs Class Notes

**PART-4**

**Parmar Sir**

**Lecture:- 15**

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# LECTURE-15

1 Anantha R Krishnan is associated with which musical instrument?

1. Tabla

2. Mridangam — UK Sivaraman, VK Sivaraman

3. Drums

4. Violin

Ananda Gopal Bandopadhyay, Sivamani, Shri Sankar Banerjee

TN Krishna, Lalgudi Gopala, Nagai Murlidharan

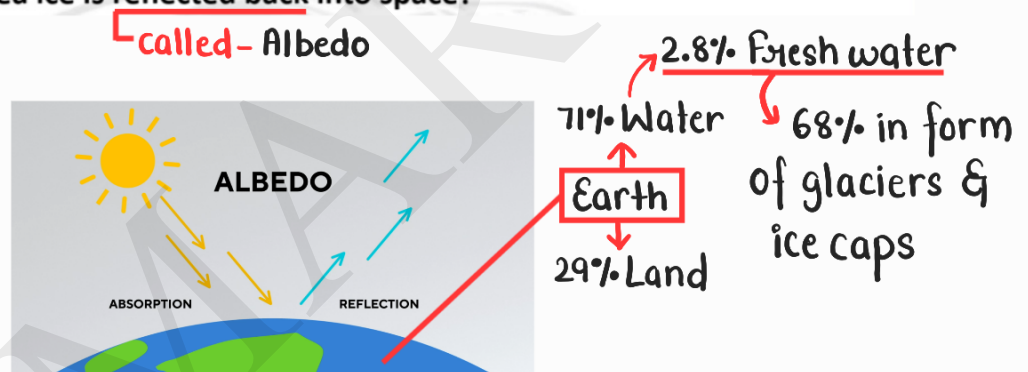
2 Sea ice helps determine Earth's climate. According to this, what percentage of the sunlight falling on sea ice is reflected back into space?

1. 80%

2. 75%

3. 85%

4. 70%



## Albedo Percentage (in order)

Earth surface	(%)	Clouds	(%)
Oceans, lakes	8	Shallow broken clouds	30
		Cu, Ci, Cs, Cc	35
Land surfaces	14-18	St	40
Sand, Desert	27	Thick clouds (Cs)	74
Ice and Snow		Ac, As, Sc	68
Sea ice	35	Cu	75
Old Snow	59	Ns	85
Fresh Snow	80	Cb	90

3 Which of the following is called as Shungabhrityas in the Puranas? servants of Shungas

- 1. Satavahanas — Founder- Simuka
- 2. Kushanas — Called Andhras in Puranas
- 3. Shakas — introduced lead coins
- 4. Kanvas

central asian tribes, known as Yevchis

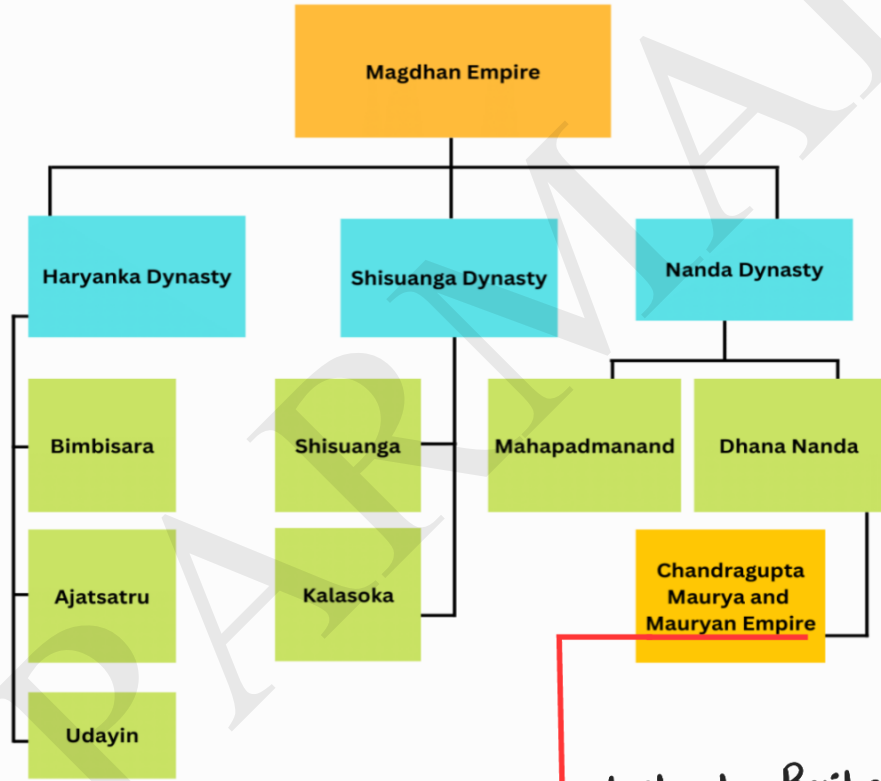
Founder- Kujul Kadphishes

Powerful ruler - Kanishka

Started Saka Era in 78 AD

introduced purest form of gold coins

Known as Scythians (central asian tribe)



followed Brahmanism

→ Gautamiputra Satkarni

powerful ruler

feudatories → Pallavas

introduced Dravida style architecture

Narsimhavarman I

powerful ruler

Founder- Simha Vishnu

→ Last ruler - Brihadrath

defeated by Pushyamitra Sunga

started Sunga Dynasty

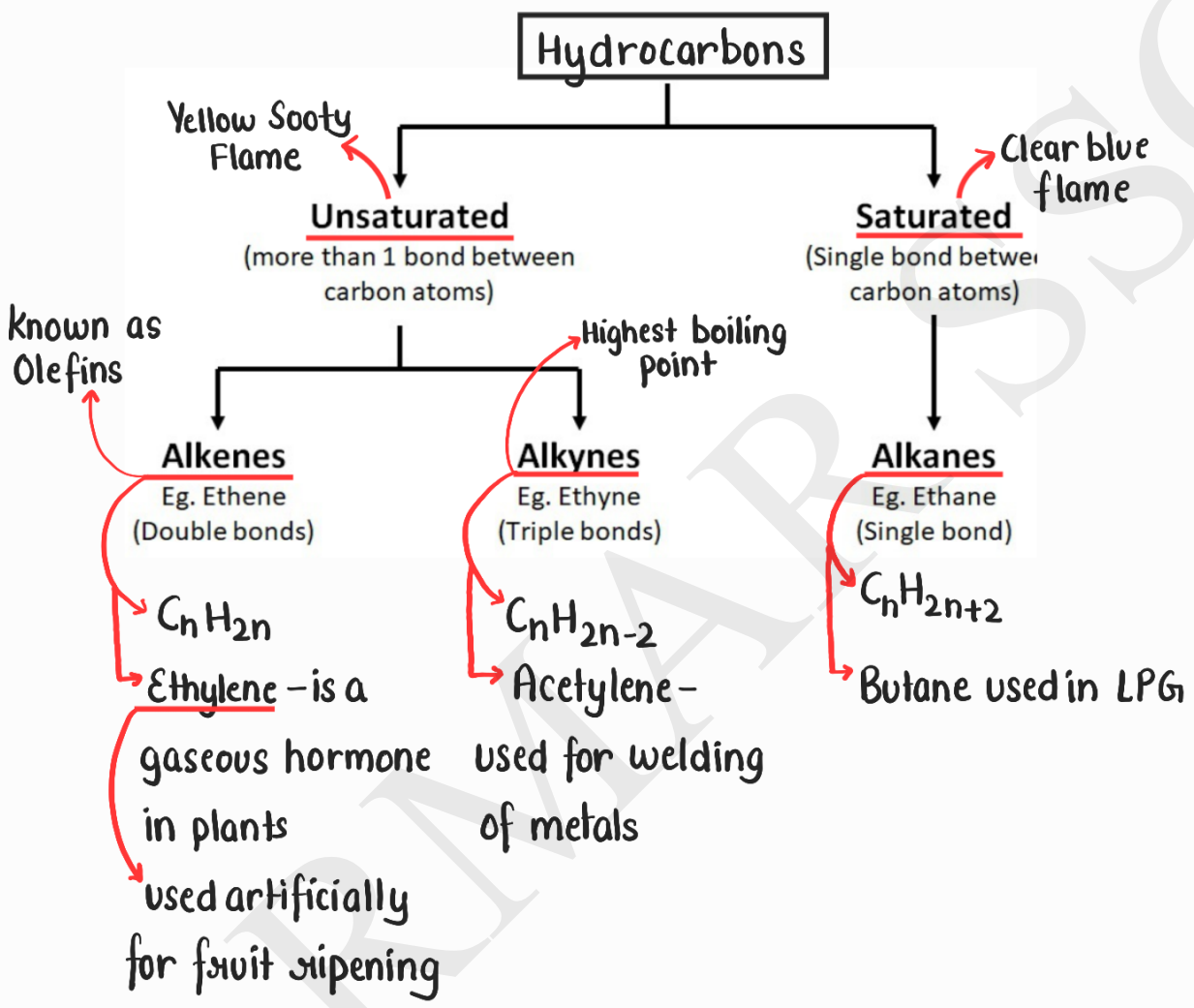
After Sunga comes

Kanva Dynasty

worked as servants under Sungas

**4 Saturated Hydrocarbons burn in which Flame ?**

- 1. Clear Blue Flame
  - 2. Yellow Sooty Flame
  - 3. Reddish Flame
  - 4. Orange Flame
- compounds made up of Hydrogen & Carbon

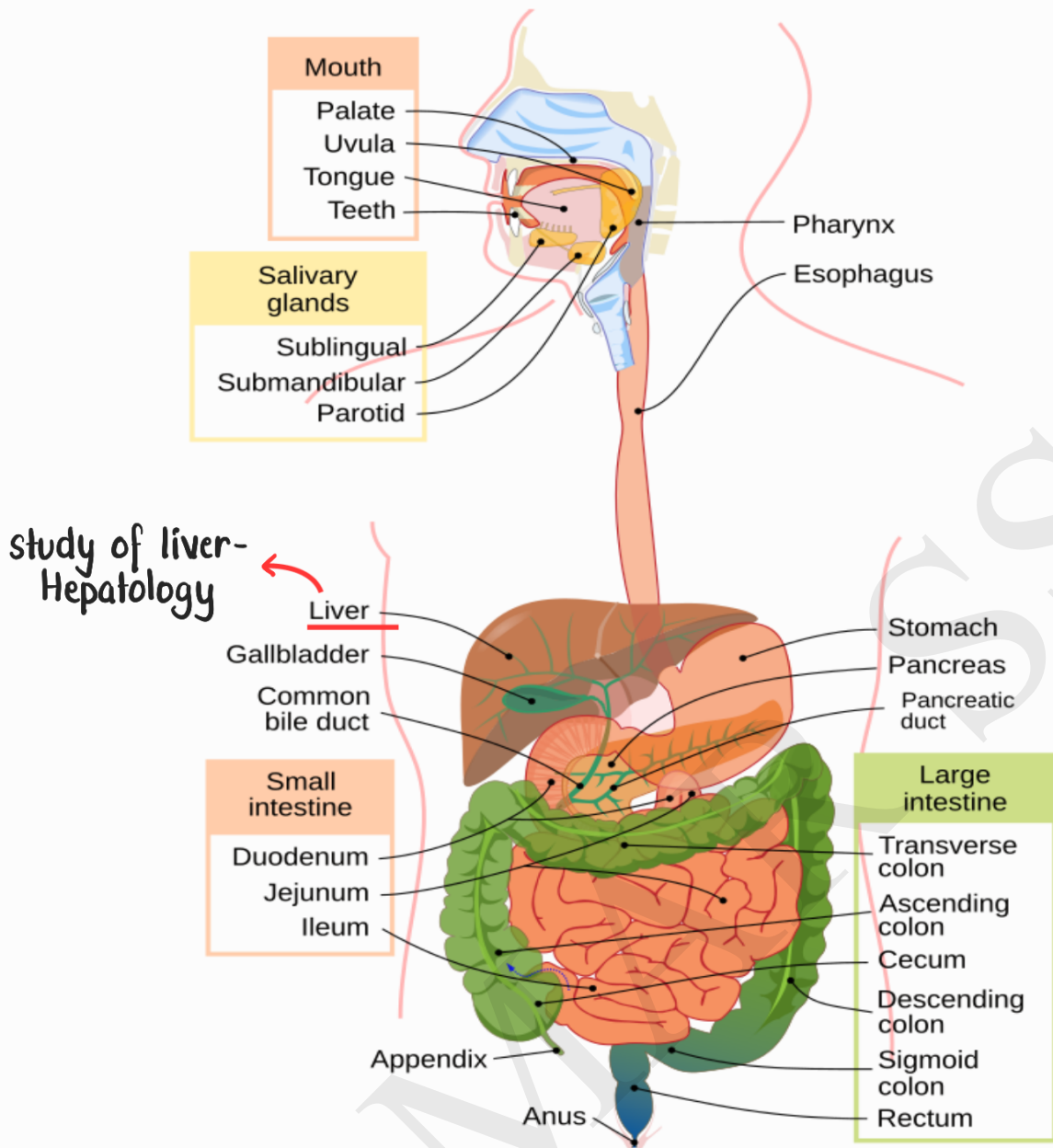


**5 Which of the following breaks Fat into Fatty Acids .**

- 1. Pepsin → in acidic medium
  - 2. Trypsin
  - 3. Lipase
  - 4. Amylase
- in basic medium →

**Sphincter Muscles**  
 → allows food to come from Stomach to small intestine

**Bile juice - emulsification of fat**



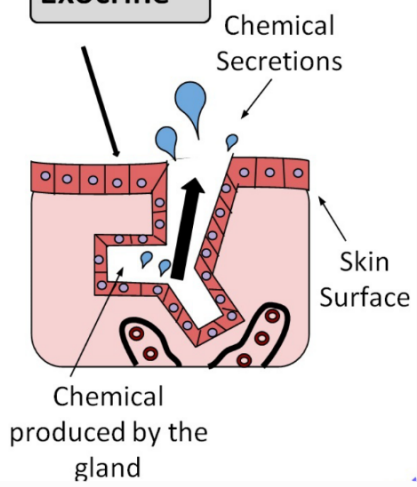
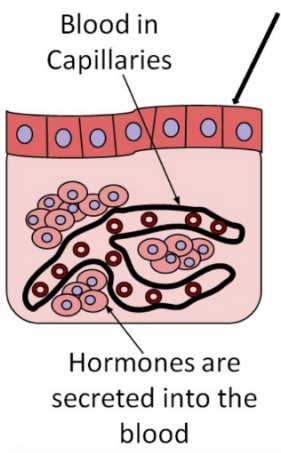
study of liver-  
Hepatology

released thyroxine hormone  
largest - Thyroid

**ENDOCRINE GLANDS Vs EXOCRINE GLANDS**

duct-less ← **Endocrine**

**Exocrine**



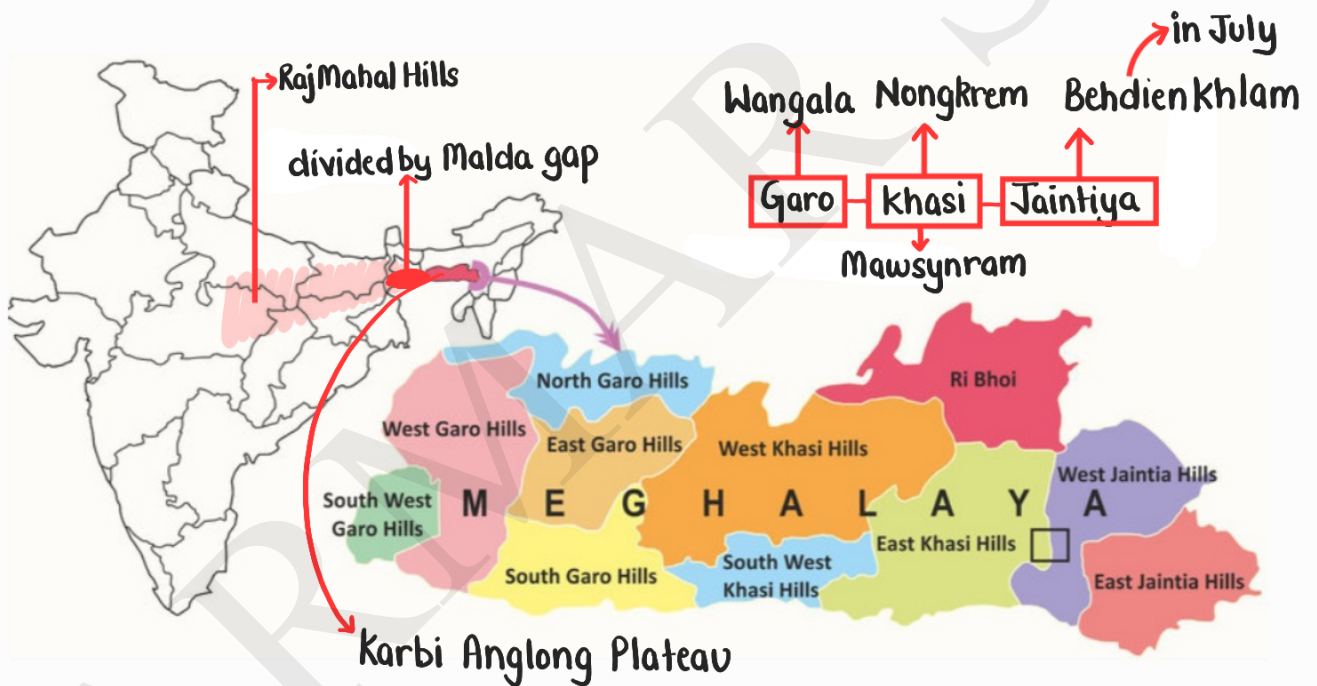
**6** The Myoko festival is celebrated in which of the following North-Eastern states of India?

1. Arunachal Pradesh
2. Manipur
3. Sikkim
4. Meghalaya

→ Solung, Sangken, Dnye, chalo loku, Losar, Mopin, Pangsav, Tawang

→ Gang ngai, Yaosang

→ Losoong, Losar, Lochar, Saga Dawa, Pang Lhabsol, Chufaat



**7** After the death of Babur, Humayun divided his empire into parts.

1. five
2. six
3. two
4. four

→ 4 Sons → Humayun, Askari, Hindal, Kamran

Humayun  
founded new city  
Din Panah on banks  
of river Yamuna

Wrote his memoirs called the **Baburnama**

At 12 he became the ruler of Farghana, present day Uzbekistan

After losing Samarkand, he launched his conquest of India, reaching Chenab in 1519

**Battles fought by him:**

Battle of **Panipat** (1526)

Battle of **Khanwa** (1527)

Battle of **Chanderi** (1528)

Battle of **Ghaghra** (1529)

## Shershah Suri

- Battle of Chausa (1539)
- Battle of Kannauj (1540)
- died in Kalinjar Fort
- tomb in Sasaram (Bihar)
- Sher Shah Suri Marg – NH1 (Delhi to Amritsar)
- His administration adopted by Akbar
- Built GT Road – Chittagong to Kabul)
  - ↳ built Sarai (for travellers to rest)

Humayun defeated

Persian – Court Language  
of Mughals

8

\_\_\_\_\_ of the Indian Constitution sets qualifications for being a member of Lok Sabha.

1. Article 74

2. Article 64

3. Article 84

4. Article 76

Attorney General of India  
(Highest law-officer)

→ Ist - M. C. Setalvad

→ Current - R. Venkataramani

→ Council of ministers to aid & advice the President

↳ headed by Prime Minister

→ Vice-President to be ex-officio chairman of Rajya Sabha

↳ Article 89 - Presiding officer of Council of states

Minimum age

→ LS - 25 years

→ RS - 30 years

## Eligibility to become Supreme Court judge -

- They should be a citizen of India.
- They should have worked as a High Court judge for a period of not less than five years. Or, they should have worked as a high court advocate for a period of not less than ten years.
- They should be an eminent jurist in the view of the President.

Lok Sabha first time  
Constituted on 17<sup>th</sup>  
April 1952



**Art-34** - Fundamental Rights to be restricted during Martial law

↳ borrowed from UK Constitution

**Art-33** - Fundamental rights to be restricted for specific category of people like Indian Army

9

Which book is commonly referred by chemists as a collection of recommendations on organic chemical nomenclature published at irregular intervals by the International Union of Pure and Applied Chemistry (IUPAC)?

1. Green book
2. Red book
3. Orange book
4. Blue book

↳ naming of inorganic compounds

Red List: Categories of the IUCN → HQ - Gland, Switzerland

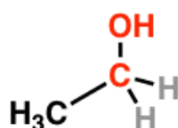


**Alcohols:** we count the number of carbons directly attached to the carbon bonded to the OH



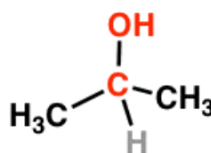
0 carbons

Water



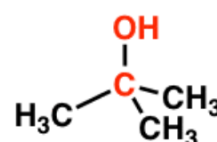
1 carbon directly attached

Primary (1°) alcohol



2 carbons attached

Secondary (2°) alcohol



3 carbons attached

Tertiary (3°) alcohol

10 The 2028 Olympic Games will be hosted by \_\_\_\_\_.

1. Los Angeles
2. Paris
3. New York
4. London

Gap of 2 years  
between summer  
& winter olympics

→ T-20 World Cup  
→ 2026 - India & Srilanka

→ World Cup  
→ 2027 - South Africa, Zimbabwe, Namibia

→ 2032 - Brisbane (Australia)

→ Winter Olympics

→ 2026 - milan Cortina (Italy)

→ Summer Youth Olympic Games

→ 2026 - Dakar & Senegal (Japan)

→ Asian Games

→ 2026 - Aichi Nagoya (Japan)

→ 2030 - Doha (Qatar)

→ FIFA

→ 2026 - Mexico, USA, Canada

11 When was the preamble to the Indian Constitution amended?

1. 1974
2. 1981
3. 1980
4. 1976

→ Summary

→ 'Id Card' - NA Palkhiwala

→ 'Horoscope of Constitution' - KM Munshi

→ borrowed from USA Constitution

Preamble

→ Berubari Case - not a part of constitution hence cannot be amended

→ KBC (1973) - is a part of constitution and can be amended

→ 42nd Amendment (1976)

→ Mini Constitution

→ Added 3 words - Socialist, Secular, Integrity

12

Which of the following Pacts succeeded the Communal Award of 1932?

1. Ambedkar-CR Das Pact
2. Gandhi-Ambedkar Pact
3. Gandhi-Jinnah Pact
4. Jinnah-Nehru Pact

1932- Ramsay McDonald announced separate electorate for SC / Dalits

In response

Gandhi ji went on fast unto death in Yerwada Jail (Poona)

Later signed Poona Pact with BR Ambedkar

1<sup>st</sup> Round Table Conference  
 Year – 1930  
 Place – London  
 INC did not participate

endorsed in Karachi Session of INC

In January 1931 – Gandhi-Irwin Pact



2<sup>nd</sup> Round Table Conference  
 Year – 1931  
 Place – London  
 Mahatma Gandhi attend the meeting along with INC . Muslim League also attended.

3<sup>rd</sup> Round Table Conference  
 Year – 1932  
 Place – London  
 INC did not participate. It Led the Govt. of India Act 1935

demanding separate electorate for Scheduled Caste people

Dr BR Ambedkar attended all the Round Table Conferences.

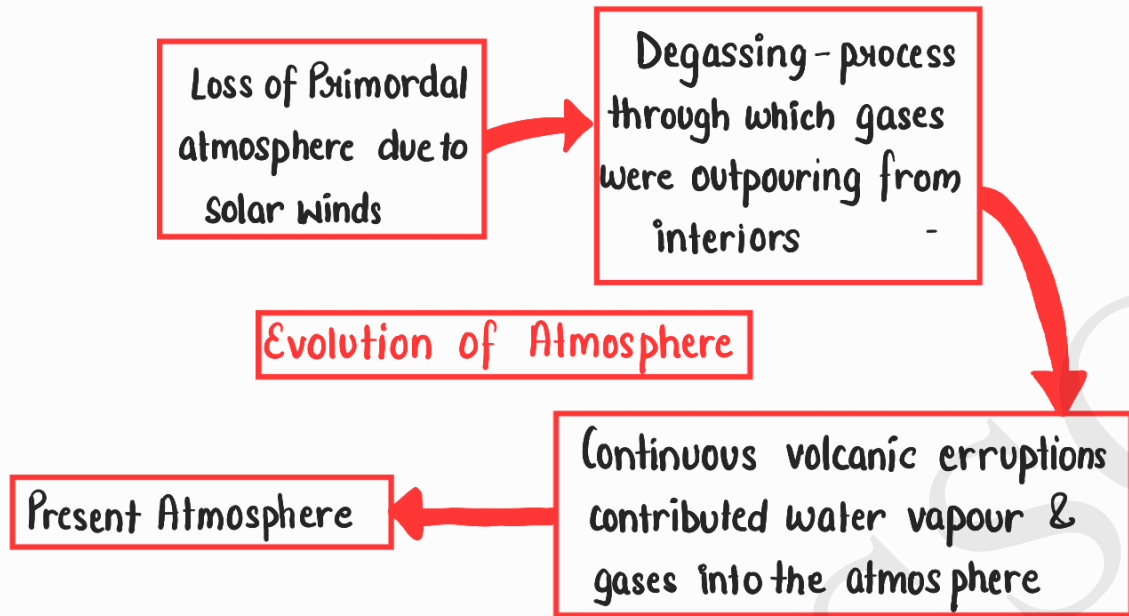
13

What is the name of the process of gases being outpoured from the interior of the solid earth?

1. Gas evolution
2. Transpiration
3. Evaporation
4. Degassing

Loss of water

Theory of Origin of Species  
 Charles Darwin



**14** The famous Panch Mahal is located in \_\_\_\_\_ .

1. Varanasi
2. Lucknow
3. Delhi
4. Fatehpur Sikri



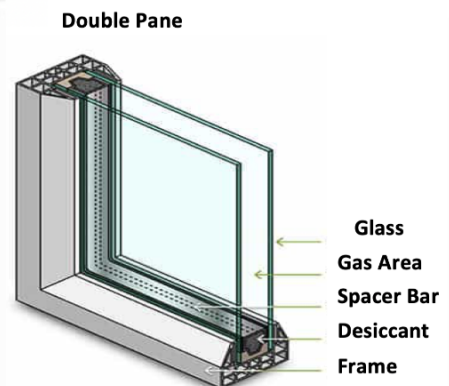
built by Akbar  
in 1571

Mariam-uz-Zamani  
mother of Jahangir

in 1575 built Buland Darwaja to commemorate Gujarat's Victory

**15** Which inert gas is used in double-glazed windows to fill the space between the panes?

1. Xenon
  2. Helium
  3. Radon
  4. Argon
- in 18<sup>th</sup> Group (0<sup>th</sup> Group)  
Group-8A  
last element of 3<sup>rd</sup> Period



16

What is it called in basketball when a shot goes through the basket without touching the rim or backboard?

1. Technical foul
2. Screen
3. Swish
4. Dime

→ Players - 5

→ 4 quarters of 10 minutes each

17

The 'National Food for Work Programme' was launched in the year 2004 by the Government of India in \_\_\_\_\_ most backward districts of India.

1. 250
2. 150
3. 100
4. 200

**NREGA**

→ launched in 2005

→ implemented on 2<sup>nd</sup> Feb 2006

→ NREGA to MGNREGA on 2nd Oct 2009

→ in Sikkim

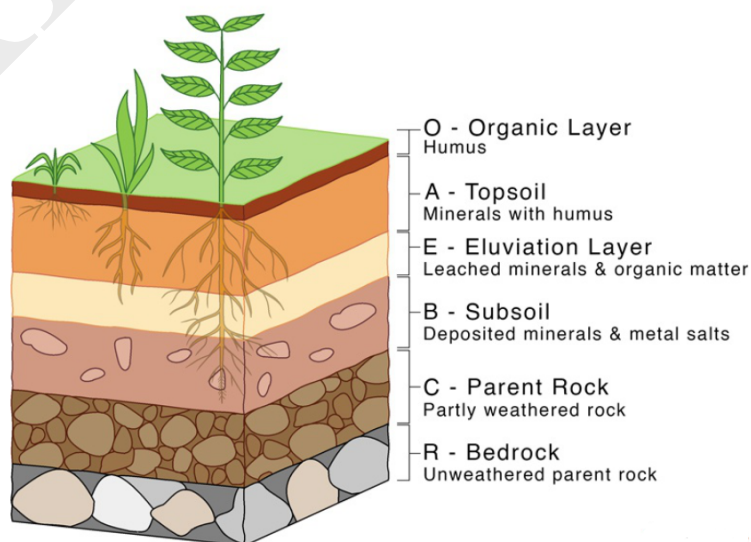
18

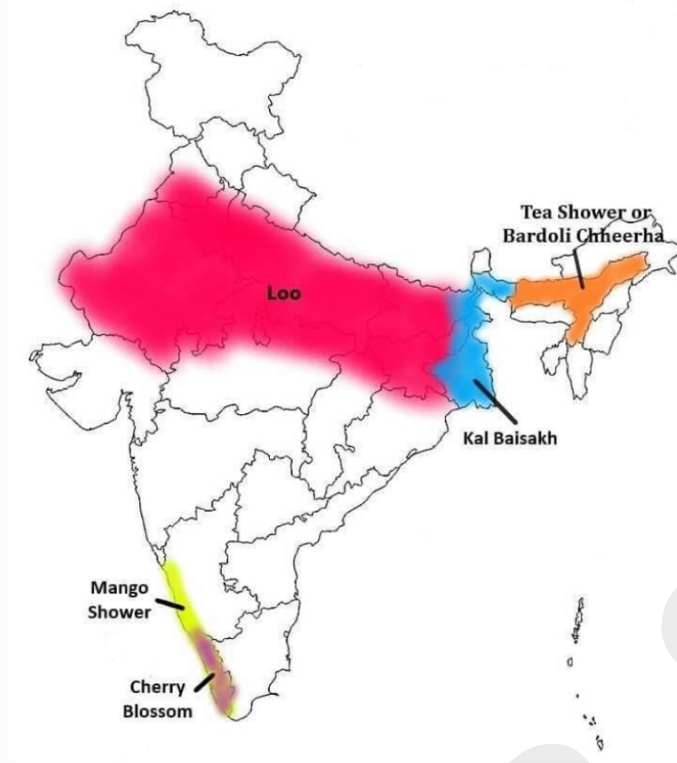
The Darjeeling hills in India are world famous for \_\_\_\_\_ cultivation.

1. mango
2. tea
3. cinnamon
4. banana

→ Laterite Soil favourable for tea cultivation  
→ Study of Soil - Pedology

## Soil Horizons





19

Which of the following are major coal fields in India?

निम्नलिखित में से भारत में प्रमुख कोयला क्षेत्र कौन से हैं?

1. Jhunjhunu and Alwar
2. Coimbatore and Madurai
3. Satara and Pune
4. Jharia and Raniganj\*

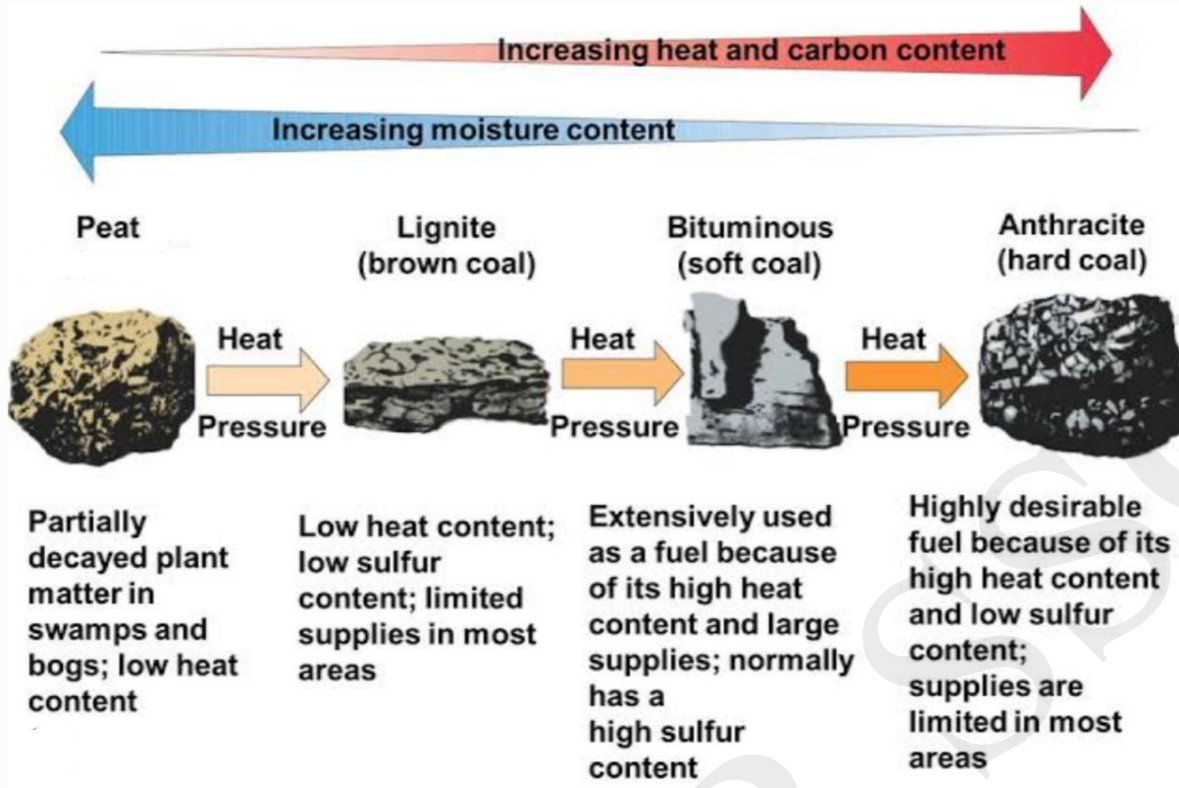
- Buried Sunshine
- Black Gold
- Good Coal has high carbon content & low sulfur and moisture content



→ Tertiary Coal

Odisha - most number of Coal Reserves

→ Neyveli



20

Brown Fumes of which Gas are released during the decomposition of Lead Nitrate?

1. Nitrogen Oxide
2. Nitrous Oxide
3. Nitrogen Dioxide
4. Oxygen

Laughing Gas



### Decomposition

process of simplifying a single chemical entity into two or more fragments

#### DECOMPOSITION REACTION

Thermolysis

Carried out by heat

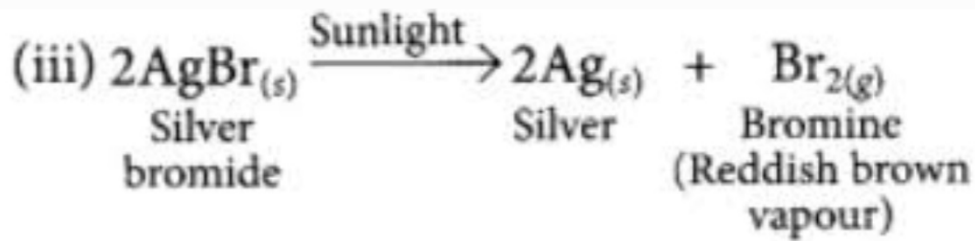
Electrolysis

Carried out by electric current

Photolysis

Carried out by energy of Sunlight

## Black and White Photography Reaction



CA

Q. Kui language is mostly spoken in which state

- a) Manipur
- b) Arunachal Pradesh
- c) Mizoram
- d) Odisha

8<sup>th</sup> Schedule

earlier-14

current-22

→ 2<sup>nd</sup> - Sindhi

→ 7<sup>th</sup> - Konkani, Manipuri, Nepali

→ 9<sup>th</sup> - Bodo, Dogri, Santhali, Maithili

CA

Q. Which country won the Emerging Asia Cup 2023 ?

- a) India
- b) Pakistan
- c) Sri Lanka
- d) Bangladesh

Cricket

defeated India

Host - Sri Lanka