



SSC GK

PYQs

Class Notes of Parmar Sir

Lecture :- 12

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→ Himalayan River :

land forms

Erosional
Depositional



(Speed) Youthful
Erosional

Valleys, Gorges,
Canyon, Plunge Pools,
waterfalls, River Terraces

Mature
Depositional

meanders, oxbow lakes,
Alluvial fans, Levees

Old stage
Delta

→ meanders — twist & turn / zig-zag bends of a river which are Depositional in nature.

→ Entrenched meanders — Erosional in nature (Rocks)

→ Jhelum River — Tulbul, Kishanganga Hydroelectric Plant (Vitasta)

↪ origin — Vainag

↪ deposits in its youthful stage

→ Digestion : food is stored in our body in the form of glycogen

1. Salivary Enzyme : complex sugar → simple sugar

2. Esophagus : food pipe

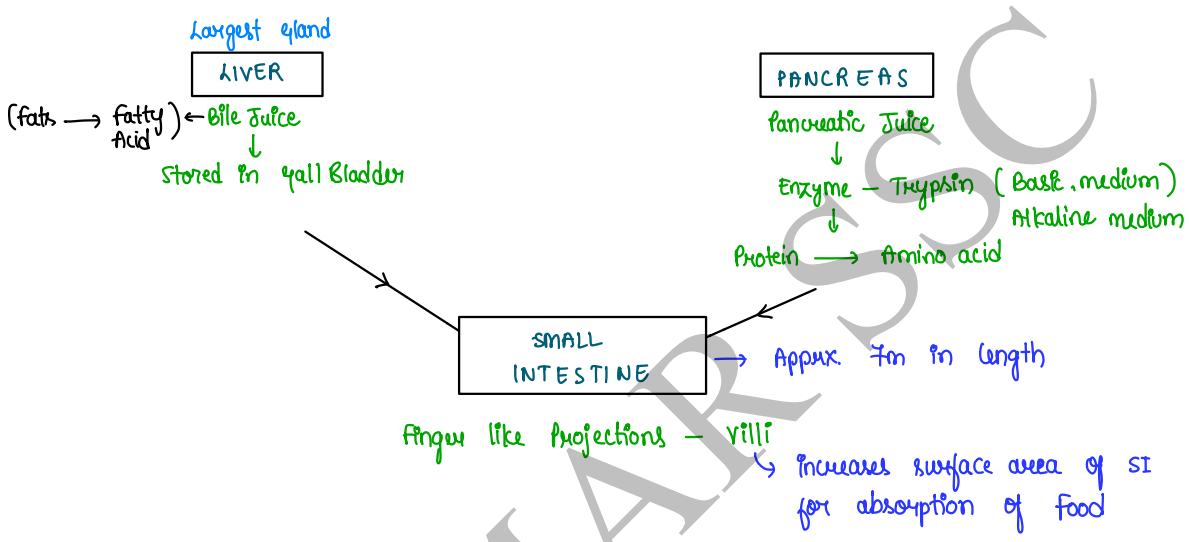
3. Stomach : Releases HCl to facilitate the suitable conditions to the Pepsin enzyme in breaking down proteins into amino acids
↳ growth

↓
mucous membrane
protects inner lining of
Stomach from HCl

Protein $\xrightarrow[\text{in presence of HCl}]{\text{Pepsin}}$ Amino acids
↳ gastric juice (pH = 1.6)

4. sphincter muscles : food from stomach enters small intestine through these muscles.

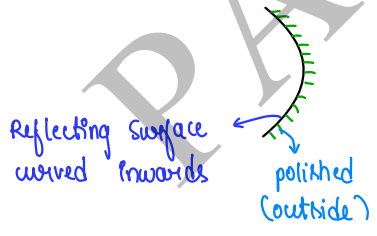
5. Small Intestine : longest part of alimentary canal where major digestion takes place.



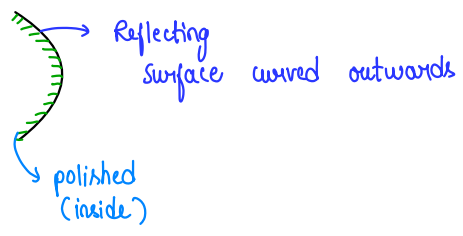
\rightarrow Liver, Pancreas - Not part of Alimentary canal

\rightarrow Chloroform - CHCl_3 (Trichloro methane)

\rightarrow spherical mirrors : 2 types



CONCAVE



CONVEX



→ Convex mirror : Virtual / Erect Image , Small Image
↳ Reflecting Surface curved outwards
↳ Image behind the mirror

1st case (at ∞) : Highly diminished image / point sized

2nd case (blw ∞ & pole) : Diminished image

→ Real Image — Image in front of mirror
Always Inverted

→ Convex mirror = concave Lens (same properties)
↳ focal length — Always +ve

→ Concave mirror = convex Lens (same properties)
↳ focal length — Always -ve

→ Uses of Convex mirrors : Provides wider area of view
↳ Rear view mirrors in vehicles
ATM , Sunglass
Security Purposes — Reflector in street light , Railways

→ Uses of concave mirrors : Shaving mirror
Dentists
Solar Furnace

→ Great Grand Canyon — Arizona , USA formed by Colorado River

→ Census 2011 :

Male Literacy — 82.14 %

Female Literacy — 65.46 %

Overall — 74.04 %

Highest lit
State — Kerala → Kollam (1st constitutionally literate)
UT — Lakshadweep

Lowest — (State) — Bihar (61.2%)
lit ↘ (District) — Alkajpur, MP

Highest (District) — Serchip, Mizoram
lit



→ Type of music — State
Kajhi — UP, Bihar
Chaiti — Odisha
Carnatic music — Andhra Pradesh, Telangana, Karnataka

→ Ghoomar (Dance) — Rajasthan → 50 districts
↳ Tribe — Kalbeliya → Great Indian Bustard
↳ UP (75)
↳ MP (53)
↳ Raj (50)

→ Maand — Rajasthan (Raj)
Larni/Koli — Maharashtra (MH)
Thoochi — Himachal Pradesh (HP)

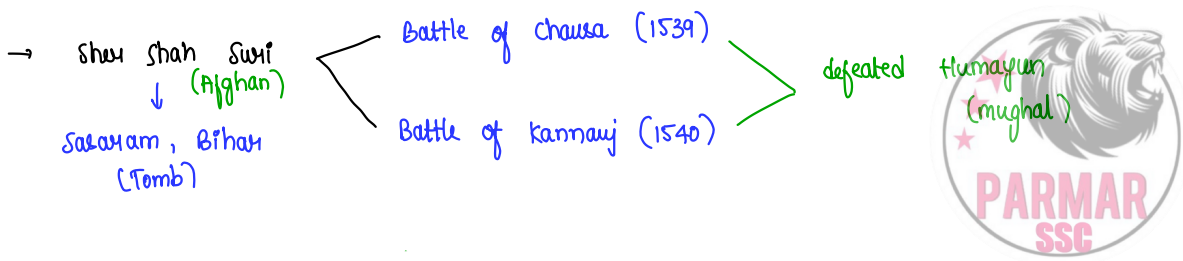
→ Sovereignty — Independent authority/power

FD1 : To abide by the constitution & respect its ideals & institutions, the
Art 51A(a) National flag & the National Anthem.

FD2 : To cherish & follow the noble ideas w/c inspired our national
Art 51A(b) struggle for freedom.

FD3 : To uphold & protect the sovereignty, unity & integrity of
Art 51A(c) India.

→ Grand Trunk Road (GT Road) — Amritsar to Kolkata



→ Primary Productivity : Amount of Organic matter / Biomass produced per unit area by Plants during Photosynthesis.

Photosynthesis : Chlorophyll (green) — magnesium (mg)
Light Energy → Chemical Energy

→ GPP (Gross Primary Productivity) : Rate of Production of organic matter

→ NPP (Net Primary Productivity) : $GPP - \text{Rate of energy loss due to metabolism}$

→ Secondary Productivity : Rate of production of new organic substances by consumer.

→ 1st Anglo - Maratha war — after this Treaty of Salbai was signed in 1782

→ Treaty of Purandar (1776) — Maratha & British
— Wadgaon (1779)

→ Calcium Phosphate — Bones, Teeth
Calcium Oxide — Cement
↳ Quick lime

→ Shifting cultivation in Brazil — Roca
↳ 920 2024

→ Pre - monsoon Showers : May / June



North East

NOT WESTERS (Jute, Tea)

Kal Baisakhi - WB

Bardauli Cheerha - Assam

mango Showers → South India

coffee Blossom



→ Loo - Hot wind

↳ Result of Advection

↳ Horizontal change in temperature

→ Dwigavati ♥

→ Harshavardhana : Pushyabhuti / Vardhan dynasty → capital - Kannauj

- ↳ defeated by Pulakeshi II
- ↳ Ruled After Gupta dynasty during 7th century
- ↳ Ratnavali, Prityadarshika, Nagananda
- ↳ Bhanubhatta - Harshacharita on Harshavardhana

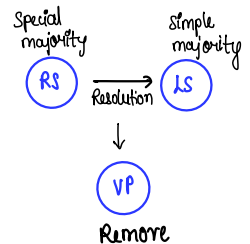
→ Vice President : Ex-officio chairman of Rajya Sabha

min age - 35 yrs

All MPs - election

Not a member of Rajya Sabha

Art 63



→ Union Executive : President

Vice President

Attorney General

Council of ministers

→ Resignation : President \Rightarrow Vice President
Speaker \Rightarrow Deputy Speaker



→ Vijaya Utsav — Hampi, Karnataka
↳ January

Langasagar mela — Sagor Island, WB during Holi

Pushkar fair — Rajasthan

Konark Dance fest — Odisha

↳ Sun temple
↳ Navasimha I — built by
↳ Chandrabagha Beach

→ Rowlatt Act 1919 : Anarchical Revolutionaries' crimes Act

↳ Sydney Rowlatt

↳ Black Act — Gandhiji → Rowlatt Satyagraha (HRL → Swarajya Sabha)

↳ Arrest without warrant, Detain without trial for 2 years

↳ Saifuddin Kitchloo, Dr Satyapal — Arrest

↓
13 April 1919 — Jallian wallah Bagh — General Dyer

↓
Gandhiji returned Kaiser-E-Hind (title) w/c he got for Boer war (South Africa)

↓
Rabindranath Tagore — Returned Knighthood

↓
Khilafat movement < — Muhammed Ali
Shaukath Ali

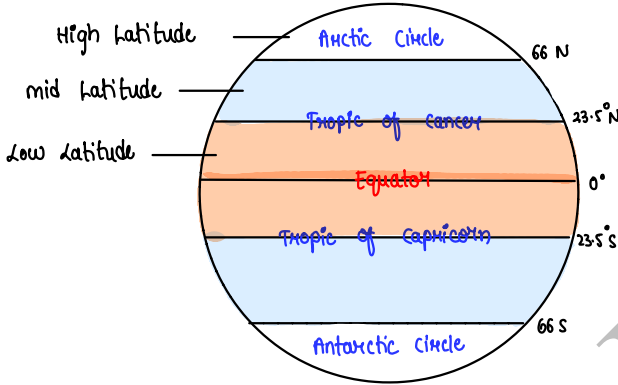
↓
Non-cooperation movement (1920) — Gandhiji (NCM)

Feb 4, 1922 — Chauvi Chauva [3 civilians + 22 Policemen X]

Gandhiji halted NCM



→



→ mid latitudinal coastal region — Temperate Evergreen forest

→ 5th Khelo India games : medal tally — 1. MH
↳ MP 2. Haryana
3. MP

→ 1st Khelo India — New Delhi, 2018

→ Khelo India winter games — Gulmarg, J & K $\begin{cases} 1^{st} & \text{J \& K} \\ 2^{nd} & \text{MH} \end{cases}$

→ Mission Indradhanush — immunisation

→ Universal Immunisation Programme → U-win platform
↳ digital

→ Kala Azar — to eliminate by 2023

↳ Protozoa (Leishmania) carried by sand fly

→ Sleeping Sickness — Protozoa (Trypanosoma)

↳ carrier — The Tse

→ Sickle cell Anaemia — to eliminate by 2047

↳ lack of iron

→ 1st woman CJ of Eijmath HC — Justice Sonia Eijmath Gokani



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