



# SSC GK

## PYQs Class Notes

### PART-4

### Parmar Sir

### Lecture:- 17

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# LECTURE-17



→ advocated temple entry movement

→ belonged to Ezhava Community

1

Sree Narayana Guru considered the differences based on caste and religion as meaningless and advocated the principle of 'One Caste, one Religion and one God' for all. He belonged to which of the following organisations?

1. Veda Samaj

2. Sree Narayana Dharma Paripalana Yogam

3. Brahmo Samaj

4. Arya Samaj — 1875 — By Swami Dayanand Saraswati

→ Founder - Keshab Chandra Sen + Sridharalu Naidu

→ Also Known as Brahmo Samaj of South India

→ founded in 1864

Brahmo Samaj — 1828

→ earlier Brahmo Sabha → changed to Brahmo Samaj

→ earlier Atmiya Sabha

→ Founder - Raja Ram Mohan Roy

→ Year - 1814

→ Division in 1866-67

→ Brahmo Samaj of India - Keshab Chandra Sen

→ Adi Brahmo Samaj - Debendranath Tagore

Tattwabodhini Sabha

→ Founder - Debendranath Tagore

→ In - 1839 → released Tattwabodhini Patrika in Bengali

→ merged with Brahmo Samaj

Temple Entry Movement

→ North India - By BR Ambedkar in 1927

→ South India - By Sree Narayan Guru



## Self Respect Movement

↳ By EV Ramaswamy Naicker in 1924

## Swami Dayanand Saraswati

- ↳ Original name- MoolShanker
- ↳ 1st unit of Arya Samaj in Bombay
- ↳ HQ later shifted to Lahore
- ↳ **Books** - Satyarth Prakash
- ↳ **Slogans** - Go Back to Vedas, India for Indians

2

Which Peshwa signed the treaty of Bassein with the East India Company?

1. Raghunath Rao
2. Narayan Rao
3. Baji Rao II
4. Madhav Rao

↳ signed in 1802

## Treaty of Purandar

- ↳ signed in 1665
- ↳ between Rajput ruler Jai Singh I & Chhatrapati Shivaji

## I Anglo-Maratha War

- ↳ time period- 1775-1782
- ↳ Governor General- Warren Hasting
- ↳ ended with treaty of Salbai (1782)

## II Anglo-Maratha War

- ↳ time period- 1803-05
- ↳ Governor General- Wellesley
  - ↳ Ist to sign - Nizam of Hyderabad
  - ↳ introduced Subsidiary Alliance



3

Which of the following is NOT an alkaline earth metal?

1. Na
2. Mg
3. Ca
4. Be

Sodium → Greek word 'Natrium'  
Potassium → K → Greek word 'Kallium'

3. Ca  
4. Be

Transition Metals

Great D-block Elements

Inert Gas

1 H Hydrogen																	2 He Helium																		
3 Li Lithium	4 Be Beryllium																	5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon												
11 Na Sodium	12 Mg Magnesium																	13 Al Aluminium	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon												
19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton	37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon
55 Cs Cesium	56 Ba Barium	57-71 La-Lu Lanthanides	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	86 Rn Radon	87 Fr Francium	88 Ra Radium	89-103 Ac-Lr Actinides	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Cn Copernicium	113 Nh Nihonium	114 Fl Flerovium	115 Mc Moscovium	116 Lv Livermorium	117 Ts Tennessine	118 Og Oganesson
S-Block		57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium	89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium				

1A Alkali Metals	2A Alkaline Earth Metals	Transition Metals										3A Icosagens	4A Crystallogens	5A Pnictogens	6A Chalcogens	7A Halogens	8A Noble Gases
Inner Transition Metals		Lanthanides															
		Actinides															

origin- Trimbakeshwar (Nashik)

4

The drainage basin of the Godavari river is present in which of the following states of India?

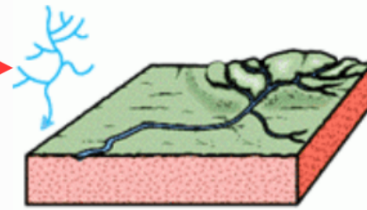
1. Maharashtra, Andhra Pradesh, Kerala, Karnataka, and Tamil Nadu
2. Chhattisgarh, Maharashtra, Andhra Pradesh, Madhya Pradesh, Karnataka, and Odisha
3. Chhattisgarh, Andhra Pradesh, Kerala, Karnataka, and Tamil Nadu
4. Chhattisgarh, Maharashtra, Karnataka, Tamil Nadu, and Odisha

Mizoram- Known as the Malassis Basin

## Drainage Patterns

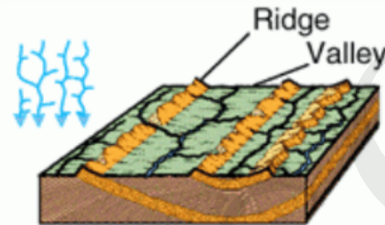
### 1. Dendritic Pattern

resembling the branch of a tree



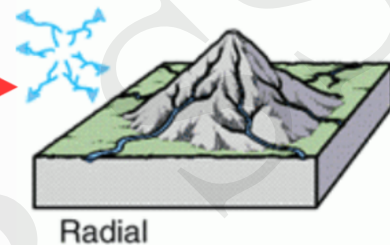
### 2. Trellis Pattern

cuts at 90°



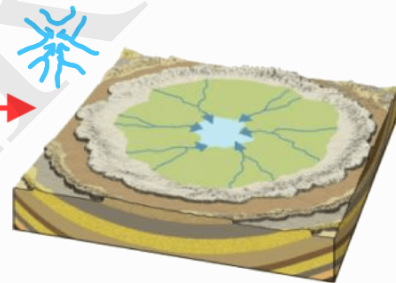
### 3. Radial Pattern

Eg- Amarkantak Plateau  
Son & Narmada



### 4. Centripetal Pattern

Eg- Loktak Lake (Manipur)



5

The Sisodiya ruler of Mewar, Amar Singh, accepted Mughal service during the reign of

1. Shah Jahan — 1628–1658
2. Akbar — 1556–1605
3. Aurangzeb — 1658–1707
4. Jahangir — 1605–1627

Battle of Khanwa — 1527 — Rana Sanga Vs Babur

Battle of Haldighati — 1576 — Maharana Pratap Vs Akbar  
forces led by Raja Mansingh I  
King of Amber

6

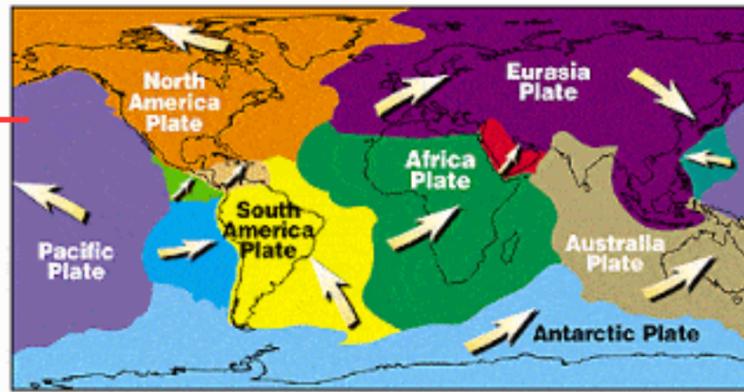
In 1962, who published 'The History of Ocean Basins', which outlined the theory of how tectonic plates could move, later called 'sea floor spreading'?

1. Louis Bauer
2. Alfred Wegener
3. George Edward Backus
4. Harry Hammond Hess

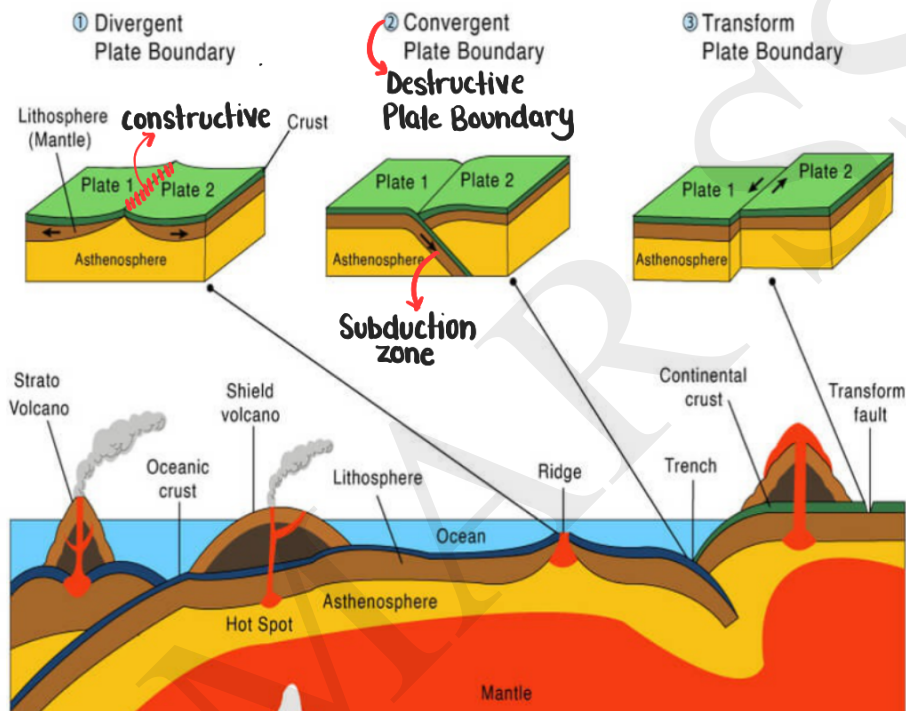
Paleontology — Study of fossils  
in Sedimentary rocks



Major  
Lithospheric  
Plates



## Plate Tectonic Theory



Arthur Holmes stated that convection current is developing because of radioactive decay present because of which the plates are moving



7

Which of the following states has the largest net-out migrants?

1. Haryana
  2. Maharashtra
  3. Uttar Pradesh
  4. Gujarat
- Net in
- Net Out

Population depends on:

- Birth
- Death
- Migration

8

NALCO is an Indian government enterprise, dealing with which of the following minerals?

1. Copper — first metal discovered by human

2. Iron

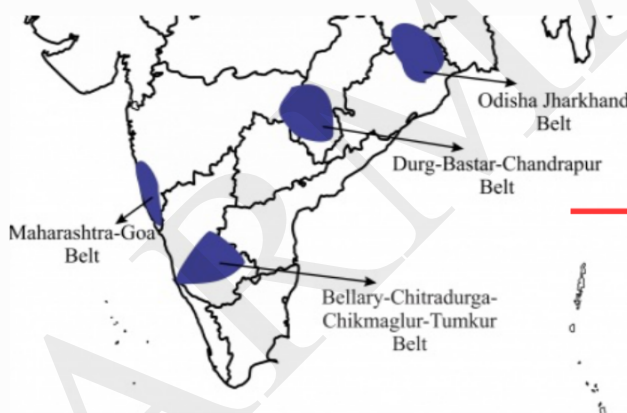
3. Bauxite — Aluminium Ore -  $Al_2O_3 \cdot 2H_2O$

4. Mica — Top production - Odisha

Mines - Khetri mines (Rajasthan), Malajkhand (MP)

non-metal

Top production - Andhra Pradesh



Ores - Hematite, Limonite, Magnetite

Iron-ore belts

9

Mangrove forests of West Bengal are also called:

1. Sunderbans

2. Shisham

3. Sholas

4. Sai

Littoral and Swamp forest category

found in the coast

trees have living roots - known as pneumatophores

found mostly in West Bengal

trees of Viviparous nature

temperate  
forests / grass lands  
of Western Ghats



→ Sunderbans  
has sundri trees

10

Which article talks about Reports of public Service Commission ?

1. Article 318
2. Article 320
3. Article 322
4. Article 323

by President

SPSC- by Governor

Article-315. Public Service Commissions for the Union and for the States.

UPSC- 6yrs or 65 yrs age

Article-316. Appointment and term of office of members.

UPSC+JPSC SPSC- 6yrs/62 age

Article-317. Removal and suspension of a member of a Public Service Commission.

decided by  
President

Article-318. Power to make regulations as to conditions of service of members and staff of the Commission.

Article-319. Prohibition as to the holding of offices by members of Commission on ceasing to be such members.

Article-320. Functions of Public Service Commissions.

Article-321. Power to extend functions of Public Service Commissions.

Article-322. Expenses of Public Service Commissions.

Article-323. Reports of Public Service Commissions.

President/VP election  
issue- Supreme Court  
MP/MLA disqualification-  
President in recommenda-  
-tion from EC

11

Which law was studied in the year 1787, in which it was said that as the volume of a gas increases its absolute temperature, if its absolute temperature decreases, then its volume will decrease?

1. Charles's law
2. Dalton's law
3. Boyle's law
4. Avogadro's law

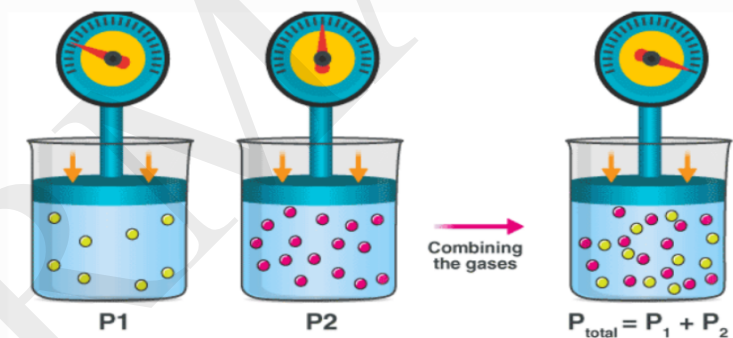
in 1811

Volume of a gas is directly proportional to the number of molecules under same temperature & pressure conditions

1 mole =  $6.02 \times 10^{23}$  no. of particles

Avogadro's No. ( $N_A$ )

total pressure of a mixture of gases is equal to the sum of the partial pressures of the individual component gases



12

Which device was invented by Carl Friedrich Gauss and Wilhelm Eduard Weber in 1833?

1. Transistor
2. Electromagnetic telegraph
3. Optical
4. Particle accelerator

Optical Fibre

Founder- Narinder Kapang

works on the concept of total internal reflection (TIR)

Reflection in Diamond  
Mirage



used in 1st Generation of Computer

Vacuum Tube → Lee de Frost

Cyclotron → Ernst Lawrence & Livingstone

Water electrolysis → William Nicholson

Air pump → Otto von Guericke

Airplane → Wright Brothers

13

Due to World War I and II the Olympic Games were NOT held in which years?

1. 1916, 1936, 1940

2. 1916, 1940, 1944

3. 1924, 1940, 1944

4. 1920, 1944, 1948

1914-18

1939-45

14

in Animal Cell

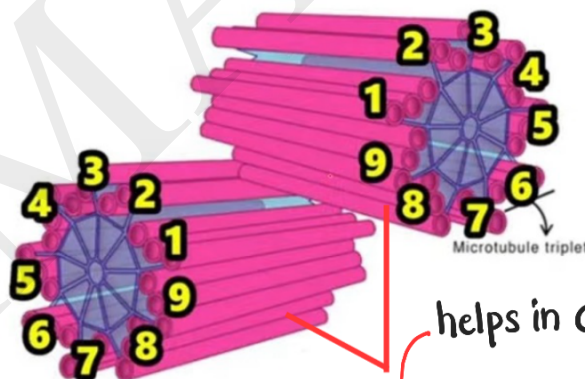
Most centrioles have a \_\_\_\_\_ structure of triple microtubules, which are present in pairs and arranged orthogonally after duplication.

1. 9 + 3

2. 6 + 1

3. 9 + 0

4. 8 + 0



helps in cell-division

Centrioles

Microtubules organising  
Centres

15

The golden revolution in India related to the agriculture sector is referred to as:

1. cashew cultivation

2. coconut production

3. horticulture and honey

4. minerals

Jute- Golden Fibre

**Father- Hiralal Chaudhary**

Black revolution	Biodiesel / petroleum production
Blue revolution	Fish production
Brown Revolution	Leather/non-conventional(india)/cocoa production
Golden revolution	Fruit / Horticulture / honey production
Golden fiber revolution	Jute production
Green revolution	Food grain production
Grey revolution	Fertilizer production
Pink revolution	Onion / Prawn production
Rainbow / Evergreen revolution	Overall development of agriculture
Red revolution	Tomato / Meat production
Round revolution	Potato production
Silver revolution	Egg / poultry production
Silver fiber revolution	Cotton production
White revolution	Milk Production
Yellow revolution	Oil Seed Production

**Father- Sam Pitroda**

**16**

Which of the following articles lays down for protection from self-incrimination i.e. protection from standing trial against oneself?

1. Article 17 — Right against Untouchability
2. Article 19 — SAAMRO
3. Article 18 — Abolition of titles
4. Article 20

**17**

According to article 112 of Indian constitution, who shall cause in every financial year a statement of estimated receipts and expenditure of the Government of India?

1. Speaker
2. President
3. Prime Minister
4. Vice President

Annual Financial Statement

Money Bill - procedure - Art 109

- Definition - Art- 110

- require President's prior recommendation

- to be authorised by Speaker of LS

has more power

Art.-107 ——— Public Bill  
Ordinary bill ——— Private member Bill  
 LS & RS has equal powers

18

Barabar Cave, famously known for depicting Ashokas' inscription, is situated at \_\_\_\_\_ for people of Ajivika Sect

1. Sanchi, Madhya Pradesh
2. Rampurva, Bihar
3. Gaya, Bihar
4. Sarnath, Uttar Pradesh

Ashokan Pillar



Bull

In Rashtrapati Bhavan

Barabar Caves



Kanheri Caves (Maharashtra)

Badami Caves ——— Karnataka

Udaigiri Caves ——— Madhya Pradesh — Avatar of Vishnu — Varaha

Udaigiri & Khandgiri Caves ——— Odisha

Bhaja Caves ——— Maharashtra

Bagh Caves ——— Madhya Pradesh

(by CG II

(The Great Boar)



19

What is the name of the large-scale demographic survey conducted to provide reliable estimates of birth and death rates and other fertility and mortality indicators at the national and sub-national levels?

1. Sample Registration System (SRS)
2. Enumeration of Human Resource system (EHRS)
3. Direct Recruitment System (DRS)
4. Creation and bifurcation System (CBS)

20

In 1883, which of the following allowed Indians to try Europeans in courts of law?

1. Christian Personal Law

2. Ilbert Bill

3. Indian Penal Code

4. Murderous Outrage Regulation

Viceroy - Ripon

in 1860

By Thomas Macaulay

Indian National Congress

- Founded in 1885

- Founder- Allan Octavian Hume

- Governor - Dufferin - called Congress - a factory of Sedition

Safety Valve Theory (Lala Lajpat Rai)

- Father of Indian Ornithology

Charles Metcalfe - Liberator of Indian Press

Bharatiya Nyaya Sanhita, 2023

Act No 45 of 2023 (BNS 2023)

replacing

*The Indian Penal Code 1860*

Bharatiya Nagarik Suraksha Sanhita, 2023

Act No. 46 of 2023 (BNSS 2023)

replacing

*The Code of Criminal Procedure 1973*

Bharatiya Sakshya Adhiniyam, 2023

Act No. 47 of 2023 (BSA 2023)

replacing

*The Indian Evidence Act, 1872*

African Union (new member)

G21

CA

Q. Which country will host the 2024 G20 Summit ?

2023 - India | 2022 - Indonesia

a) Azerbaijan — Will host COP 2024

b) Indonesia

c) Brazil — Rio de Janeiro

d) Russia

Theme — Vasudhaiva Kutumbakam

One Earth, One Family

Chief Coordinator — Harshvardhan Sringhla

Sherpa — Amitabh Kant

from Maha Upanishad

CA

Q. Which city has become the 1<sup>st</sup> Solar city of India ?

a) Varanasi

b) Sanchi — Solar Plant of 3MW power

c) Jaipur

d) Indore