



SSC GK

PYQs Class Notes

PART-2

Parmar Sir

Lecture:- 24

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1.

What is humidity?

आर्द्रता क्या है?

- ✓ 1. When water vapour is present in the air
2. When the water vapour transfers into water from air
3. When air is present in the water
4. When the other gases transfer to air

1. जब वायु में जलवाष्प मौजूद हो
2. जब जलवाष्प हवा से पानी में स्थानांतरित होता है
3. जब पानी में हवा मौजूद हो
4. जब अन्य गैसें हवा में स्थानांतरित हो जाती हैं

Types of humidity:

1. Absolute humidity: water content in the air
2. Relative humidity: how much water vapour is there in the air as compared to how much water it can hold against it

- Humidity is measured using hygrometer
- Anemometer: wind speed
- Lactometer: milk purity
- If humidity is **less** then evaporation is more

2.

What cells help in osmoregulation in platyhelminthes?

प्लैटिहेल्मिन्थेस में कौन सी कोशिकाएँ ऑस्मोरग्यूलेशन में मदद करती हैं?

- ✓ 1. Flame cells
2. Hooks
3. Ganglia
4. Nerve cells

Regulation of osmotic pressure inside body

or excretion

no body cavity

Acoelomates

Hermaphrodite
Male and female
body in same being

Platyhelminthes
Has a flat body

Dorsoventrally flattened body
Same entry and exit point (mouth)

Also, in Cnidaria

Quality of regeneration

Planaria

- Free-living
- Reproduction: through regeneration

Liverfluke

- Parasitic

Velocity of circulation: the speed at which money

Bacteria flagellum

Tail → Filament → Hook → Basal body

3.

Who among the following is associated with the musical instrument Surbahar?

निम्नलिखित में से कौन संगीत वाद्ययंत्र सुरबहार से सम्बंधित है?

1. Sharan Rani → Sarod
2. Bhajan Sopari → Santoor
3. Shiv Kumar Sharma → Santoor
- ✓ 4. Annapurna Devi

First wife of Pt.
Ravi Shankar

- Padma Bhushan: 1977
- Daughter of: Alauddin Khan → Sarod
- Gharana: Maihar
- Disciple: Hariprasad Chaurasia → Classical flautist (Bansuri)

4.

How many industries were listed in Schedule A of Industrial Policy, 1956?

औद्योगिक नीति, 1956 की अनुसूची ए में कितने उद्योग सूचीबद्ध थे?

- ✓ 1. 17
2. 16
3. 10
4. 12

1st Industrial Policy: 1948

2nd IP

3 categories:

- Schedule A: 17 (govt.)
- Schedule B: 12 (govt+private)
- Schedule C: remaining (private sector)

controlled through

Licence Raj ← licence under Industries
Act 1951

1991 → Liberalisation
→ Privatisation
→ Globalisation

5.

Malik Ambar, who resisted Mughals in Deccan, was an able administrator of which state?

मलिक अंबर, जिसने दक्कन में मुगलों का विरोध किया, किस राज्य का एक सक्षम प्रशासक था?

1. Bijapur
2. Golconda
3. Ahmednagar
4. Bidar

- Gol Gumbaz: 1656 AD
- 2nd largest dome in the world
- Built by: Mohammad Adil Shah of Adil Shahi Dynasty

Architect: Yaqut of Dabul

Bahmani kingdom

Tungabhadra river

Vijayanagar Empire
1336 AD

Bahmani Kingdom

- Setup by: Alauddin Hassan (Hasan Gangu), 1347 AD
- Title: Bahmani Shah
- 5 different kingdoms known as Deccan Sultans
- Bijapur
- Golconda
- Ahmednagar
- Bidar
- Berar

1565: Battle of Talikota

El Niño will be visible

Monsoon is weak

6.

What would happen if the pressure difference in Tahiti was negative.

1. Above average and early monsoon
2. Below average late monsoon
3. Drought
4. Above Average and early monsoon

- Pressure difference +ve: La Niña (little girl/child girl)

More than avg. rainfall

pressure difference between Darwin and Tahiti. Why?

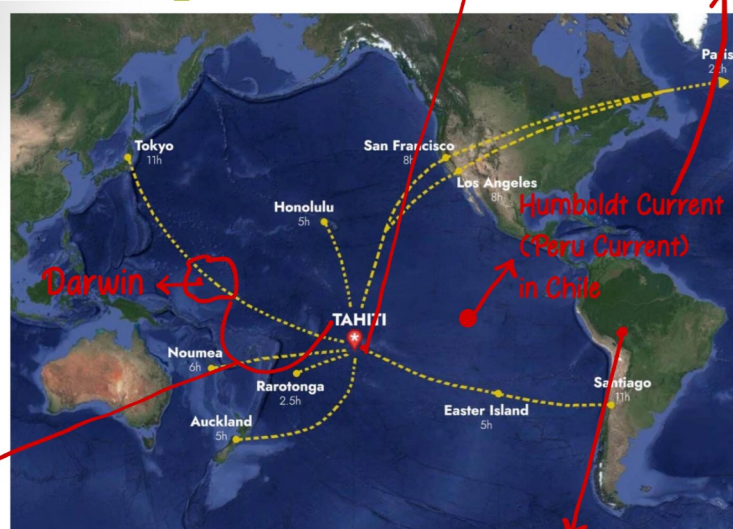
→ El Niño (child Christ/small boy)

Pacific Ocean: largest and deepest Ocean

Deepest point: Challenger

Deep in Mariana Trench

cold Ocean current



upwelling zones
Flourishing fishing industries

7.

Who was associated with the foundation of Fergusson College ?

ओलंपिक पदक विजेता पहली भारतीय महिला कौन है?

1. Lala Lajpat Rai
2. Bal Gangadhar Tilak
3. Gopal Krishna Gokhale
4. Dadabhai Naoroji

1885, in Pune

Political guru of Gandhi

Gopal Krishna Agarkar
(Founder of Sudharak)

Karnam Malleshwari (weight lifter)
in Sydney 2000 Olympics

Lokahirwadi: pen name of Gopal Hari Deshmukh

- 23rd March 1931: Martyrs Day/
Shaheed Diwas

- Participated in Anti-Simon Commission
- Gave slogan "Simon Go Back"
- Death due to lathi charge by Scott
- 1916: estd. Home Rule League
- Started: Maratha (English) and Kesari (Marathi)
- Father of Indian unrest → By Sir Valentine Chirol
- Also known as Lokmanya Tilak

- political guru of Subash Chandra
Bose: Chittaranjan Das

highest ST
population
(absolute)

8.

In which Year Joint Forest Management launched in the context of National Forest Policy ?

भारतीय संविधान का कौन सा अनुच्छेद शीर्षक के तहत मूल अधिकारों की बात करता है?

1. 1947
2. 1959
3. 1988
4. 1956

- Highest forest cover in India: Madhya Pradesh
- Highest Forest cover (%): Mizoram, (Highest ST population %)
- Highest increase: Telangana, Andhra Pradesh
- Type of forest: Deciduous

- 2019: Forest Report (biennial report)

- According to this report: Forest cover is 21.67%

Epiphytes, Simul, Getel, Aini

2021: 21.72%

- Tropical evergreen/Moist tropical forest
- Highest SC population: UP
- No ST population in: Punjab, Haryana
- Tiger Reserve with highest forest cover increase:
Pakke Tiger Reserve (Arunachal Pradesh)

Rainfall

- 100-200 cm: moist deciduous
 - 100-150 cm: dry deciduous
- ↓
- Tendu, Palas, Neem, amaltas

Mangrove

- In West Bengal
- Sundari Tree: Pneumatophors in the root of trees

Living roots

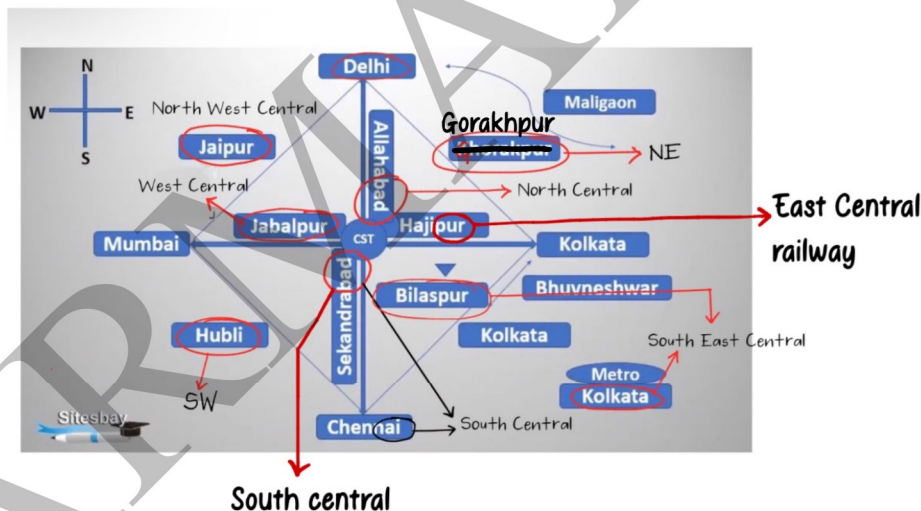
Living root bridge: Nongthymmai, Meghalaya

9.

Asansol, Howrah, Malda and Sealdah division come under which railway zone of India?

आसनसोल, हावड़ा, मालदा और सियालदह डिवीजन भारत के किस रेलवे क्षेत्र के अंतर्गत आते हैं?

- | | |
|-------------------------|----------------------|
| 1. Central Railway | 1. मध्य रेलवे |
| 2. Northern Railway | 2. उत्तर रेलवे |
| ✓ 3. Eastern Railway | 3. पूर्वी रेलवे |
| 4. West Central Railway | 4. पश्चिम मध्य रेलवे |



10.

Who coined the term 'zeroth law of thermodynamics' in 1931, which asserts that two bodies in equilibrium with a third are in equilibrium with each other??

किस देश के अधिकारियों ने भारतीयों को ले जा रहे जहाज को मागगाटा मारू को उतारने की अनुमति देने से इनकार कर दिया?

- | | |
|-------------------------|--------------------------|
| ✓ 1. Ralph H Fowler | 1. राफेल एच फोर्लर |
| 2. Max Planck | 2. मैक्स प्लैंक |
| 3. James Clerk Maxwell | 3. जेम्स क्लर्क मैक्सवेल |
| 4. Josiah Willard Gibbs | 4. जोशिया विलार्ड गिब्स |

Canada

- 1st law: energy can neither be created nor be destroyed
- 2nd: Entropy in isolated system is always increasing
- 3rd: Entropy of a system approaches to a constant value at the absolute zero

11.

Where is National Dope Testing Laboratory?

~~विश्व भर में नार्मल ड्रग टेस्ट अभियान किया वर्ष सातू किया गया था।~~

1. Mumbai
2. Bangalore
3. Delhi
4. Punjab

ARI headquarter

Headquarters

- National Institute of Oceanography: Goa
- National Institute of Ocean Technology: Tamil Nadu

• SEBI: Mumbai

• SIDBI: Lucknow

Estd: 12
July 1988

2nd April 1990

Also, NABARD

Estd: 12 July 1982

12.

Which of the following statements is NOT correct about surface tension?

पृष्ठ तनाव के बारे में निम्नलिखित में से कौन सा कथन सही नहीं है?

1. Surface tension is typically measured in dynes/cm. → N/m (Newton per meter)
 2. The shape of water drop is spherical due to surface tension.
 3. The cohesive forces between liquid molecules are responsible for the phenomenon known as surface tension.
 4. At room temperature, surface tension of water is less than ethyl alcohol.
1. सतही तनाव आमतौर पर डायन/सेमी में मापा जाता है।
 2. सतह तनाव के कारण पानी की बूंद का आकार गोलाकार होता है।
 3. तरल अणुओं के बीच संसर्जक बल सतह तनाव नामक घटना के लिए जिम्मेदार होते हैं।
 4. कमरे के तापमान पर पानी का सतही तनाव एथिल अल्कोहल से कम होता है।

$$\text{Surface Area} = \frac{\text{Force}}{\text{Length}}$$

scalar quantity (does not depend on direction)
depends only on the Nature of liquid

- Surface Tension: Force of attraction b/w molecules of a substance

Also known as cohesive force: force of attraction that is present b/w the molecules of same substance

Stronger than cohesive force

- Adhesive force: force of attraction present b/w the molecules of different substance

13.

'Alarippu' is a dance piece from which of the following classical dances of India?

'अलारिप्पु' भारत के निम्नलिखित में से किस शास्त्रीय नृत्य का एक नृत्य है?

- ✓ 1. Bharatanatyam
2. Odissi
3. Kathak
4. Kathakali

Jatiswaram

Sabdam

Varnam

Yadam

Tillana

Stages of Bharatnatyam

14.

Who among the following was the founder of the Aligarh Movement, which was largely responsible for the revival of Muslims in India?

निम्नलिखित में से कौन अलीगढ़ आंदोलन का संस्थापक था, जो भारत में मुसलमानों के पुनरुद्धार के लिए काफी हद तक जिम्मेदार था?

1. Muhammad Iqbal
2. Abdul Gaffar Khan
- ✓ 3. Sayyid Ahmad Khan
4. Mirza Ghulam Ahmad

→ frontier Gandhi

→ Civil Disobedience Movement, 1930; Khudai Khidmatgar, Red Shirt Movement

→ Aligarh Movement, 1875 to awaken the Muslims

→ Wrote: Saare Jahan se Acha Hindustan Humara

- Mohammedan Anglo Oriental College in 1875, later Aligarh Muslim University, 1920
- Opposed Congress formation
- "Sir" title given by Britishers
- Mirza Ghulam Ahmed: Ahmadiyya Movement, 1889 (Punjab)

15.

In India The State election Commissioner is appointed by the _____.

भारत में राज्य चुनाव आयुक्त की नियुक्ति _____ द्वारा की जाती है।

1. Chief Minister ✗
2. President ✗
3. Chief Justice ✗
- ✓ 4. Governor

TRICK

| | |
|---|---------------------|
| 1 Article 243 (Definitions) | |
| 1.1 Article 243A (Gram Sabha) Assembly | Direct |
| 1.2 Article 243B (Constitution of Panchayats) Kaise banegi Panchayat? | |
| 1.3 Article 243C (Composition of Panchayats) Composition | Indirect |
| 1.4 Article 243D (Reservation of seats) Dalit | Reservation |
| 1.5 Article 243E (Duration of Panchayats, etc.) Duration | 5 yrs (letter E: 5) |
| 1.6 Article 243F (Disqualifications for membership) Fail | Disqualification |
| 1.7 Article 243G (Powers, authority and responsibilities of Panchayats) Goli khate power, responsibility | |
| 1.8 Article 243H (Powers to impose taxes by, and Funds of, the Panchayats) House tax | |
| 1.9 Article 243I (Constitution of Finance Commission to review financial position) Income | Finance Comm. |
| 1.10 Article 243J (Audit of accounts of Panchayats) | |
| 1.11 Article 243K (Elections to the Panchayats) | |
| 1.12 Article 243L (Application to Union territories) Lieutenant Governor in UTs | |
| 1.13 Article 243M (Part not to apply to certain areas) Modifications | |
| 1.14 Article 243N (Continuance of existing laws and Panchayats) | |
| 1.15 Article 243O (Bar to interference by courts in electoral matters) | |

ARTICLE - 243-K

→ Elections to the Panchayats / पंचायतों के चुनाव

Elections: State Legislature

Appointment: Governor

Removal: Same as a judge of HC

16.

What is Typhlops?

टाइफ्लॉप्स क्या है?

- ✓ 1. Blind snake
2. Glass snakes
3. Grass snake
4. Sea snake

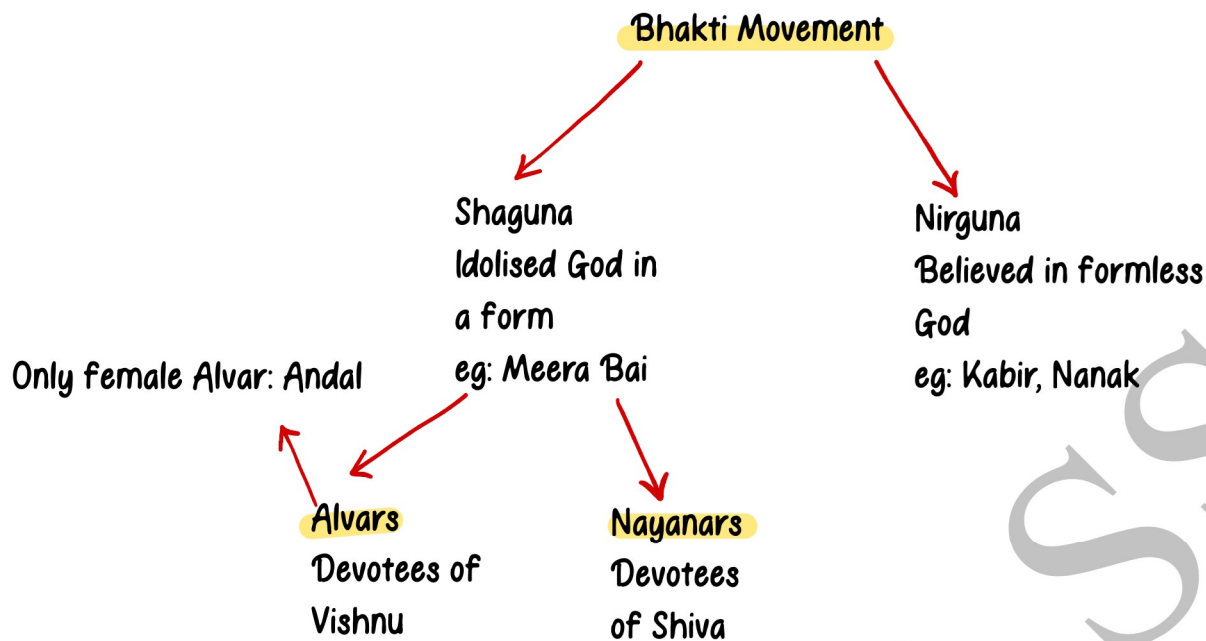
17.

Name the Bhakti Saint from South India who was initially a Jaina and a minister in the court of a Chalukya king in the twelfth century?

~~निम्नलिखित में से कौन सा जयचि को भारत की जनसंख्या की वृद्धि के लिए मासिक चरण की अवधि के रूप में जाना जाता है?~~

1. Eknath
- ✓ 2. Basavanna
3. Tallapaka Annamacharya
4. Karaikkal Ammaiyar

→ Estd. Ligayata sect



- Shankaradeva: Advaita Philosophy
- Ramanuja: Vishisht Advaita
- Nimbakacharya: Dvaita-Advaita
- Vallabacharya: Shudh Advaita

- Maharashtra → Varakari: Pandharpur
- Maharashtra → Dharakari

• non-metal oxide react only with base → salt + water

18.

Which of the following are metalloids?

- निम्नलिखित में से कौन उपधातु है
1. Aluminium, mercury, copper
 - ✓ 2. Boron, silicon, antimony
 3. Boron, oxygen, aluminium
 4. Boron, mercury, iron

Metal

Non Metal

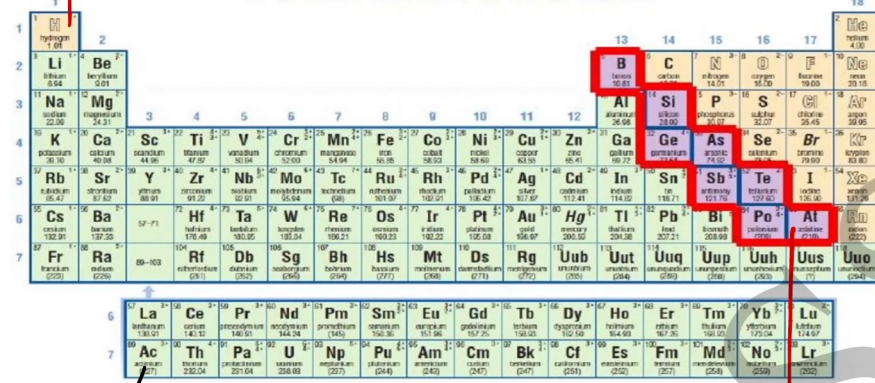
Amphoteric oxides: reacts with both acids or base



- Metal oxides reacts with only acids → Produce Salt+Water
- ↓
- Basic in nature

Group: 1A

Metalloids



Actinides: 89-103

Metalloids

19.

How many points are there in the 4th set in volleyball?

वॉलीबॉल में चौथे सेट में कितने अंक होते हैं?

1. 16
2. 8
3. 25
4. 15

Basket: 5
Volleyball: 6
Handball/Net ball: 7
Baseball: 9

20.

Who was the founder of Benaras Gharana of Kathak ?

हेमिस महोत्सव पर किस धर्म का प्रभाव है?

1. Raja Chakradhar Singh
2. Ishwari Prasad
3. Shambhu Maharaj
4. Janaki Prasad

Buddhism

Ladakh

Jullej Ladakh Program: Indian Navy

Lucknow Gharana

Kalka Bindadin Gharana: Pt. Birju Maharaj

Padma Vibhushan: 1986

21.

GIGA Chat is the Chatbot developed by ?

1. USA
2. Russia
3. Japan
4. Israel

Company: Sberbank

Chat GPT

India: Lexi

Google: Bard

22.

1st city to measure progress toward achieving SDGs?

एसडीजी हासिल करने की दिशा में प्रगति मापने वाला पहला शहर ?

1. Indore
2. Bhopal
3. Ahmedabad
4. Surat



23. Which state govt. launched Shasan Aplya Dari?

1. Telangana
- ✓ 2. Maharashtra
3. Karnataka
4. Odisha

Geetha Karmikulam Bhima

Mo Ghara scheme

Toddy tappers
insurance scheme

24.

Dawki Land Port has been built in .

1. Tripura
2. Manipur
- ✓ 3. Meghalaya
4. Assam

West Jayantia District

To create connectivity with Bangladesh

Beidienkhalam festival

- Kaladan Multimodel Project: links Calcutta to Kaladan (Myanmar)

Links Sittwe Port

25

In which Five-Year Plan was the process of economic reforms introduced in India?

भारत में आर्थिक सुधारों की प्रक्रिया किस पंचवर्षीय योजना में शुरू की गई थी?

1. Sixth
2. Tenth
3. Fifth
- ✓ 4. Eighth