



SSC GK

PYQs Class Notes

PART-4

Parmar Sir

Lecture:- 27

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LECTURE-27



1

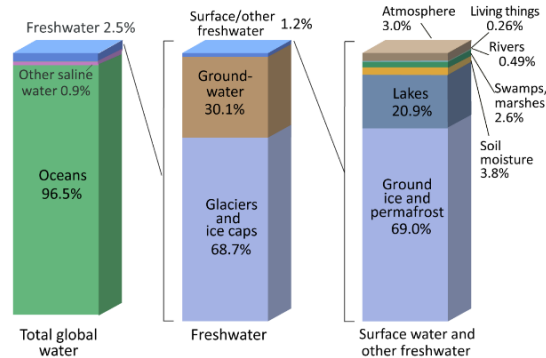
Of the total water content available globally, how much percentage of water is received from freshwater resources?

Earth- Blue Planet

विश्व में उपलब्ध कुल जल में से कितना प्रतिशत जल मीठे जल के संसाधनों से प्राप्त होता है?

Where is Earth's Water?

1. 0.5 %
2. 4.5 %
3. 3.5 %
4. 2.5 %



2

Which of the following is known as the steel city in India?

निम्नलिखित में से किसे भारत में इस्पात नगरी के नाम से जाना जाता है?

1. Mumbai — Financial Capital / Gateway of India
2. Jamshedpur — Pittsburgh of India
3. Patna
4. Ranchi



- Detroit of Asia- Chennai — 1904 (1st Cement Factory)
- City of Joy- Kolkata
- Scotland of India- Coorg , Karnataka
- City of lakes- Udaipur / Bhopal (if udaipur not in option)
- City of Pearls- Hyderabad

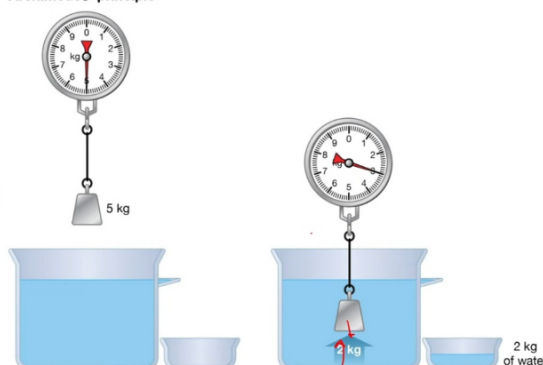
3

Who discovered a principle that states that the buoyant force on an object is equal to the weight of the fluid displaced by the object?

किसने उस सिद्धांत की खोज की जो बताता है कि किसी वस्तु पर उत्प्लावन बल उस वस्तु द्वारा विस्थापित द्रव के भार के बराबर होता है?

1. Isaac Newton — Reflecting Telescope , Laws of Motion
2. Niels Bohr
3. Archimedes
4. Galileo Galilei

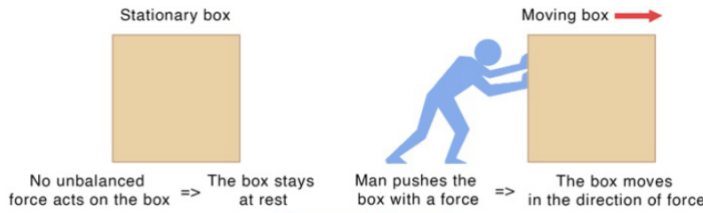
Archimedes' principle



Newton's Laws of Motion

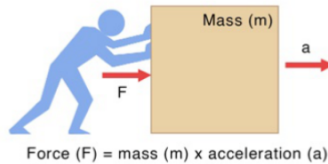
First Law

An object cannot start, stop, or change direction all by itself



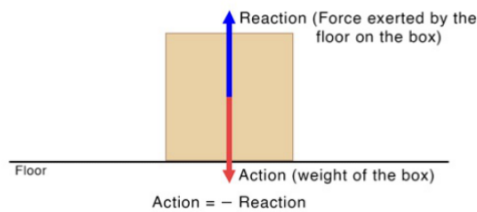
Second Law - Eg- Cricketer catching a ball

The force applied on an object is equal to the product of its mass and acceleration



Third Law

For every action, there is an equal and opposite reaction



4

Begum Akhtar a famous singer from India is known for which of the following genres?

भारत की प्रसिद्ध गायिका बेगम अख्तर निम्नलिखित में से किस शैली के लिए जानी जाती हैं?

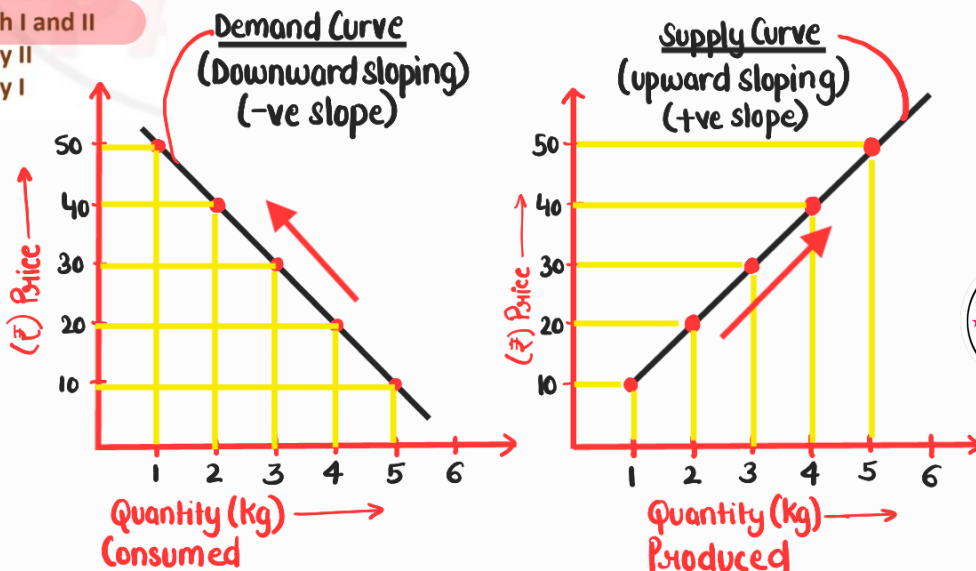
1. Ghazal music
2. Sufi music — Amir Khusrau
3. Folk music
4. Carnatic music — Guru - Purandara Das
Queen - MS Subbulakshmi

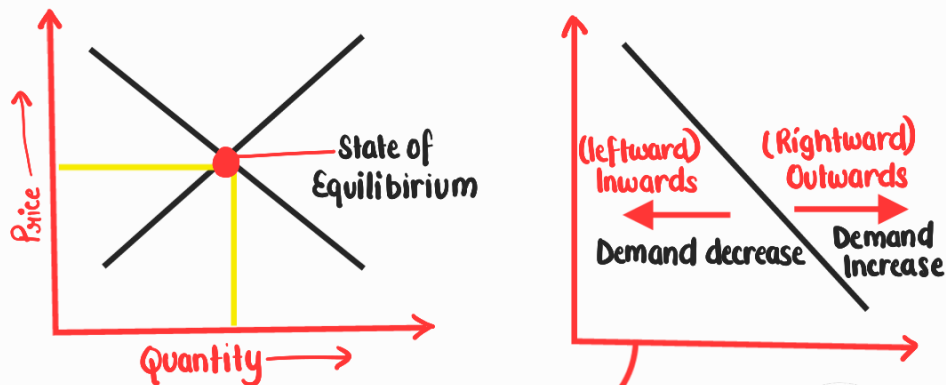
5

Which of the following statements is correct regarding the demand curve?

- I. It is a graphical representation of the demand function.
- II. It gives the quantity demanded by the consumer at each price.

1. Neither I nor II
2. Both I and II
3. Only II
4. Only I





- Shift in curve (Factors)

- Income - \uparrow - \uparrow demand | \downarrow - \downarrow demand
- Supplementary goods - Goods that are used together. Eg- Bread and Butter. \uparrow in price of Bread will lead to \downarrow in demand of both bread and butter as they are consumed together.
- Complementary goods - Goods that can be used as substitutes. Eg- Tea and Coffee. If price of tea \uparrow will lead to consumers buy coffee instead of tea. Hence \uparrow price of tea \rightarrow \downarrow demand of tea and \uparrow demand for coffee.

- Other types of Goods where demand function fails-

- Veblen goods - demand increases as the price increases
Eg- luxury products, fine jewelry
- Giffen goods - low priced products whose demand increases along the price. Eg- Daily essentials like rice

6

Which of the following statements are correct regarding the special powers of the Governors according to the Indian Constitution?

- A. The Governor of Nagaland shall have special responsibility related to law and order in the State. *La. Ganesan*
- B. The Governor of Manipur will submit a special annual report to the President on the administration of hilly areas in the State. *Anusuiya Uikey*
- C. The Governor of Sikkim shall have special responsibility for peace and for an equitable arrangement for ensuring the social and economic advancement of different sections.
- D. The Governor of Arunachal Pradesh shall have special responsibility with respect to law and order in the State of Arunachal Pradesh. *Kaiwalya Trivikram Parnaik*
Ganga Prasad

- 1. B, C and D only
- 3. A, C and D only

- 2. A, B and C only
- 4. A, B, C and D

7

Which of the following was widely considered as the 'heaven born service' for Indian during British rule?

निम्नलिखित में से किसे ब्रिटिश शासन के दौरान भारतीयों के लिए व्यापक रूप से 'स्वर्गीय सेवा' माना जाता था?

1. Military service on the Burma front

2. The Indian Civil Service or ICS — 1st Indian to qualify – Satyendra nath Tagore

3. The Indian Judicial Service

4. The British Indian Army

— Father of Indian Civil Services – Cornwallis

— Max age for Civil Services — 21 → 19 (For Indians) – Lytton

8

Deepa Kartha represents _____ dance.

दीपा कार्थी _____ नृत्य का प्रतिनिधित्व करता है।

1. Manipuri

2. Sattriya — last to be added in classical dances (2000)

3. Odissi — Vaishnavite form | Founder - Guru Shankar Dev

4. Kathak — Sitara Devi, Rajachakradhar Singh (Founder of Raigarh Gharana)

— Jagannath temple — white pagoda | Puri, Odisha

— Odissi dance depicted on the walls

9

What is the correct way to mix acid and water?

एसिड और पानी को मिलाने का सही तरीका क्या है?

1. The water must be added to the acid.

2. The water must be heated before mixing.

3. The acid must be heated before mixing.

4. The acid must be slowly added to the water.



10

What is the colour of the antenna used on the volleyball net?

वॉलीबॉल नेट पर प्रयुक्त एंटीना का रंग क्या है?

1. Red and white

2. Yellow and black

3. Black and white

4. Green and white

Players – 6

Term – Libero

a sport in olympics



— red and white

11

Special Drawing Rights are also known as _____.

विशेष आहरण अधिकार को _____ के नाम से भी जाना जाता है।

1. Golden Papers

2. International Reserves Money

3. Paper Gold

4. Gold Papers

Weighted avg. of - US Dollar + Euro + Chinese renminbi + Japanese Yen + British Pound Sterling

- Foreign Reserves made up of

- Foreign Currency Assets (FCA)
- Special Drawing Rights (SDR)
- Reserve Tranche Position
- Gold

- IMF - International Monetary Fund | HQ - Washington DC

- World Bank - International Bank for reconstruction & development | HQ - Washington DC

Both created in 1944 by Bretton Woods Agreement

Balance of Payment

- Current Account - Trade (goods & services) and Remittance
- Capital Account - Loan, Foreign investment

- Trade Deficit - Import > Exports

- Twin Deficit - Trade Deficit + Fiscal Deficit

- Depreciation - Reduction in value of fixed asset



12

Which of the following is one of the largest spiral galaxies?

निम्नलिखित में से कौन सबसे बड़ी सर्पिल आकाशगंगाओं में से एक है?

1. Milky Way

2. Maffei 1

3. Cygnus A - Cross-shaped

4. NGC 6872

Hydra → Virgo → Ursa Major - made up of 7 stars (Great Bear)
(Big dipper - Asterism)
(Sapta Rishi)

- Cassiopeia - W-shaped

13

Which of the following statements is INCORRECT about the Music of India?

भारतीय संगीत के बारे में निम्नलिखित में से कौन सा कथन गलत है?

1. A raga is believed to have started as a tribal or folk tune.
2. The musical instrument Kamaicha is majorly used by the 'Manganiar' Community of Manipur as a popular accompaniment to their songs. ~~X~~ - Rajasthan
3. The sruti is a unit of measure or small difference between the various consecutive pitches within a grama or a scale.
4. Tala is a cyclic arrangement of time units.

muslim Community

14

Which of the following statements most accurately describes the Cyclostomata group?

jawless vertebrates

1. They are characterised by having an elongated eel-like body, circular mouth, slimy skin and are scaleless.
2. They are ectothermic animals having mucus glands in the skin, and a three-chambered heart.
3. They are warm-blooded, oviparous, bipedal, feathered, winged and toothless vertebrates.
4. Their skin is covered with scales/plates and their hearts have only two chambers.

15

Who among the following appointed Aziz Khummar a wine distiller to high administrative post?

निम्नलिखित में से किसने अजीज खुमार को उच्च प्रशासनिक पद पर वाइन डिस्टिलर नियुक्त किया?

1. Alauddin Khalji
2. Muhammad Tughluq
3. Jalaluddin Khalji
4. Firuz Shah Tughluq

Barber - Firuz Hajjam
Cook - Manka Tabbakh
2 Gardener - Ladha and Pira

Ziauddin Barani criticised

Book - Tarikh-i-Firoz Shahi



16

The Kolar Gold Fields is located in which state of India?

1. Karnataka
2. Jharkhand
3. Kerala
4. Andhra Pradesh

Hutti mines, Golconda mines (Kohinoor found)

1st found by Kakatiyas

- Panna Mines - MP | Famous for diamonds
- Panchpatmali - Odisha | Aluminium
- Koraput - Odisha
- Keonjhar & Mayurbhanj - Odisha | Iron
- Odisha - Top producer of Aluminium
- Kudremukh mines - Karnataka | Iron

P
A
R
M
A
R

S
S
C

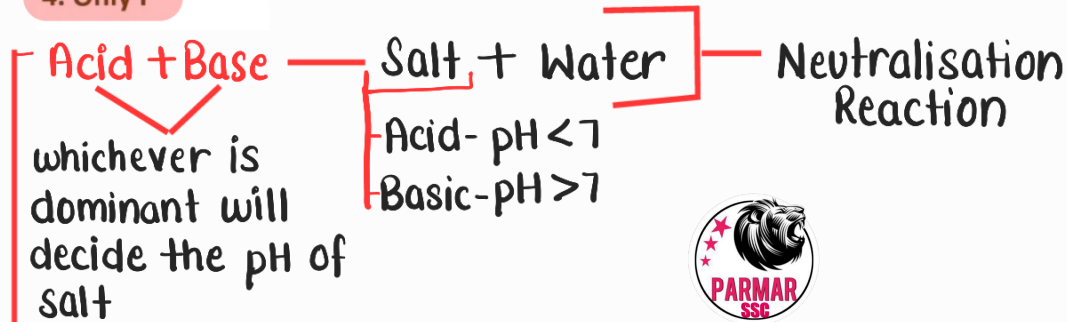
- Lohardaga - Jharkhand | Iron
- Jaduguda - Jharkhand | Uranium
- Jharia, Bokaro, Dhanbad - Jharkhand
- Sonbhadra - UP | Gold
- Nellore - Andhra Pradesh | Mica
- India - Top producer of Mica

17

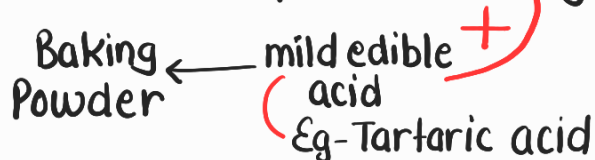
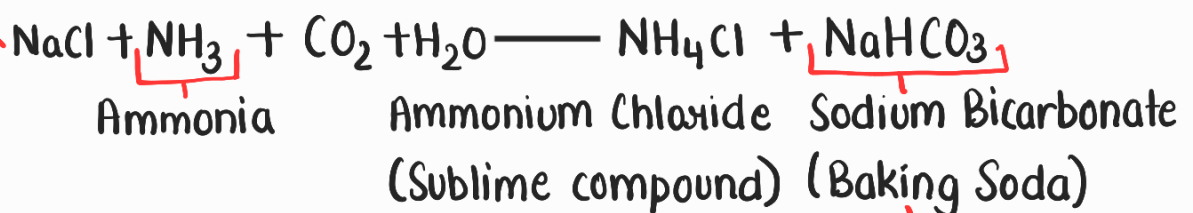
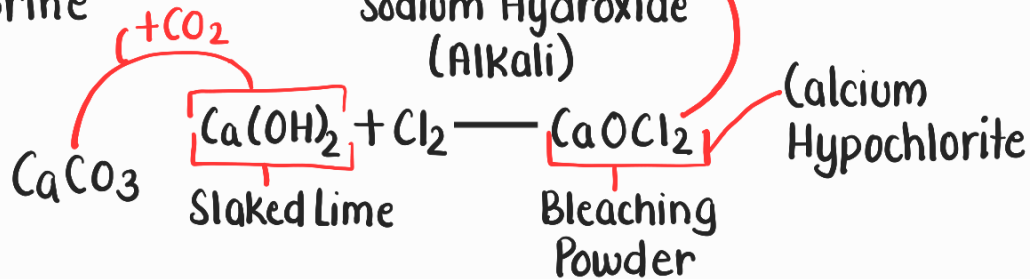
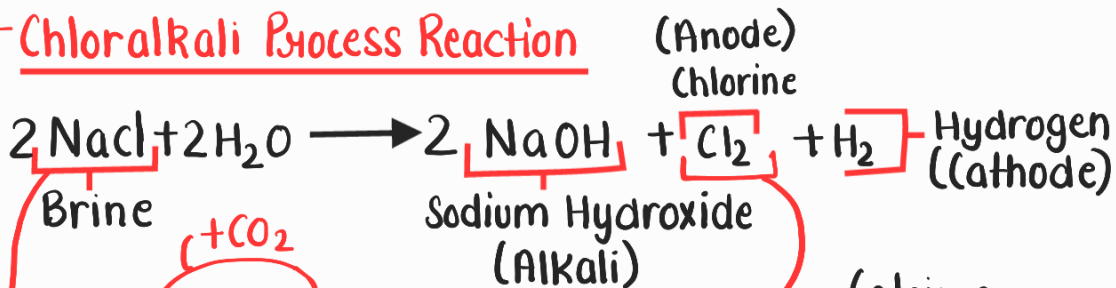
Which of the following statements is/are correct?

- Salts of a strong acid and weak base are acidic with pH value less than 7.
- When electricity is passed through an aqueous solution of sodium chloride (called brine), it decomposes to form sodium oxide. ✗

- Neither I nor II
- Both I and II
- Only II
- Only I



Chloralkali Process Reaction



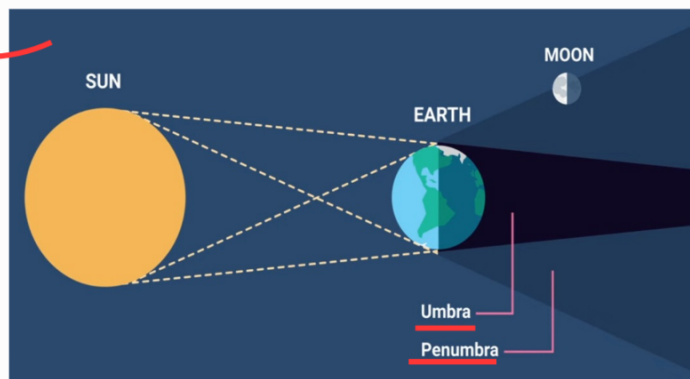
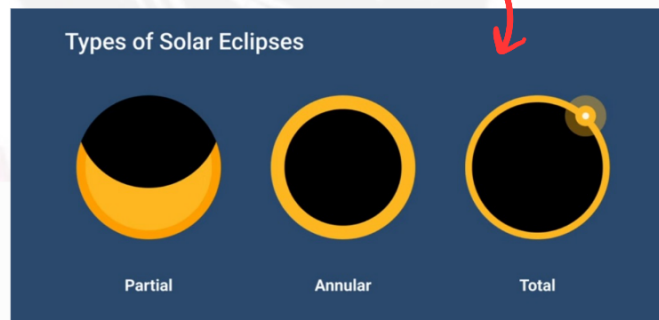
- Baking Soda**- Used in Soda-acid fire extinguisher, as antacid (Eg- Milk of Magnesia)
- CaCO_3** -Calcium Carbonate — used for painting walls marble / Limestone/ Chalk
- $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$** - Washing soda — to remove hardness of water
- Bleaching Powder**- Used for purification of water, bleaching in cotton and wood industries

18

Which among the following is not a type of solar eclipse?

निम्नलिखित में से कौन सा सूर्य ग्रहण का प्रकार नहीं है?

1. Annular
2. Partial
3. Penumbral
4. Total



19

Which of the following is NOT a non-contact force?

निम्नलिखित में से कौन-सा असंपर्क बल नहीं है?

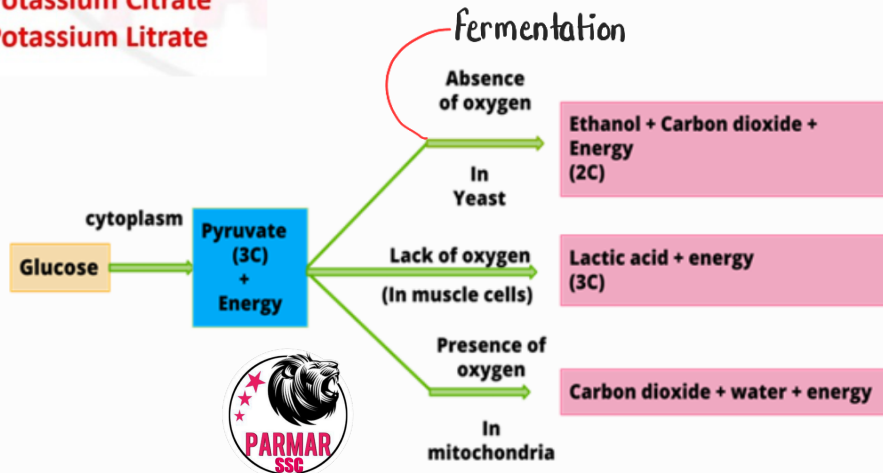
1. Gravitational $F = G \frac{m_1 m_2}{r^2}$
2. Electrostatic $F = k \frac{q_1 q_2}{r^2}$
3. Friction $\frac{1}{4\pi\epsilon_0}$
4. Magnetic

— Ramsay Rayleigh - scattering experiment

20

Which Potassium salt obtained as a by-product of alcohol Manufacturing during the fermentation process ?

- a) Potassium Nitrate — Salt peter
- b) Potassium Bitrate — Potassium acid tartrate
- c) Potassium Citrate
- d) Potassium Ltrate



— Sodium Nitrate — used as preservative (Salt peter)

CA

Q. Which sports has not been included in LA Olympics 2028

2032 — Brisbane, Australia

- a) Flag Football ✓
 - b) Cricket ✓ — T20 format
 - c) Lacrosse ✓
 - d) Chess
4. Baseball/Softball ✓
5. Squash ✓

CA

Q. Which team won Irani Cup 2023 ?

Cricket

- a) Services
- b) Rest Of India — defeated
- c) Saurashtra
- d) Madhya Pradesh

CA

Q. Who won Balld'Or Award

- a) Cristiano Ronaldo
- b) Lionnel Messi — 8th time
- c) David Beckham — England Footballer
- d) Sunil Chhetri — Indian Footballer (retired)

Q

In India, Silver fir, junipers, pines and birches are the common trees of which of the following forests?

1. Tropical Evergreen Forests
2. Tropical Deciduous Forests
3. Mangrove Forests
4. Montane Forests

Phylum — Gymnosperm

Q

— Queen of Thumri — Girija Devi