

SSC GK

TTO SERIES

Ninja Techniques to solve **GK Questions**

armar Sir

Lecture: - 11



For Notes Join Telegram:



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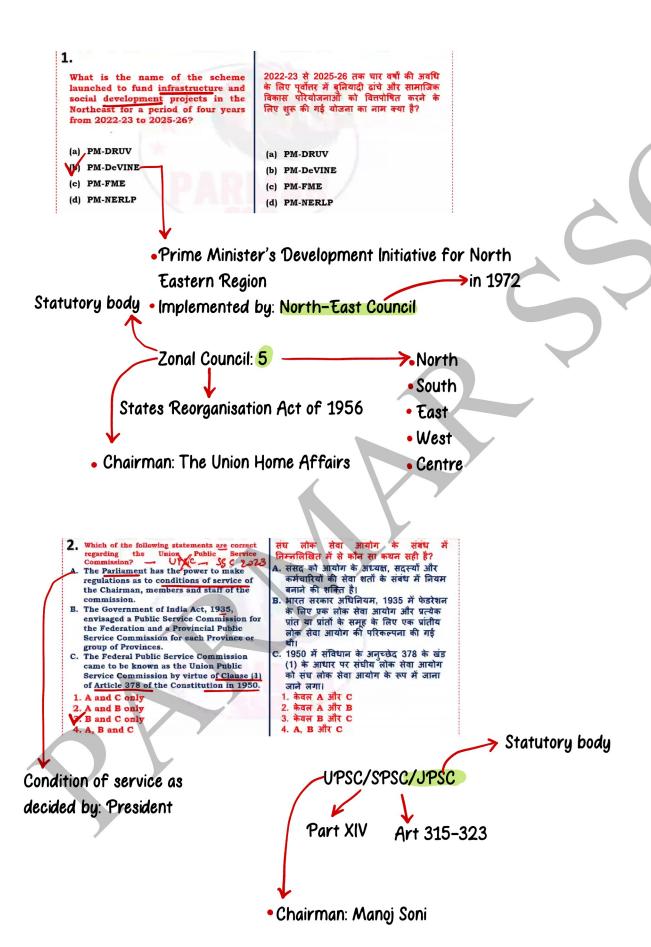


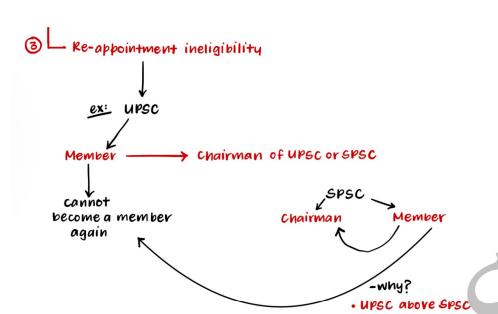
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Click on the icon.











The question consists of two statements, namely, Assertion
(A) and Reason (R). Use them to choose the correct
alternative.

Assertion (A) During the British rule, India's exports exceeded the imports leading to surplus of balance of trade.

Reason (R): The surplus of balance of trade was used for growth and development of India.

V. A is true and R is false

- 2. Both A and R are true, and R is the correct explanation of A
- 3. Both A and R are true, but R is not the correct explanation of A
- 4. A is false but R is true

- Britishers exported: Raw materials Imported: Finished products
 - Export > Import = Surplus

Drain of wealth: Dadabhai Naroji

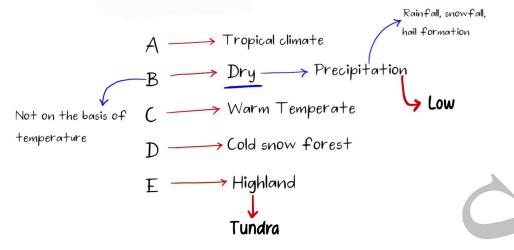
The grand old man of India



Himachal Pradesh



Koppen Classification

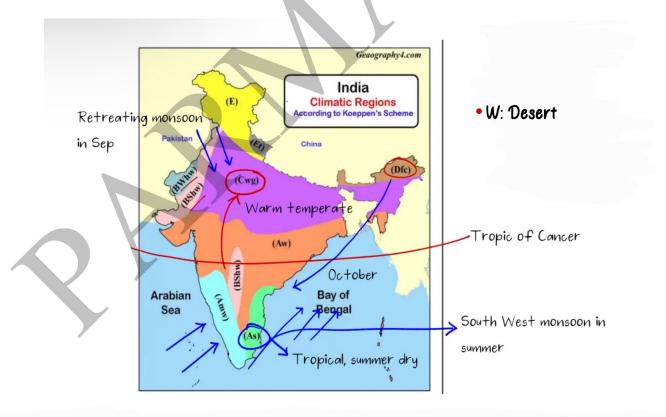


w - Winter dry

s - Summer dry

m - Monsoon

f - Full barish, heavy precipitation









Formed by Manindra Nath Roy, 1920 in Tashkent, Uzbekistan

Later formalised in 1925, Kanpur

→ 1934: Demand for Constituent

Assembly

1940: Britishers accepted it in August Offer

Rejected and launched Individual Satyagrah

- •1st by: Acharya Vinoba Bhave
- 2nd by J L Nehru

- 6. Which one among the following statements pertaining to the President's term of office is not correct?
- (a) The President holds office for a term of five years.
- (b) The President may be removed from the effice by way of impeachment.
- The President may resign before the expiration of his/her term by writing to the Speaker of the Lok Sabha.
- (d) The President shall, not withstanding the expiration of his/her term, continue to hold office until his/her successor enters upon his/her office.

राष्ट्रपति के पद की अवधि से संबंधित निम्नलिखित में से कौन-सा कथन सही नहीं है?

- (a) राष्ट्रपति के पद की अवधि पाँच वर्ष है।
- (b) राष्ट्रपति को महाभियोग द्वारा पद से हटाया जा सकता है।
- (c) राष्ट्रपति अपने पद की अवधि समाप्त होने के पूर्व लोक सभा अध्यक्ष को लिखित त्यागपत्र सकता है।
- (d) राष्ट्रपति अपने पद की अविधि समाप्त हो जाने पर भी तब तक पद धारण करता रहेगा, जब तक उसका उत्तराधिकारी अपना पद ग्रहण नहीं कर लेता है।

 $\label{lem:council of Ministers max strength:} \textbf{Council of Ministers max strength:}$

15% of lower house (LA/LS)

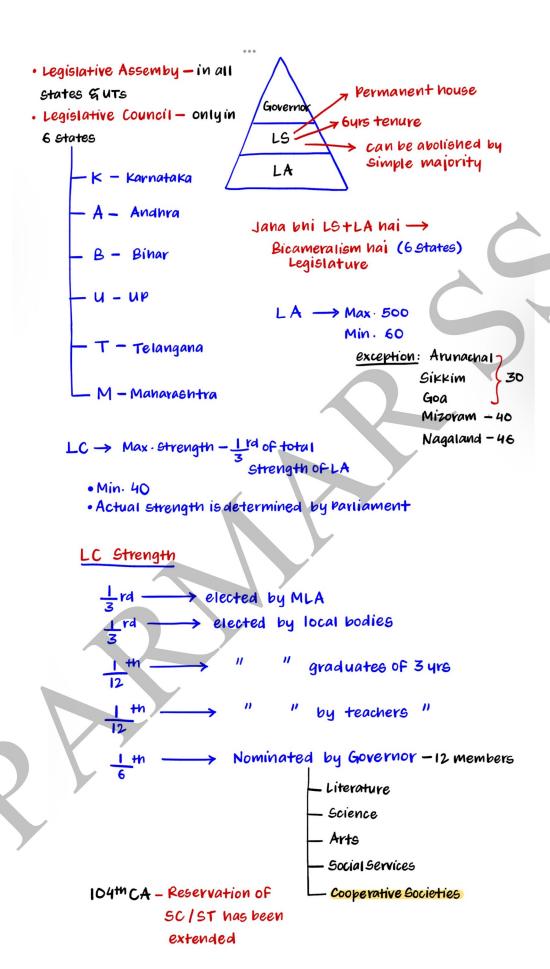
91st CA

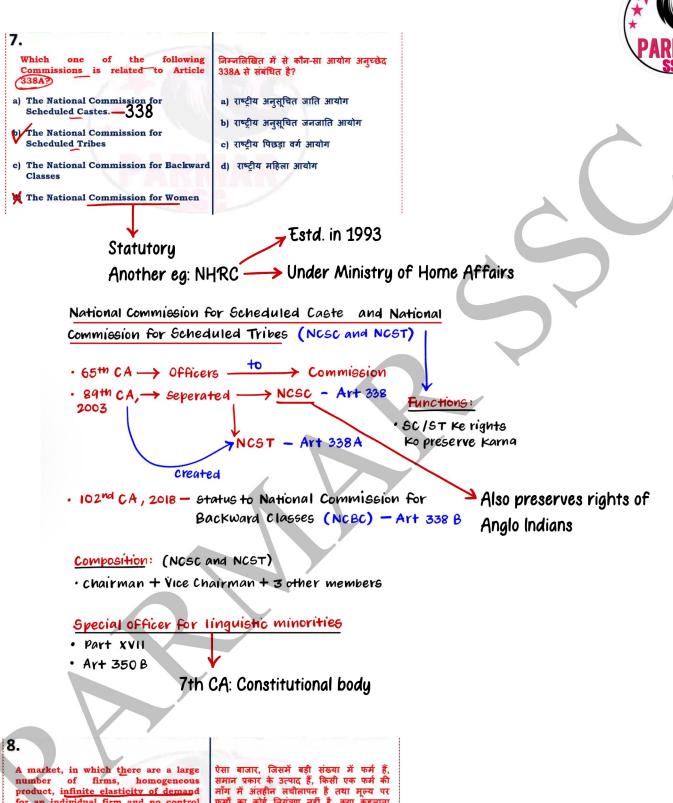
To Vice President

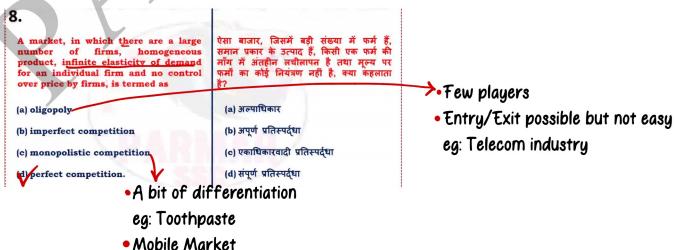
All MPs

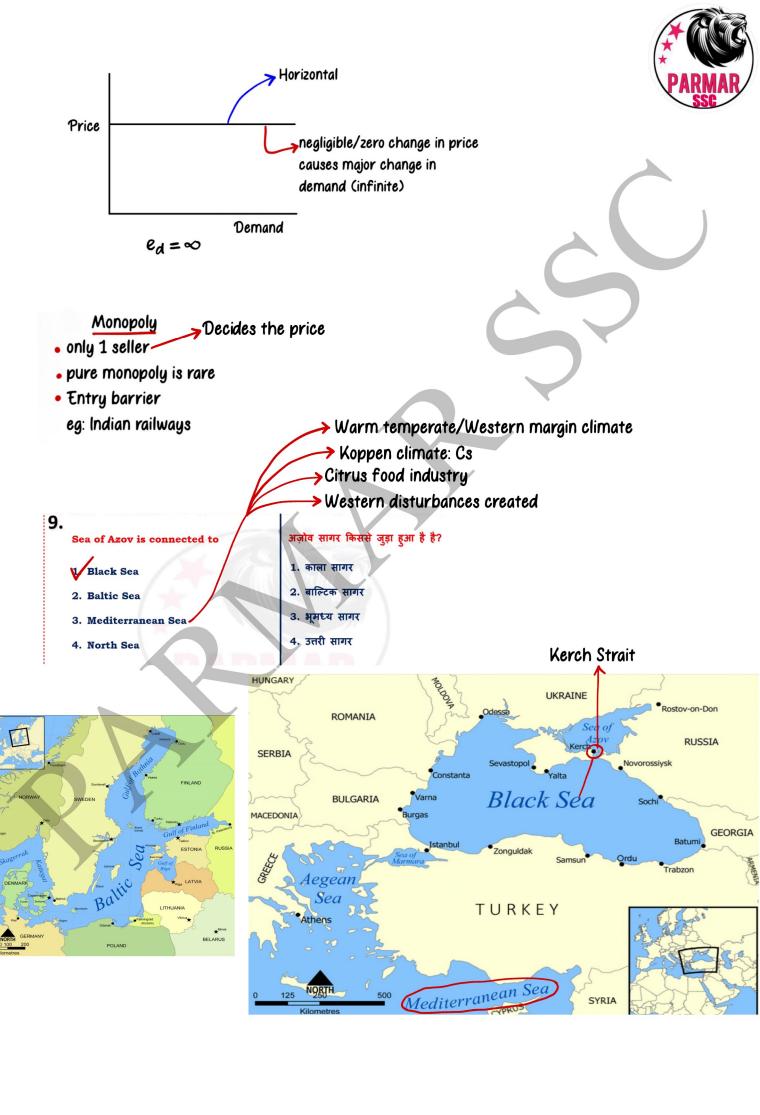
•Disqualification on grounds of defection: Schedule 10th

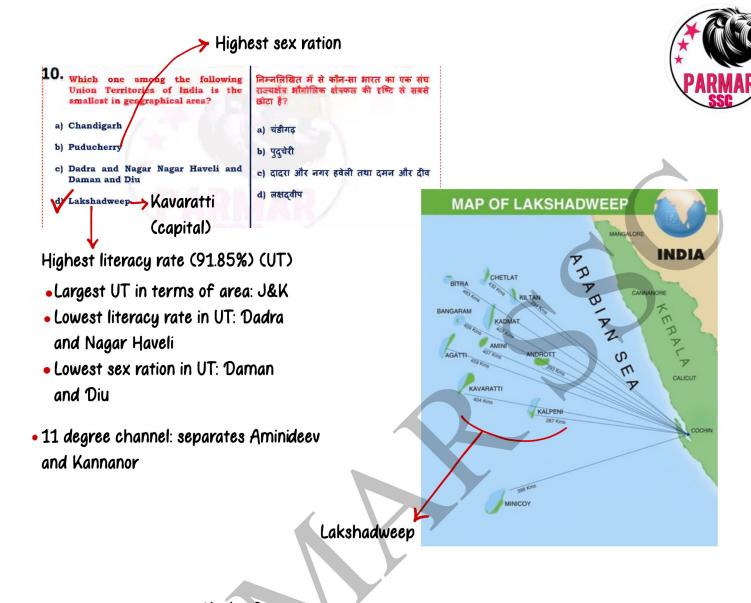
52nd CA

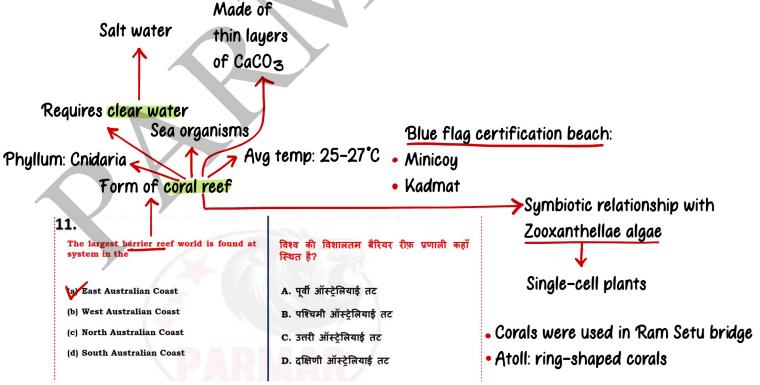


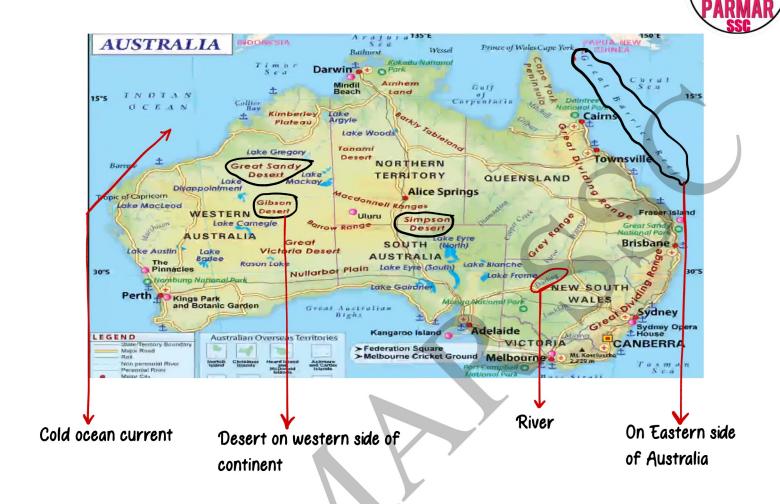




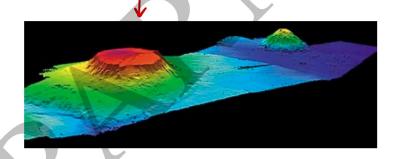




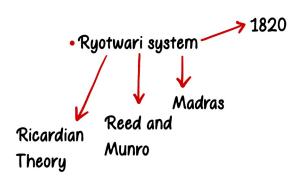






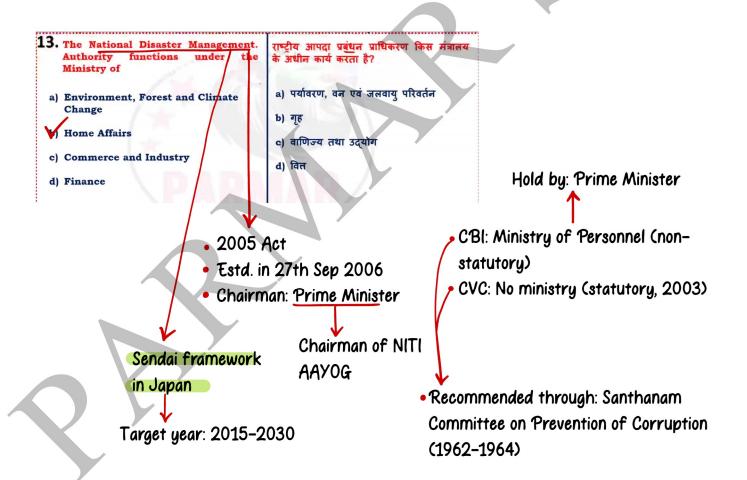








Mahalwari system → 1822
 Holt Mackenzie
 North-West Frontier Province



14.

Which one among the following is not a character of a secular State?

- (a) It refuses theocracy
- (b) It separates religion from the State.
- A State in order to be secular must be democratic.
- (d) It must prevent religious conflict and promote religious harmony.

निम्नलिखित में से कौन-सा धर्मनिरपेक्ष राष्ट्र का लक्षण नहीं है?

- a) यह धर्मतंत्र को अस्वीकार करता है।
- b) यह धर्म को राष्ट्र से अलग करता है।
- c) एक राष्ट्र को धर्मनिरपेक्ष होने के लिए अवश्य ही लोकतांत्रिक होना चाहिए।
- d) इसको अवश्य ही धार्मिक संघर्ष रोकना चाहिए और धार्मिक समन्वय बढ़ाना चाहिए।

Priest ruling

Extreme statement

15.

A special address by the Governor refers. to the address delivered by the Governor

- (a) when President's Rule is called for
- (b) when national emergency necessitates dissolution of Legislative Assembly
- of at the commencement of the first session after general election and at the first session of each year
- (d) whenever he/she has concluded that such is necessary

Max no: in Manipur

राज्यपाल का विशेष अभिभाषण, राज्यपाल दवारा किस अवसर पर दिये जाने वाले अभिभाषण से संदर्भित है?

- (a) जब राष्ट्रपति शासन की आवश्यकता हो
- (b) जब राष्ट्रीय आपात स्थिति में विधान सभा का भंग आवश्यक हो
- (c) आम चुनाव के बाद बुलाये गये प्रथम सत्र के आरम्भ में तथा प्रत्येक वर्ष के प्रथम सत्र पर
- (d) जब वह इसकी आवश्यकता समझे

Motion of Thanks

Art 87

President

Governor

- 1st session after each general election
- At the beginning of each financial year

16. Which following one the statements in relation to Panchayats is not correct?

- (a) Legislature of a State may, by law, make provisions with respect to the composition of Panchayats.
- (b) Panchayat area means the territorial area of a Panchayat.
- (c) Gram Sabha includes all persons in the electoral rolls of village within a Panchayat.
- Reservation of seats for SCs and STS has nothing to do with proportion of their population.

निम्नलिखित में से पंचायतों से संबंधित कौन-सा कथन सही नहीं है?

- (a) किसी राज्य का विधानमण्डल पंचायतों की संरचना के संदर्भ में, विधि द्वारा, उपबंध कर सकता है।
- (b) पंचायत क्षेत्र का अर्थ है पंचायत का प्रादेशिक क्षेत्र।
- (c) ग्राम सभा में पंचायत के अंतर्गत गाँव की मतदाता सूची में आने वाले सभी व्यक्ति सम्मिलिन होते हैं।
- (d) अनुस्चित जाति तथा अनुस्चित जनजाति के लिए स्थान (सीट) का आरक्षण जनसंख्या में उनके अनुपात से बिलकुल संबंधित नहीं है।

Also to women: 1/3rd





































• For all posts: Direct election

Chairman: Indirect election

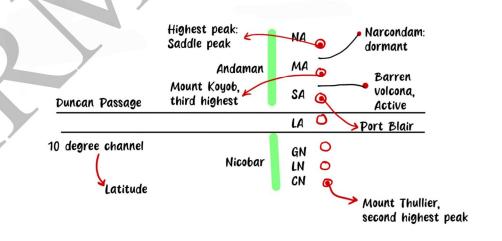
• In village level for chairman: Direct/Indirect as decided by State Legislature

• PESA Act: 1996

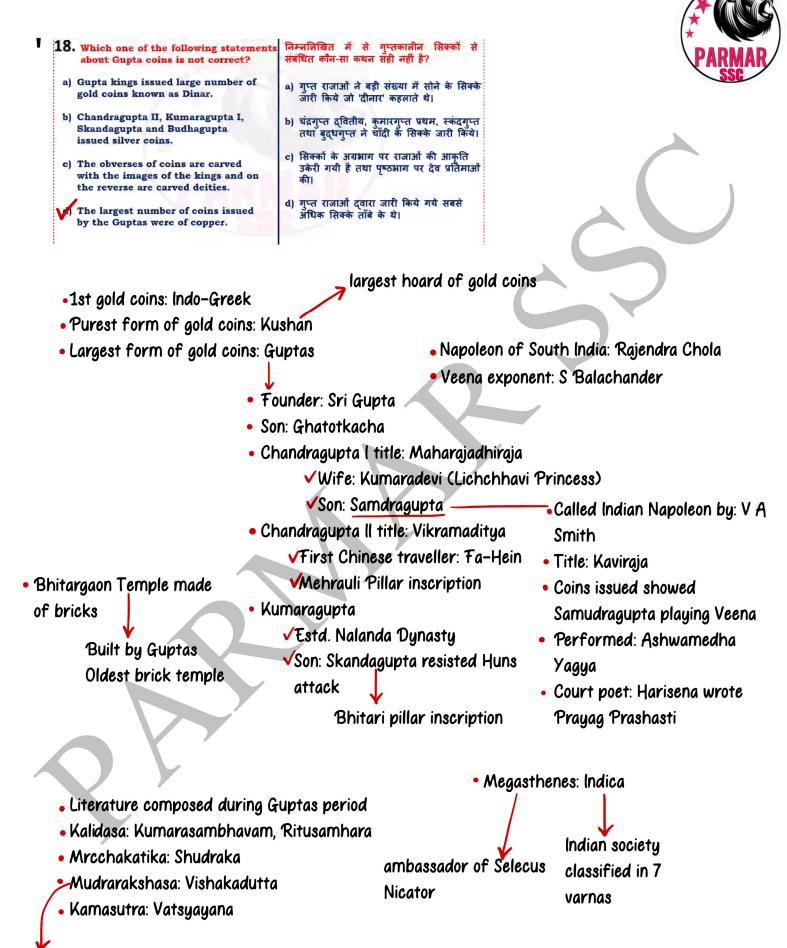


 Active volcano on India: Barren Island in Andaman Sea (Middle-Eastern side)

· Narcondom: in North Andaman, Eastern side



- Highest volcanic mountain: Ojos del Salado (Chile and Argentina border)
- Lighthouse of Mediterranean: Mt. Stromboli (Tyrrhenian Sea, North coast of Sicily, Italy)



Mauryas were mentioned as from Kuleen vansha







of Swaraj for the 1st time

• DPSP origin trace

from Karachi

- →•1929: Swaraj as goal declared
 - · Launched Civil Disobedience Movement
 - 26th Jan 1930: 1st Independence Day
- Biography of Bhagat Singh: Why I am an Atheist

Which of the following terms were added to the Preamble of the Constitution of India by the Constitutional Amendment,

Session

- 1. Socialist
- 2. Secular

Sardar Patel

- 3. Integrity
- 4. Fraternity

Select the correct answer using the code

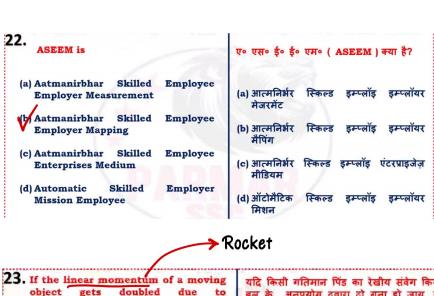
- a) 1 and 2 only 1, 2 and 3 c) 2 and 4
- d) 1, 3 and 4

भारत के संविधान की उद्देशिका में संविधान संशोधन, 1976 द्वारा निम्नलिखित में से कौन-से शब्द जोड़े गये ?

- 1. समाजवादी
- 2. पंथनिरपेक्ष
- 3. सत्य-निष्ठा
- 4. बंध्ता

नीचे दिये गये कूट का प्रयोग कर सही उत्तर चुनिए ।

- a) केवल 1 और 2
- b) 1, 2 और 3
- c) 2 और 4
- d) 1, 3 और 4

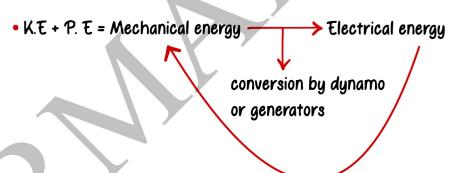




- gets doubled object to application of a force, then its kinetic energy will
 - 1) remain same
 - increase by four times
 - 3) increase by two times
 - 4) increase by eight times

- यदि किसी गतिमान पिंड का रेखीय संवेग किसी बल के अनुप्रयोग द्वारा दो गुना हो जाय, तो उसकी गतिज ऊर्जा
- 1) समान रहेगी
- 2) चार गुना बढ़ जायेगी
- 3) दो गुना बढ़ जायेगी
- 4) आठ गुना बढ़ जायेगी

Motor





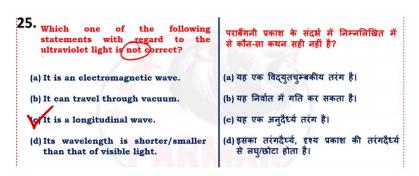
- (a) remain same
- (b) increase by two times
- (c) decrease by two times.
- decrease by four times

- यदि दो पिंडों के मध्य दूरी को दो गुना बढ़ा दिया जाय, तो उनके बीच गुरुत्वीय बल
- (a) समान रहेगा
- (b) दो गुना बढ़ जायेगा
- (c) दो गुना घट जायेगा
- (d) चार गुना घट जायेगा

$$F = \begin{array}{c} q_1 q_2 \\ K \overline{r^2} \end{array}$$
Cons

Force and distance: Inverse square relation

Constant: 6.67 x 10 Nm²/kg² By Henry Cavendish

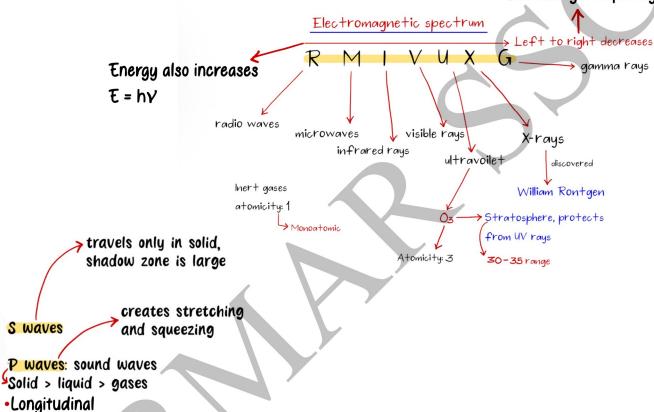


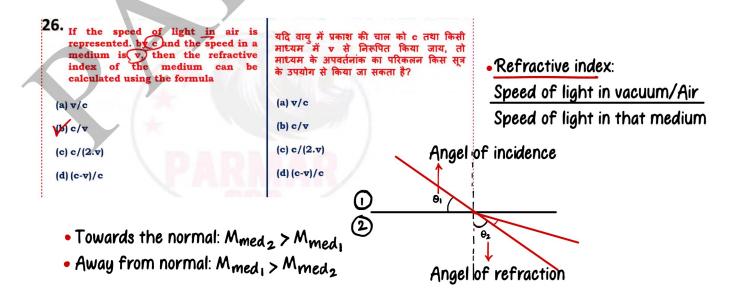
•Detected first in Seismograph

Creates Crest and trough



Decreasing wavelength Increasing Frequency





Snell's Law: law of refraction

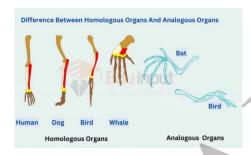
$$\mu$$
Sin $\theta_1 = \mu$ Sin θ_2

$$0 = \mu$$
Sin θ_2

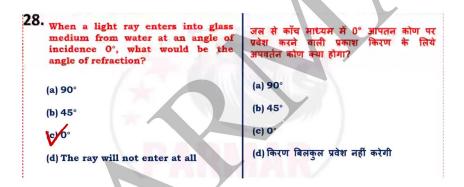


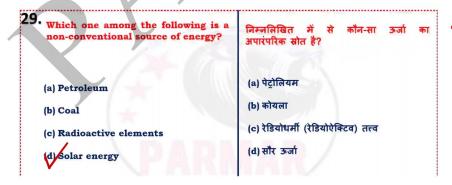


· Homologous organs: look similar but functions are different



· Analogous organs: look different but functions are similar





International Solar Alliance
 headequator: Gurugram, Haryana

Narendra Modi and the French President Francois Hollande jointly laid the foundation

Renewable Energy

Solar

Tidal

Wind

Biogas

Non-conventional

Non-Renewable

Coal

Nuclear energy

Oil

Natural gas

Conventional

 In human beings, the chromosomes that determine birth of a normal female child are

one X chromosome from mother and one X chromosome from father

- (b) one X chromosome from mother and one Y chromosome from father
- (c) two X chromosomes from mother and one X chromosome from father
- (d) one X chromosome and one Y chromosome from father and one X chromosome from mother

गुणसूत्र (क्रोमोसोम), जो मानवों में किसी स्वस्थ मादा शिशु के जन्म को निर्धारित करते हैं, हैं

- (a) माँ से एक X क्रोमोसोम तथा पिता से एक X क्रोमोसोम
- (b) माँ से एक X क्रोमोसोम तथा पिता से एक Y
- (c) माँ से दो X क्रोमोसोम तथा पिता से एक X क्रोमोसोम
- (d) पिता से एक X क्रोमोसोम और एक X क्रोमोसोम तथा माँ से एक X क्रोमोसोम

Sex Determination

- · Male/Female
- Chromosome: 23 pairs (total: 46)

1 pair (sex chromosome)

22 pairs (autosomal chromosomes)

Male

XX

Female

Sperm + Ova = Zygote

 Turner syndrome: Female is missing one X chromosome (not a Mendelian disorder)

 Down syndrome: due to extra chromosome (not a Mendelian disorder)

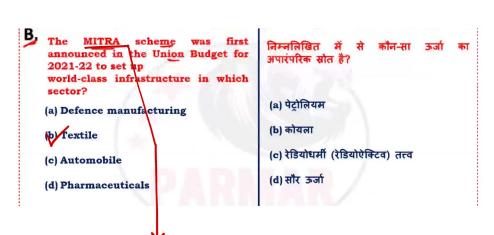
Male chromosome determines the sex of a foetus

Father of genetics: Gregor Mendel

Sickle cell anaemia, Colour blindness, Thalassemia

Target year for elimination (India): 2047

Experiment in pea plant (Pisum sativum)





Pradhan Mantri Mega Integrated Textile Region and Apparal

- Parks setup: 2026-27
- Based on Public Private Partnership Model
- High Foreign Direct Investment

•Highest refractive index: diamond