



SSC GK

PYQs Class Notes

PART-4

Parmar Sir

Lecture:- 26

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LECTURE-26

1

1857 Revolt started from which place ?

1857 का विद्रोह किस स्थान से प्रारंभ हुआ ?

1. Kanpur
2. Lucknow
3. Meerut
4. Delhi



Revolt of 1857 (Sepoy Mutiny)

- Immediate Cause - Use of greased cartridges
 - Pork (pig) and beef (cow)
- Mangal Pandey - Hanged on 8th April 1857
 - 34th Bengal Native infantry
- started on 10th May 1857
- spread in different parts (confined to North India)
- Sepoy first marched towards Delhi - seat of Mughal emperor
- Jhansi - Rani Laxmibai (Manikarnika) - Manikarnika Ghat in Bithur, Kanpur
 - Doctrine of Lapse - Jhansi (1853), Nagpur (1854)
 - Rani Laxmibai revolted because of this reason
 - Suppressed by Hugh Rose - praised Laxmibai
- Delhi - Bahadur Shah Zafar II (Mughal ruler)
 - General Bhakht Khan led from Delhi
 - Suppressed by - John Nicholson
- Kanpur - Nana Saheb (adopted Son of Peshwa)
 - Tantia Tope after him
 - Suppressed by - Colin Campbell
- Lucknow - Begum Hazrat Mahal
 - Suppressed by Henry Lawrence
- Faizabad - Maulvi Ahmadullah
- Bareilly - Khan Bahadur Khan (Rohilla)



- 1st War of Independence – VD Savarkar
- Govt Act 1858 passed in response to revolt of 1857
 - EIC Abolished
 - Govt → Viceroy (1st – Canning)

2

Which Article of the Indian Constitution states that “There shall be a High Court for each state”?

भारतीय संविधान के किस अनुच्छेद में कहा गया है कि “प्रत्येक राज्य के लिए एक उच्च न्यायालय होगा”?

1. Article 275
2. Article 245
3. Article 214
4. Article 125

Part – VI
Article – 214-231



4. Article 125 — Salary & Allowances of SC Judges

- Art. 215 – HC to be a court of record → Article 129 for SC
 - Court can punish for contempt of court
- Art. 216 – Every HC shall have a chief justice and other judges as President may specify
- Art. 217 – Appointment and conditions of Office (HC)
 - by President | Oath – Governor
 - Qualification – 10 yrs as advocate in HC or hold other judicial office for 10 years
 - Tenure – 62 years
 - Removal – Same as SC Judge – Resolution passed by Parliament with special majority in LS and RS | Grounds for Removal – Proved misbehavior or incapacity
 - Same for CAG, CEC



3

The Indian National Congress formally took up the Swadeshi call in its Benaras session of 1905 under the presidency of _____.

1. Jawahar Lal Nehru
2. Rajendra Prasad
3. Motilal Nehru — Nehru Report (1928)
4. Gopal Krishna Gokhale

Political Guru of Gandhiji
Servants of India Society (1905)



- **Chitranjan Das** - Political guru of Subhash Chandra Bose
- **INC Session 1906** - Presided by Dadabhai Naoroji (Calcutta)

- 'Swaraj' as a Goal accepted
- 4 Resolutions adopted - Swaraj, Swadeshi, Boycott, National Education

- **Dadabhai Naoroji** - Grand old man of India



- Book - 'Poverty and Unbritish rule in India'
- Newspaper - 'Rast Gofar' (Parsi Community)
- founded Rehnumai Mazdayan sabha with other members
- 1st Indian British member of Parliament
- Discussed 'Drain of Wealth' theory in his book
- Gave Poverty line
- Presided 3 Sessions of INC - 1886, 1893, 1906

- **INC Session 1929** - Lahore Session



- Presided By - J.L. Nehru
- Resolution of Poorna Swaraj passed

4

Which of the following books is written by Rabindranath Tagore?

निम्नलिखित में से कौन सी पुस्तक रवींद्रनाथ टैगोर द्वारा लिखी गई है?

1. Non-Violent Resistance
2. The Essential Writings
3. The Way to God
4. Nationalism

Novel - 'Gora'

Nobel Prize - 1913

5

Which of the following statements is NOT correct about River Ganga?

गंगा नदी के बारे में निम्नलिखित में से कौन सा कथन सही नहीं है?

1. River Ganga flows from the Himalayas all the way to the Bay of Bengal.
2. River Ganga in India is more than 2500 km long and is the most populated river basin in the world.
3. River Ganga and its river basin support lots of wonderful wildlife, particularly river dolphins, otters, freshwater turtles, and gharials.
4. The water level of River Ganga never depends on monsoon and climatic condition of the Himalaya.

Extreme Statement



-Largest Artificial Lake- Govind Vallabh Pant Sagar Lake (Rihand)

-2nd largest Artificial Lake- Dhebar Lake (Rajasthan)

also known as Jaisamand lake

6

Which of the following statements about privatisation is FALSE?

1. There was an increase in the cases of disinvestment after the economic reforms of 1991 as compared to the pre-1991 period.
2. Improved performance is one of the advantages of privatisation.
3. Maruti Udyog Limited was a public sector enterprise before the 1991 economic reforms.
4. There is no possibility of exploitation of monopoly power by private companies after privatisation. **Extreme statement**



7

In which year was the Marris College of Music established in India?

भारत में मैरिस कॉलेज ऑफ म्यूजिक की स्थापना किस वर्ष हुई थी?

1. 1926
2. 1901
3. 1919
4. 1922

Pt Vishnu Narayan Bhatkhande
(imp. figure in Hindustani Classical music)
classified rags into 10 thatas

8

Which of the following is a part of apical meristem found in roots.

निम्नलिखित में से कौन जड़ों में पाया जाने वाला शीर्षस्थ विभज्योतक का भाग है।

- A. Leaf primordium
- B. Protoderm — **Tips of roots**
- C. Axillary bud
- D. Differentiating vascular tissue

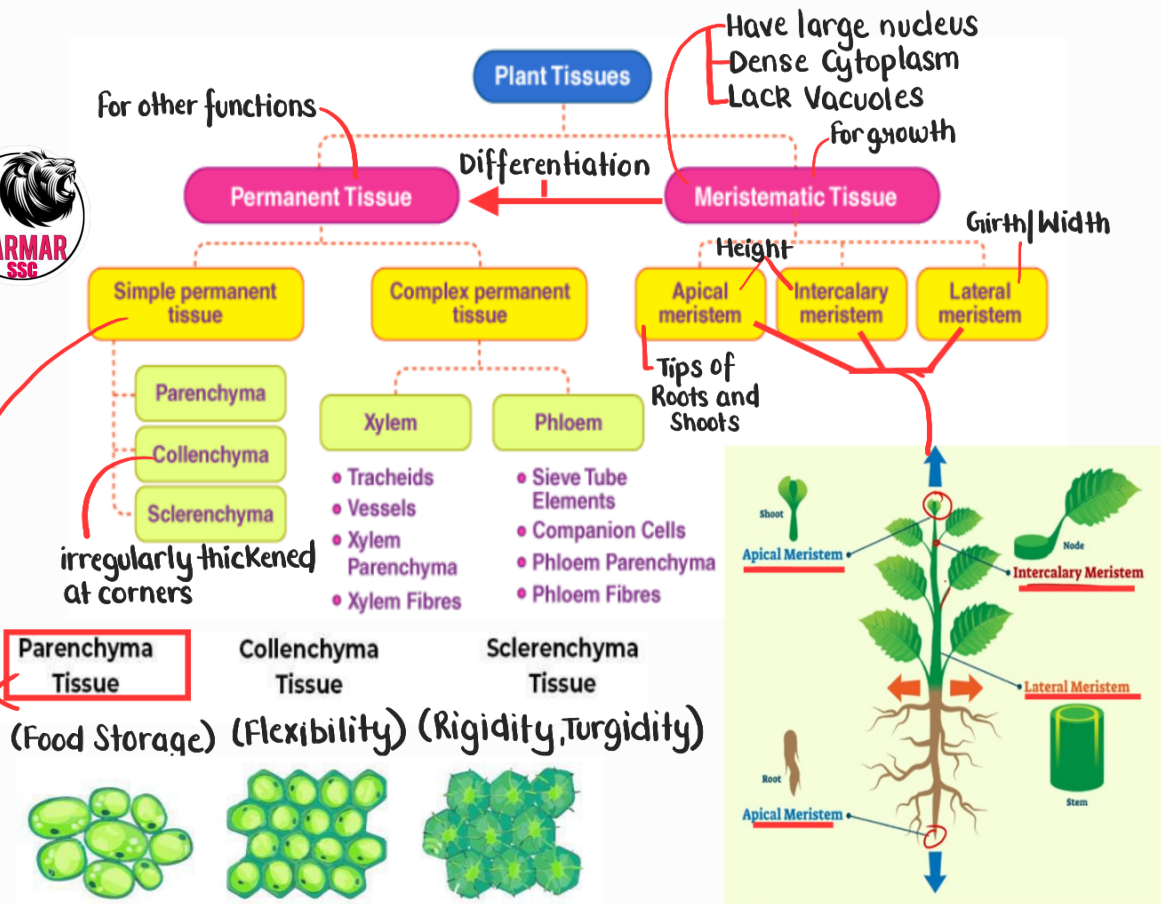
Histology - Study of Tissue

Animal
Tissues

Plant
Tissues



-Root hair- has epidermal cells (increases surface area for absorption)



2 Types

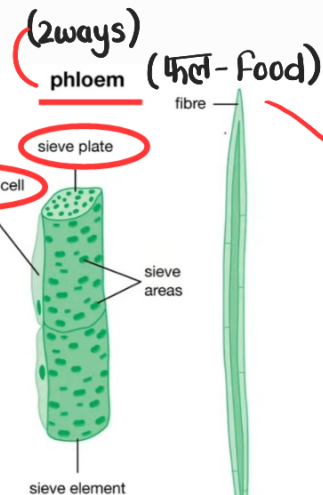
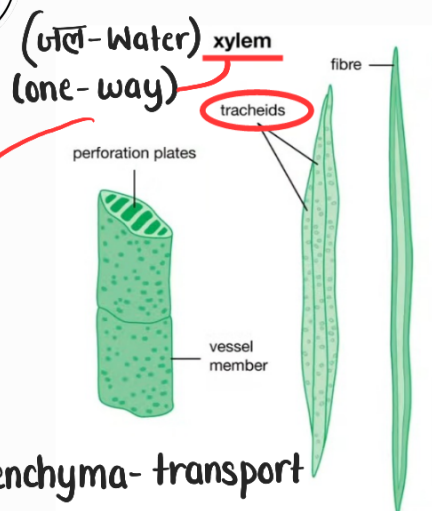
Chlorenchyma - (make food)

Chlorophyll

Aerenchyma - (provides airy space)
Eg- in Lotus



Husk of Coconut
Sclerenchyma (Rigidity)



- All Xylem types are dead except Xylem Parenchyma
- All Phloem types are living except Phloem Fibre

9

Which of the following dynasties' genealogy was found in the Bijolia inscription?

निम्नलिखित में से किस राजवंश की वंशावली बिजोलिया शिलालेख में पाई गई थी?

Khajuraho Group of Temples

In Rajasthan

1. Chandela
2. Chahamana
3. Parmara
4. Gahadavala

Also known as Prithvi Raj III

1st Battle of Tarain - 1191 AD Prithviraj Chauhan won

2nd Battle of Tarain - 1192 AD Prithviraj Chauhan lost

10

Which of the following Articles was amended by The Constitution Fiftieth Amendment Act, 1984?

संविधान के पचासवें संशोधन अधिनियम, 1984 द्वारा निम्नलिखित में से किस अनुच्छेद में संशोधन किया गया?

1. Article 78
2. Article 56
3. Article 99
4. Article 33

Operation Blue Star by Indira Gandhi

NSG formed in 1986

Sports Authority of India established

empowers Parliament to make laws that restrict the application of fundamental rights for paramilitary, Indian army, intelligence organisation, Defence forces

+ Telecommunication system → added by 50th CA (1984)

11

'Chang dance' is popular in the state of:

'चांग नृत्य' किस राज्य में लोकप्रिय है:

1. Tripura
2. Goa
3. Bihar
4. Rajasthan

Dhamal/Dhuff Dance

- **Tripura** - Bihu, Garai, Cheraw, Hojagiri, Maimata

- **Goa** - Fugdi, Dekhni, Kunbi, Dhangar, Ghode Modni (Martial), Dhalo, Mando

- **Rajasthan** - Kalbelia (Snake Dance/Gulabo Sapera), Ghoomar — (Bhil Tribe - helped Maharana Pratap in Battle of Haldighati-1576)

12

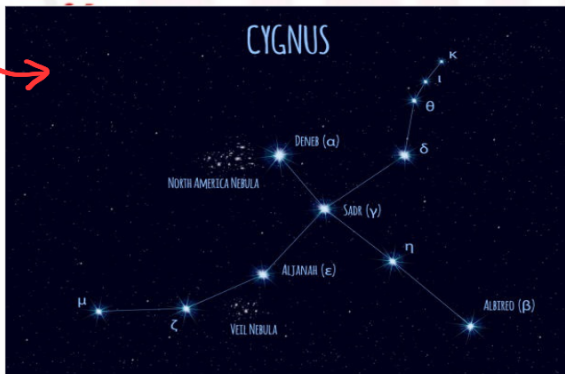
A distinctive cross-shaped constellation best seen in the northern hemisphere during the summer and fall months around September is: → group of stars

उत्तरी गोलार्ध में ग्रीष्म और पतझड़ के महीनों (सितंबर के आसपास) के दौरान सबसे अधिक दिखाई देने वाला विशिष्ट क्रॉस-आकार का तारामंडल है:

1. Ursa Major — 3rd largest
2. Pegasus
3. Cygnus — Cross-shaped
4. Cassiopeia

1st largest — Hydra
2nd largest — Virgo

Ursa Major (Great Bear)



Cassiopeia

— Brightest Star in Orion — Rigel

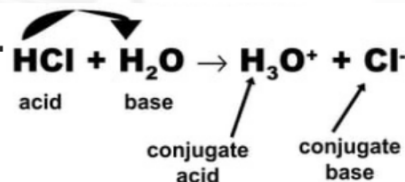
13

In which year did Johannes Nicolaus Bronsted and Thomas Martin Lowry propose the fundamental concept of acids and bases?

जोहान्स निकोलस ब्रॉन्स्टेड और थॉमस मार्टिन लोरी ने किस वर्ष अम्ल और क्षार की मौलिक अवधारणा का प्रस्ताव रखा था?

1. 1928
2. 1925
3. 1921
4. 1923

- Acids are proton (H^+) donors.
- Bases are proton (H^+) acceptors.



14

In which of the following states are the Pai songs accompanied by the Saria dance sung during the rain festivals?

निम्नलिखित में से किस राज्य में वर्षा ऋतु के दौरान सरिया नृत्य के साथ पाई गीत गाए जाते हैं?

1. Uttar Pradesh
2. Tripura
3. Sikkim
4. Madhya Pradesh

UP Dance — Kajari



15

In hockey, what is the meaning if the umpire signals by pointing both arms horizontally toward the centre of the field?

हॉकी में, यदि अंपायर दोनों भुजाओं को क्षैतिज रूप से मैदान के केंद्र की ओर इंगित करके संकेत करता है, तो इसका क्या अर्थ है?

1. Goal scored
2. Ball out of play
3. Timing
4. Bully

1. गोल किया
2. गेंद खेल से बाहर
3. समय
4. बुली

towards goal — Penalty Corner

Ice Hockey — 6 players

— Hockey — 60 min game (70 mins before 2019) | 4 halves of 15 mins each



- Green Card- Warning
- Yellow Card- Suspension for 5 minutes
- Red Card- Disqualified

recently given to Amit Rohidas (Paris Olympics)



Badminton

- Yellow- Warning for misconduct
- Red- foul for misconduct (after 2 yellow cards)
- Black- Disqualified

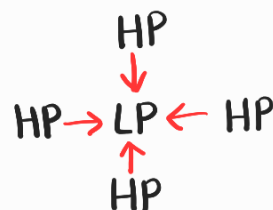
16

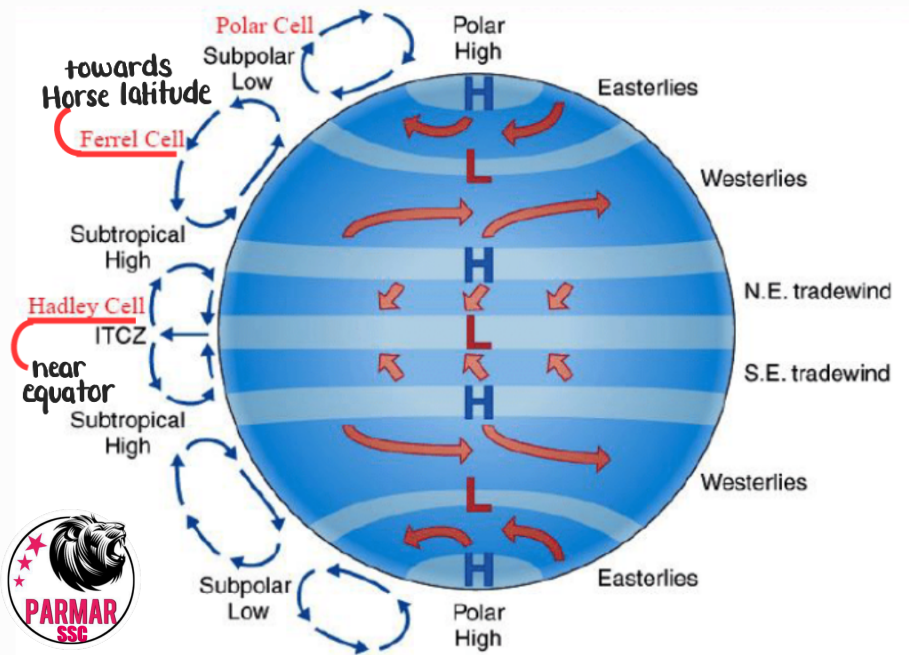
A cyclone is known by different names in different parts of the world. In Philippines it is called as _____ Coriolis force

1. mango shower
2. hurricane — Atlantic
3. willy-willy — Australia
4. typhoon — South-China Sea

Eye - Centre of cyclone
Cumulonimbus cloud-
forms in cyclone

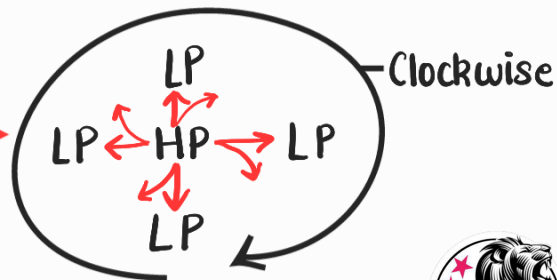
- Cyclone — (mostly in tropics)
 - Northern Hemisphere- Anticlockwise
 - Southern Hemisphere- Clockwise





Anticyclone

- NH- Clockwise
- SH- Anticlockwise



-Sundarbans- Cyclone capital in India



Cyclones

Tropical

origin-seawater
because of low pressure
less frequent
more destructive

Temperate

origin-Sea water/Land
because of frontal
frequent
less destructive

17

National Dairy Research Institute is located at:

राष्ट्रीय डेयरी अनुसंधान संस्थान स्थित है:

1. Lucknow
2. Palampur
3. Anand
4. Karnal

1. लखनऊ
2. पालमपुर
3. आनंद
4. करनाल



- Tobacco Research Institute- Rajahmundry (Andhra)
- Leather Research Institute- Chennai
- Sugarcane Research Institute- Coimbatore
- Textile Research Institute - Ahmedabad (Manchester of India)
- Central Salt & Marine Institute- Bhavnagar
- Chemical Research Institute- Sikandrabad

18

The _____ of a ray is the angle measured from the reflected ray to the normal surface.

किरण का _____ परावर्तित किरण से सामान्य सतह पर मापा गया कोण है।

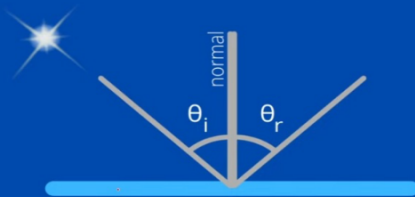
1. Angle of Diffusion
2. Angle of Reflection
3. Angle of Incidence
4. Angle of Refraction

1. प्रसार का कोण
2. परावर्तन का कोण
3. घटना का कोण
4. अपवर्तन कोण



Law of Reflection

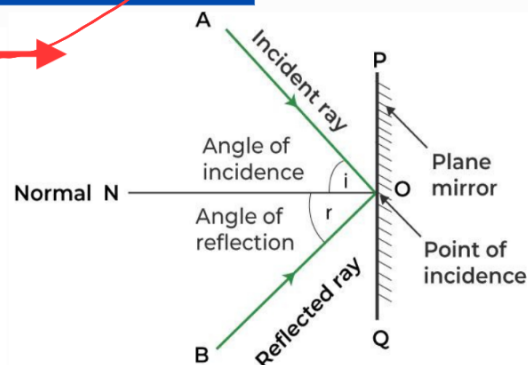
1. The angle of the reflected ray equals the angle of the incident ray, with respect to normal.
2. The incident ray, reflected ray, and normal all lie in the same plane.
3. The incident and reflected ray are on opposite sides of the normal.



Eg- Coin in water,
Twinkling of
stars, Sun during
sunrise and sunset

Laws of refraction

1. The incident ray, the refracted ray and the normal at point of incidence all lie in the same plane
2. SNELL's law: The ratio of the sine of the angle of incidence to the sine of the angle of refraction is a constant for a given pair of media
 - the constant is known as the refractive index
 - $n_g = \frac{\sin i (\text{air})}{\sin r (\text{glass})} = \frac{\text{velocity of light in air}}{\text{velocity of light in glass}}$



Refractive index

Air-1 | Water-1.33 | Diamond- 2.42 | Glass- 1.5

Lightray

Rarer → denser
bend towards normal

Denser → Rarer
bend away from normal



19

Raman effect by CV Raman in 1928

Raman wants to use a rear-view mirror in his vehicle. Which type of mirror should he pick for it?

रमन अपने वाहन में पश्च-दृश्य दर्पण का प्रयोग करना चाहता है। उसके लिए उसे किस प्रकार का दर्पण चुनना चाहिए?

1. Convex Mirrors
2. Plane Mirrors
3. Cylindrical Mirrors
4. Concave Mirrors

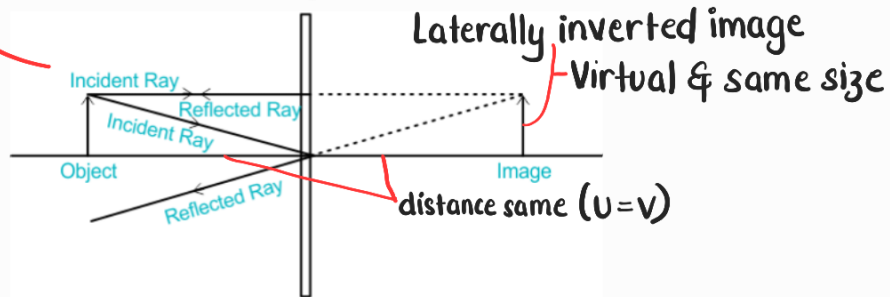
1. उत्तल दर्पण
2. समतल दर्पण
3. बेलनाकार दर्पण
4. अवतल दर्पण

Reflector in street lights,
for security purpose in ATM/metro,
Sunglasses

(magnifying)- Dentist, Shaving, Torch, Search light, Solar blast furnace, Gym

Plane mirror - Focal length - infinity - $f = \infty$ / power = 0

$$\text{power} = \frac{1}{\text{focal length}} = \frac{1}{f}$$



Concave lens/mirror - $f = -ve$
Convex lens/mirror - $f = +ve$



20

Which among the following peaks is the highest peak of Jharkhand?

निम्नलिखित में से कौन-सी चोटी झारखंड की सबसे ऊँची चोटी है?

Arunachal

1. Kangto
2. Girnar — Gujarat
3. Anamudi — SI / Western Ghat
4. Parasnath — Chotanagpur plateau

Highest Peaks

Axavali- Guru Shikhara (1722m)

Satpura- Dhupgarh

Vindhya- Sadbhawana Shikhar (Goodwill Peak)



CA

Who has recently been appointed as new BRO Chief ?

हाल ही में नए BRO प्रमुख के रूप में किसे नियुक्त किया गया है?

- a) Raghu Srinivasan
 - b) KN Shanth Kumar
- Chairman of PTI

Border Road Organisation
(Under Ministry of Defence)
(est-1960)



CA

Q. 37th National Games ~~Games~~ Medal Tally was topped by

- a) MP
- b) Haryana
- c) Maharashtra
- d) Services

38th in Uttarakhand
in Goa | mascot- Moga (Indian Bison)

Total-228 medals | 80 gold medals

2nd position → Total-126 medals | 66 Gold medals

- Haryana-3rd → Total- 192 medals | 62 Gold medals

Q

Who among the following was the architect of the Integrated Guided Missile Development Program (IGMDP) in India?

निम्नलिखित में से कौन भारत में इंटीग्रेटेड गाइडेड मिसाइल डेवलपमेंट प्रोग्राम (IGMDP) का वास्तुकार था?

- 1. Har Gobind Khorana
- 2. Vikram Sarabhai
- 3. A. P. J. Abdul Kalam
- 4. Homi J. Bhabha



Q

Aga Khan Palace is located in _____ city of Maharashtra.

आगा खान पैलेस महाराष्ट्र के _____ शहर में स्थित है।

- 1. Pune
- 2. Aurangabad
- 3. Ahmednagar
- 4. Mumbai

