



SSC GK

PYQs Class Notes

PART-3

Parmar Sir

Lecture:- 43

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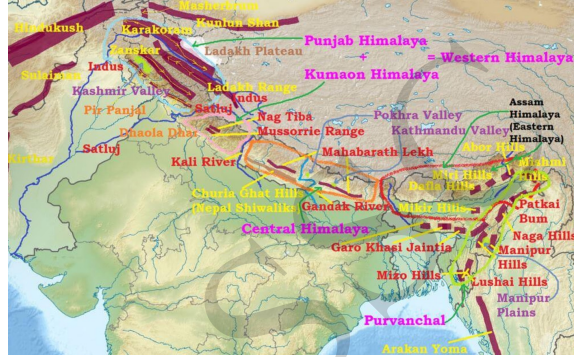
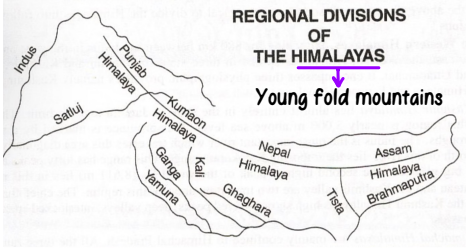
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1. The Himalayas have been divided on the basis of regions from west to east. The correct order of regions from west to east is:
- हिमालय को पश्चिम से पूर्व तक क्षेत्रों के आधार पर विभाजित किया गया है। पश्चिम से पूर्व तक के क्षेत्रों का सही क्रम है:
1. Punjab Himalayas, Nepal Himalayas, Kumaon Himalayas and Assam Himalayas
 - ✓ 2. Punjab Himalayas, Kumaon Himalayas, Nepal Himalayas and Assam Himalayas
 3. Punjab Himalayas, Kumaon Himalayas, Assam Himalayas and Nepal Himalayas
 4. Punjab Himalayas, Nepal Himalayas, Assam Himalayas and Kumaon Himalayas

1. पंजाब हिमालय, नेपाल हिमालय, कुमाऊँ हिमालय और असम हिमालय
- ✓ 2. पंजाब हिमालय, कुमाऊँ हिमालय, नेपाल हिमालय और असम हिमालय
3. पंजाब हिमालय, कुमाऊँ हिमालय, असम हिमालय और नेपाल हिमालय
4. पंजाब हिमालय, नेपाल हिमालय, असम हिमालय और कुमाऊँ हिमालय



2. Under which Article of the Indian Constitution shall the executive power of the Union be vested in the President?

1. Article 55
- ✓ 2. Article 56
3. Article 53
4. Article 58

1. अनुच्छेद 55
- ✓ 2. अनुच्छेद 56
3. अनुच्छेद 53
4. अनुच्छेद 58

→ Art 72: pardoning power of President

Art 123: Ordinance

भारतीय संविधान के किस अनुच्छेद के तहत संघ की कार्यकारी शक्ति राष्ट्रपति में निहित होगी?

Articles Related to President		
Article 52	The President of India	Pr
Article 53	Executive power of the Union	E
Article 54	Election of President	E → Participation: Elected MPs + MLAs
Article 55	Manner of election of President	M
Article 56	Term of office of President	Tr
Article 57	Eligibility for re-election	E
Article 58	Qualifications for election as President	Q
Article 59	Conditions of President's office	C
Article 60	Oath or affirmation by the President	Ome
Article 61	Procedure for impeachment of the President	In → Participation: All MPs (also participate in election of VP)
Article 62	Time of holding election to fill vacancy in the office of president	T
Article 63	The Vice-President Of India	
Article 64	The Vice-President to be ex-officio Chairman of the Council of States	
Article 65	The Vice-President to act as President or to discharge his functions	
Article 71	Matters relating to the election of a President	
Article 72	Power of President to grant pardons, etc., and to suspend, remit or commute sentences in certain cases	
Article 74	Council of Ministers to aid and advise President	
Article 75	Other provisions as to Ministers like appointment Salaries etc.	
Article 78	Duties of Prime Minister as respects the furnishing of information to the President	

3. The _____ birth rate indicates the number of live births occurring during the year per 1000 population estimated at midyear.

1. neutral
- ✓ 2. positive
3. negative
4. crude

जन्म दर वर्ष के मध्य में अनुमानित प्रति 1000 जनसंख्या पर होने वाले जीवित जन्मों की संख्या को इंगित करती है।

→ Crude Birth Rate of India (2011 Census); 21.8%

on avg

• Rural: 23.3%

• Urban: 17.6%

→ Crude Death Rate: 7.2%

4. 1 kilowatt is equivalent to:

1 किलोवाट इसके बराबर है:

1. 7200 KJ/h
- ✓ 2. 3600 KJ/h
3. 7200 Joule
4. 3600 calorie

$$1 \text{ kWh} = 3.6 \times 10^6 \text{ J}$$

$$1 \text{ calorie} = 4.18 \text{ J}$$

$$1 \text{ kW} = \frac{3.6 \times 10^6 \text{ J}}{h \times 1000}$$

$$= \frac{3.6 \times 10^3}{h} = 3600 \text{ kJ/h}$$

5. When was the 8th round of the General Agreement on Tariffs and Trade (GATT), the so-called 'Uruguay Round' which led to the establishment of World Trade Organization (WTO) completed?

दिए गए और व्यापार पर सहमति समझौते (जीएटीटी) का आठवां दौर, तथाकथित 'उरुग्वे दौर' जिसके अन्तर्गत विश्व व्यापार संगठन (वर्ल्ड ट्रेडिंग ऑर्गेनाइजेशन) की स्थापना हुई, कब पूरा हुआ?

1. 1992
2. 1993
3. 1991
- ✓ 4. 1994

Bretton Woods Conference: 1944

HQ: Washington, D.C



GATT: 1948 (not very successful)

Uruguay Round: 1987-1993

Marrakesh Agreement → WTO formed in 1994

HQ: Geneva, Switzerland

- Green box
 - Red box
 - Amber box
- Associated with World Bank

6. Jagjit Singh is associated with which form of singing?

जगजीत सिंह गायन की किस विधा से सम्बंधित हैं?

1. Dhrupad
- ✓ 2. Ghazal
3. Thumri
4. Tappa

1. ध्रुपद
2. ग़ज़ल
3. ठुमरी
4. टप्पा

→ Associated with Kathak

7. Mamita (Mamata) is a popular folk dance of which of the following states?

ममिता (मैमाता) निम्नलिखित में से किस राज्य का लोकप्रिय लोक नृत्य है?

1. Punjab
- ✓ 2. Tripura
3. Haryana
4. Uttarakhand

→ Hojagiri (by Reang tribe)

- Jhora
- Jhali
- Chapeli
- Bhotia
- Garia
- Bijhu (by Chakma tribe)
- Cheraw (by Lushai tribe)
- Hai Hak (by Malsum)

8. When was Khandesh merged into the Mughal empire by Akbar?

1. 1595
2. 1601
3. 1597
4. 1605

अकबर द्वारा खानदेश का मुगल साम्राज्य में विलय कब किया गया था?

Present day: Maharashtra-MP border

The study of topographic relief of mountains

9. In which type of rainfall, winds move out from a high-pressure area with wind direction clockwise in the northern hemisphere, and anti-clockwise in the southern hemisphere?

1. Cyclones
2. Convection
3. Anticyclone
4. Orography

Orographic rainfall in Western Ghats

- Pressure difference causes wind because
 Warm air → Rises → Low pressure
 Cold air → Sink → High pressure
- Wind: High pressure → Low pressure

Cyclone → No formation in the equator

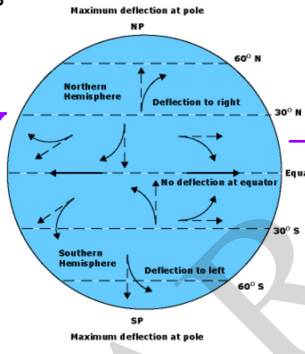
NH: moves anti-clockwise

SH: moves clockwise

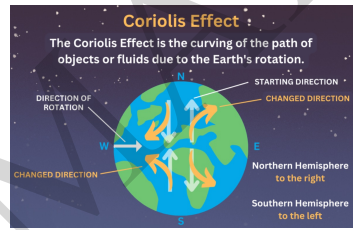
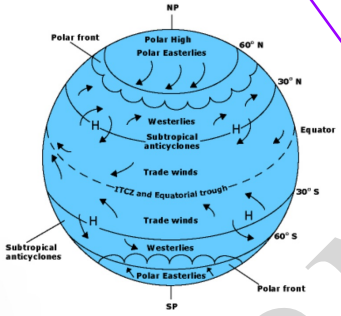
Coriolis Force

NH: circulates the air towards right

SH: circulates the air towards left



Coriolis Force
 • Max at poles
 • Zero at equator



* In India, cyclone is formed mostly in Bay of Bengal than Arabian Sea due to freshwater influx

Different types of clouds

- Cirrus → At high altitude; feather clouds → Cannot form rain
- Cirrocumulus → Wool/cotton shaped clouds → Base is flat
- Cirrostratus → In the form of layer
- Cumulonimbus → Opaque; formed during cyclone

Low level clouds

10. Who among the following had written the novel Coolie, that concentrated on social misery caused by inhumanity?

1. RK Narayan
2. Mulk Raj Anand
3. VS Naipal
4. Vijay Tendulkar

1. अरुणेंद्रे नारायण
2. मुल्क राज आनंद
3. वीएस नायपाल
4. विजय तेंदुल्कर

The Guide

Other books: Untouchable; The Village; The Sword and the Sickle

11. Which Article of the Constitution of India states that the Prime Minister is appointed by the President of India?

भारत के संविधान के किस अनुच्छेद में कहा गया है कि प्रधानमंत्री की नियुक्ति भारत के राष्ट्रपति द्वारा की जाती है?

- | | |
|---------------|----------------|
| 1. Article 74 | 1. अनुच्छेद 74 |
| 2. Article 76 | 2. अनुच्छेद 76 |
| 3. Article 73 | 3. अनुच्छेद 73 |
| ✓ Article 75 | 4. अनुच्छेद 75 |

Real head/de facto head

• **Art 74:** There shall be a Council of Ministers with **Prime Minister** to aid and advice the President

• **Art 75** + 89 = Art 164 (in case of State)

- 1 The Prime Minister shall be appointed by the President and the other Ministers shall be appointed by President on advice of the PM
- 2 The Ministers shall hold office during the pleasure of the President
- 3 They are collectively responsible to the house of the People
- 4 Oaths of the office by President
- 5 A Ministers who for any period of six consecutive month is not a member of either house of the Parliament → Upon expiration of the period shall cease to be a Minister
- 6 Salaries and Allowances of Ministers

• **Art 76:** Attorney General of India

• **Art 77:** Conduct of business of the Government of India

• **Art 78:** Duties of Prime Minister

12. निम्न में से कौन-सा विकल्प लघु बचतों का उदाहरण नहीं है?

Which of the following options is not an example of small savings?

- ✓ 1. म्यूचुअल फंड (Mutual Funds)
2. किसान विकास पत्र (Kisan Vikas Patras)
3. राष्ट्रीय बचत प्रमाणपत्र (National Savings Certificates)
4. डाकघर जमा (Post Office Deposits)

Other Small Savings

- PPF
- Recurring Deposits
- Sukanya Samriddhi Account
- Monthly Income Scheme
- Atal Pension Yojana
- Senior Citizen Savings Scheme
- Post Office Savings Account
- Mahila Samman Saving Certificate

13. Vultures are: मिद्ध हैं:

Scavengers

- | | |
|----------------|--------------|
| 1. carnivores | 1. मांसाहारी |
| 2. decomposers | 2. मृत्योपज |
| 3. herbivores | 3. शाकाहारी |
| ✓ 4. omnivores | 4. सर्वाहारी |

Fungi and bacteria

• Earthworms are called detritivores

14. In which of the following years did the government opt for a plan holiday after the seventh five-year plan?

- सातवीं पंचवर्षीय योजना के बाद निम्नलिखित में से किस वर्ष में सरकार ने योजना अवकाश का विकल्प चुना?
- | | |
|----------------------|--------------------|
| 1. From 1989 to 1991 | 1. 1989 से 1991 तक |
| 2. From 1990 to 1992 | 2. 1990 से 1992 तक |
| 3. From 1992 to 1993 | 3. 1992 से 1993 तक |
| 4. From 1991 to 1993 | 4. 1991 से 1993 तक |

- Annual Plan
- During Rajiv Gandhi

- China War: 1962
- Indo-Pak: 1965
- PL-480: India was importing wheat from USA

Break: Plan Holiday

- 3 years: 1966-69
- Annual Plan → New agricultural strategy

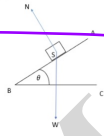
Two Prime Ministers

- J L Nehru
- Lal Bahadur Shastri → Raised the slogan "Jai Jawan Jai Kisan" when India went to war with Pakistan

15. By observing the motion of objects on an inclined plane _____ deduced that objects move with a constant speed when no force acts on them.

झुके हुए तल पर वस्तुओं की गति को देखकर _____ ने यह निष्कर्ष निकाला कि वस्तुएं स्थिर गति से चलती हैं जब उन पर कोई बल कार्य नहीं करता है।

- | | |
|--------------------|------------------|
| 1. Archimedes | 1. आर्किमिडीज |
| 2. Johannes Kepler | 2. जोहान्स केपलर |
| 3. Galileo | 3. गैलीलियो |
| 4. Michael Faraday | 4. माइकल फेराडे |



Gave Planetary Laws

Built telescope

Discovered Galilean moons → Discovered 4 moons of Jupiter

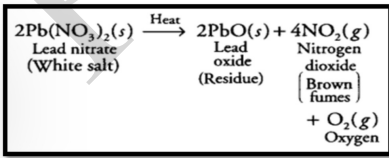
- Europa
- Io
- Ganymede
- Callisto

Electromagnetic induction

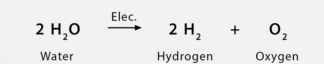
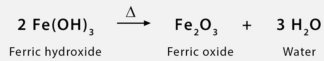
16. From the given options, choose the one which is NOT a product of the decomposition reaction of Lead nitrate.

दिए गए विकल्पों में से वह विकल्प चुनें जो लेड नाइट्रेट की अपघटन प्रतिक्रिया का उत्पाद नहीं है।

- | | |
|---------------------|-------------------------|
| 1. Oxygen | 1. ऑक्सीजन |
| 2. Lead oxide | 2. लेड ऑक्साइड |
| 3. Nitrogen dioxide | 3. नाइट्रोजन डायऑक्साइड |
| 4. Nitrogen | 4. नाइट्रोजन |

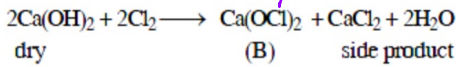


Decomposition Reaction Examples



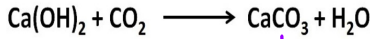
Used in B/W photography

Combination Reactions



Calcium hypochlorite (acts as bleaching agent)

Reaction of Slaked Lime with CO_2



Calcium carbonate (also known as Limestone/Chalk/Marble)

17. चाद शुक्र (Chad Sukra) त्यौहार _____ की जयंतिया जनजाति द्वारा मनाया जाता है।

Chad Sukra festival is celebrated by the Jaintia tribe of _____.

1. असम
2. पंजाब
3. झारखण्ड
4. मेघालय

1. Assam
2. Punjab
3. Jharkhand
4. Meghalaya

Sarhul, Karam, Bhagta Parab

Other festivals

- Wangala
- Behdienkhlam
- Nongkrem
- Strawberry festival
- Garo festivals

18. Which radioactive element with atomic number 43 in the modern periodic table is unstable, and the half-lives of all its isotopes are relatively short, from 4.2 million years to 5.0 s?

1. Promethium
2. Nobelium
3. Technetium
4. Neptunium

1. प्रोमैथियम
2. नोबेलियम
3. टेक्नेटियम
4. नेपच्यूनियम

Father: Mendeleev

Currently: 118 elements

Half-life: the time taken by a substance for half of the substance to decay

19. _____ भूमि नियमित रूप से फसल के लिए उपयुक्त है।

_____ land is suitable for regular cropping.

1. कृष्य (Arable)
2. बंजर (Barren)
3. सीमांत (Marginal)
4. नगरीय (Urban)

As advised by his minister Todarmal

Land Revenue during Akbar's Reign

Land types recognition:

1. Polaj: land actually cultivated for each crop in succession
2. Parauti: Land left fallow for a time to recover its strength
3. Chachar: land that had left fallow for three or four years
4. Banjar: land uncultivated for 5 yrs/more

Best type

20. In test match cricket, how many minimum overs can a team play in a day?

टेस्ट मैच क्रिकेट में एक टीम एक दिन में न्यूनतम कितने ओवर खेल सकती है?

1. 60
2. 80
3. 70
4. 90

Rate of min overs: 15 overs/hr

1st Test Match: 1877 Between England and Australia in Melbourne

CA.

कौन सा देश ब्रिक्स का सदस्य नहीं है?

Which country is not a member of BRICS

Formed in: 16 June 2009

1. Saudi Arab
 2. Eritrea
 3. UAE
 4. Egypt
- Ethiopia
Iran

- B: Brazil
- R: Russia
- I: India
- C: China
- S: South Africa

1 Jan 2024: now a 10 membered group

BRICS Bank HQ: Shanghai, China

31. Consider the following events pertaining to the Freedom Movement of India :

- (i) Mountbatten Plan → 1947
- (ii) Quit India Movement → 1942
- (iii) Wavell Plan → 1945
- (iv) Royal Indian Navy Mutiny → 1946

Select the correct chronological order of these events using the codes given below.

- (A) (ii)-(iii)-(iv)-(i)
- (B) (ii)-(i)-(iii)-(iv)
- (C) (ii)-(iv)-(i)-(iii)
- (D) (ii)-(i)-(iv)-(iii)

30. With reference to the Khajuraho Group of Monuments, consider the following statements :

- (i) The temples at Khajuraho were built during the Chandella dynasty.
- (ii) The temples at Khajuraho are associated with Hinduism and Jainism.
- (iii) The temples were built in Dravidian-style architecture.
- (iv) These are situated in Chhatarpur district of Maharashtra.

Select the correct statement/statements using the codes given below.

- (A) (i) only
- (B) (i) and (ii) only
- (C) (i), (ii) and (iii) only
- (D) (i) and (iv) only

29. Consider the following developments pertaining to the history of modern education in India :

- (i) Sadler University Commission → 1917-19
- (ii) Lord Macaulay's Minute → 1835
- (iii) Raleigh Commission → 1902
- (iv) Wood's Dispatch → 1854

Select the correct chronological order of these developments using the codes given below.

- (A) (i)-(iii)-(ii)-(iv)
- (B) (ii)-(iii)-(i)-(iv)
- (C) (ii)-(iv)-(iii)-(i)
- (D) (i)-(ii)-(iii)-(iv)

→ Magna Carta of Indian English Education

- Vernaculars promotion
- During Dalhousie

→ William Bentinck

- Promotion of English education in India
- Downward Filtration Theory
- Rejected through Wood's Dispatch in 1854

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