



**SSC GK**

# PYQs Class Notes

**PART-4**

**Parmar Sir**

**Lecture:- 23**

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# LECTURE-23



1

Which of the following books was written by Chitra Banerjee Divakaruni?

निम्नलिखित में से कौन सी पुस्तक चित्रा बनर्जी दिवाकरुणी द्वारा लिखी गई थी?

1. Malgudi Days — Rk Narayan- The Guide

2. The Palace of Illusions

3. A Fine Balance — Rohinton Mistry

4. The feast of roses — Indu Sundaresan



-Mulk Raj Anand- The Sword and the sickle, Black waters

-Shashi Tharoor- The Great Indian Novel, Why I am a Hindu,

Paradoxical Prime Minister, An Era of

Darkness, Ambedkar : A Life

-Anita Desai- Fasting, Feasting, In Custody

2

Where is the Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports situated?

अटल बिहारी वाजपेयी पर्वतारोहण एवं संबद्ध खेल संस्थान कहां स्थित है?

1. Pahalgam, Jammu and Kashmir

2. Darjeeling, West Bengal

3. Manali, Himachal Pradesh

4. Uttar Kashi, Uttarakhand



-National Institute of Mountaineering- Dibrang (Arunachal)

-Nehru institute of mountaineering- Uttarkashi (UK)

-Lakshmbai national institute of physical education- MP

-Lakshmbai national college of physical education-  
Thiruvananthapuram (Kerala)

-Netaji Subhash Chandra Bose institute of Sports- Patiala

Under Sports Authority of India (SAI)- est. 1984

-Indian Olympic Association- est. 1927

India participated (1st) — 1920 (team)

— 1900 (Norman Pritchard)

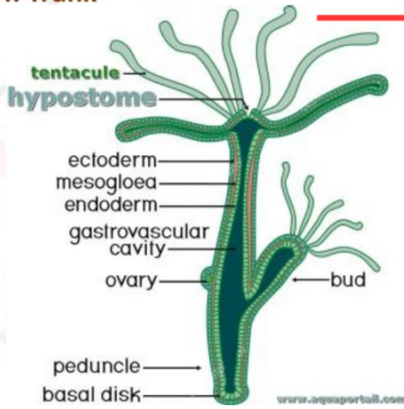


3

Which hairpin-like structure serves to anchor and stabilise the tick's mouthparts to its host's skin and to channel the exchange of fluids?

कौन सी हेयरपिन जैसी संरचना टिक के मुखभाग को उसके मेज़बान की त्वचा पर स्थिर रखने और तरल पदार्थों के आदान-प्रदान का मार्ग प्रशस्त करती है?

1. Peduncle
2. Substratum
3. Hypostome
4. Trunk



Flame cells- platyhelminthes  
(excretory cells)

Collar Cells- Porifera

Hydra

Asexual form of reproduction- Budding

Phylum- Cnidaria - stinging cells

Eg- Sea Anemone, jelly fish, portuguese man-of-war

Euplectella- Glass sponges



4

Krishna III of Rashtrakuta dynasty established a victory pillar and a temple at which of the following cities of south India after defeating the Chola ruler Parantaka I?

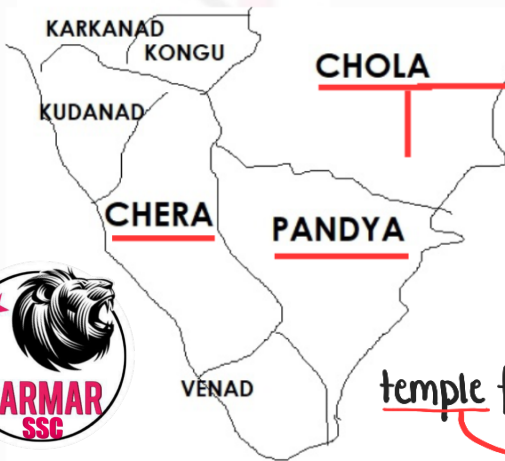
1. Poompuhar
2. Udaiyalur
3. Takkolam
4. Rameswaram

defeated Marvarman Rajasimha II

Ruler of Pandya Dynasty

Battle of vellore

founder- Dantidurga



Emblem- Tiger

Capital- Thanjavur, Gangaikonda-cholapuram

founder- Vijayalaya

(Feudatory to Pallavas)

temple for Goddess- Nishumba Sudini

on Kaveri Delta (850AD)

Avatar of Maa Durga



5

Which of the following statements are correct regarding State Legislatures?

राज्य विधानमंडलों के संबंध में निम्नलिखित में से कौन सा कथन सही है?

- A. Notwithstanding anything in part XVII, but subject to the provisions of Article 348, business in the Legislature of a State shall be transacted in the official language or languages of the State or in Hindi or in English.
- B. The Speaker of the Legislative Assembly or Chairman of the Legislative Council can permit any member to speak in his mother tongue.
- C. Only the Supreme Court is entitled to inquire into the proceeding of the State Legislature.

1. B and C only

2. A and C only

3. A, B and C

4. A and B only

## Part XVII- Official Languages

Art. 343- Official language of Union shall be Hindi in Devnagari Script

Art 348- language to be used in courts

Part V Art 120- Business of Parliament shall be transacted in Hindi or English  
should be omitted 15 yrs after the commencement of the constitution unless extended by Parliament

Art. 210- Business of State legislature in Hindi/English/ State's language

## Part XVIII- Emergency Provisions



6

Which Five Year Plan period saw the initiation of the Hill Area Development Programme?

किस पंचवर्षीय योजना अवधि में पहाड़ी क्षेत्र विकास कार्यक्रम की शुरुआत हुई?

1. Sixth Five Year Plan
2. Fourth Five Year Plan
3. Eighth Five Year Plan
4. Fifth Five Year Plan

Growth with stability & self reliance, Balanced regional development

(1974-1978)



Jaribi Hatao, 20 pt. program, Min. need program, Integrated Child Development Scheme (1975)

10<sup>th</sup> FYP- National Horticulture Mission

4<sup>th</sup> FYP- Drought Area Program

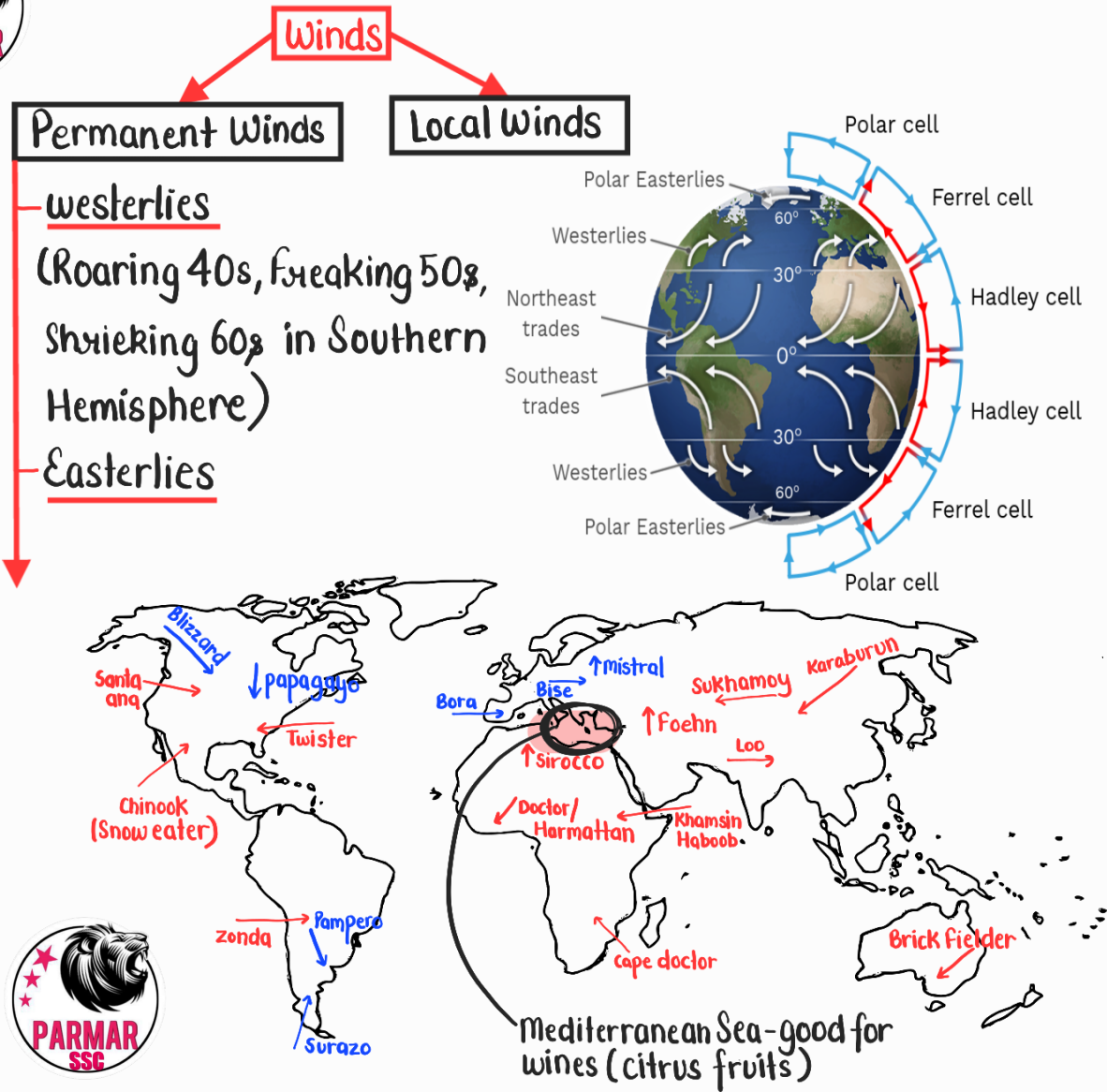
7

Which of the following is a term for the common local wind that blows in north and north western parts of India during summers?

निम्नलिखित में से कौन सा शब्द ग्रीष्मकाल के दौरान भारत के उत्तर और उत्तर-पश्चिमी भागों में चलने वाली सामान्य स्थानीय हवा के लिए प्रयुक्त होता है?

1. Loo — Local wind
2. Chinook — Because of Advection
3. Foehn
4. Bora





Pre-Monsoon Showers

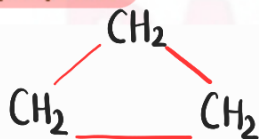
- Kal Baisakhi - West Bengal
  - Bardoli Cheera - Assam + Bangladesh
  - Blossom/mango showers - Kerala + Karnataka
- } Nor Westers (evening thunderstorm)

**8**

Which of the following compounds is an Alicyclic compound?

निम्नलिखित में से कौन सा यौगिक ऐलिसाइक्लिक यौगिक है?

1. Ethane  $\text{CH}_3-\text{CH}_3$
2. Isobutane  $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_3$
3. Acetic acid  $\text{CH}_3\text{COOH}$
4. Cyclopropane



**Aromatic Compound**  
Erich Huckel gave formula -  $(4n+2) \pi e^- (s)$

9 Who among the following wrote the novel 'Grimus'?

निम्नलिखित में से किसने उपन्यास 'ग्रिमस' लिखा था?

1. Amitav Ghosh
2. Salman Rushdie — Moor's last sigh, The Satanic Verses, midnight's children, Knife : Meditations after an attempted murder
3. Arvind Adiga
4. Vikram Seth



10 Which physicist is known to establish the relationship between mechanical work and heat transfer?

कौन सा भौतिक विज्ञानी यांत्रिक कार्य और ऊष्मा स्थानांतरण के बीच संबंध स्थापित करने के लिए जाना जाता है?

1. Hermann Helmholtz
2. John Dalton
3. James Prescott Joule — SI unit of work done + energy
4. William Henry

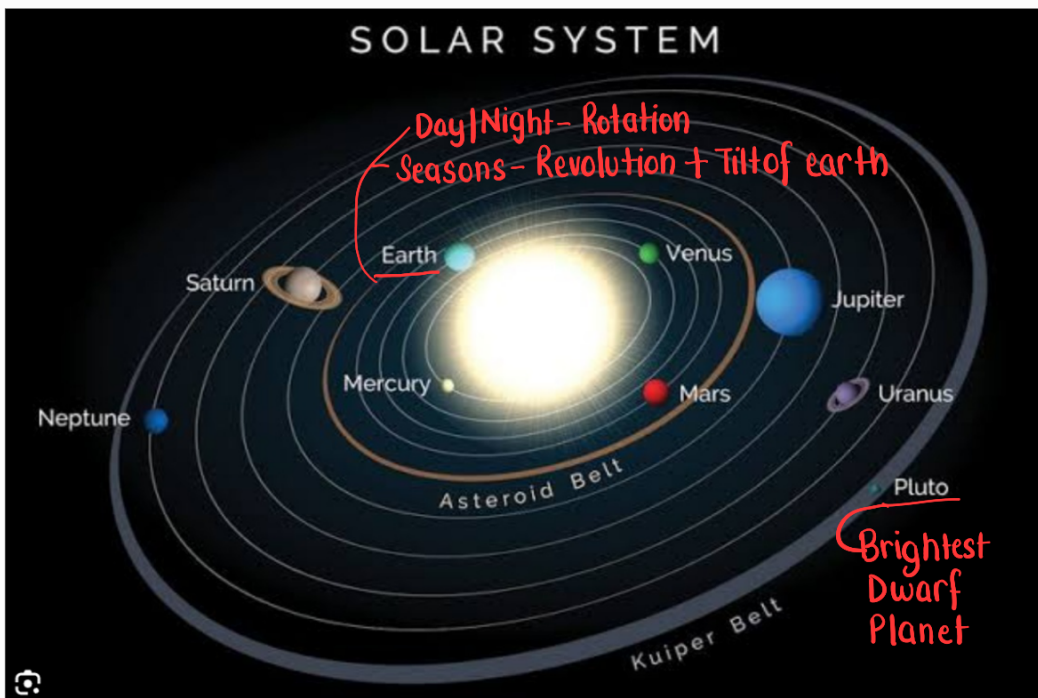
1820 - Magnetic effect of electric current by Hans Christian Oersted

erg - unit of work

11 Which dwarf planet orbits the sun in 310 years at a distance between 38.5 to 53 AU?

कौन सा बौना ग्रह 38.5 से 53 AU की दूरी पर 310 वर्षों में सूर्य की परिक्रमा करता है?

- |             |   |  |  |
|-------------|---|--|--|
| A. Ceres    | — | dwarf planet located in asteroid belt (nearest to sun) |  |
| B. Eris     |   |  |  |
| C. Makemake |   | 2nd Brightest Dwarf Planet                             | Venus - Longest rotation time (243 days) |
| D. Pluto    |   | Dwarf planets in Kuiper Belt                           |  |
| Haumea      |   | fastest rotating                                       |  |



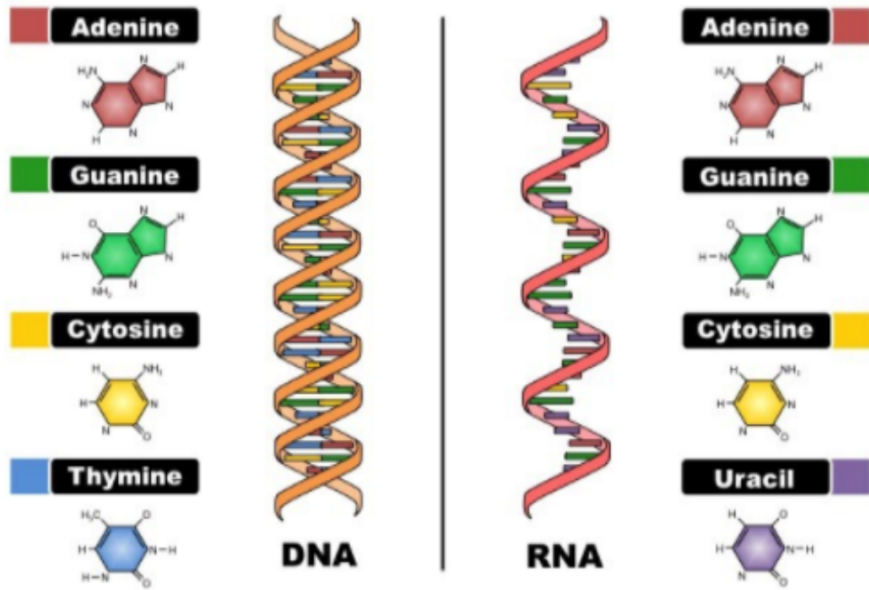
**12** In the context of DNA, which of the following principles governs the process of transcription?

डाएनए क सदभ में, निम्नलिखित में से कौन सा सिद्धांत प्रतिलेखन की प्रक्रिया को नियंत्रित करता है?

Copying a segment of DNA to RNA

**Translation**- forming a poly-peptide chain from m-RNA

- A. Semiconservative nature of DNA
- B. The principle of complementarity
- C. The transforming principle
- D. The principle of inheritance

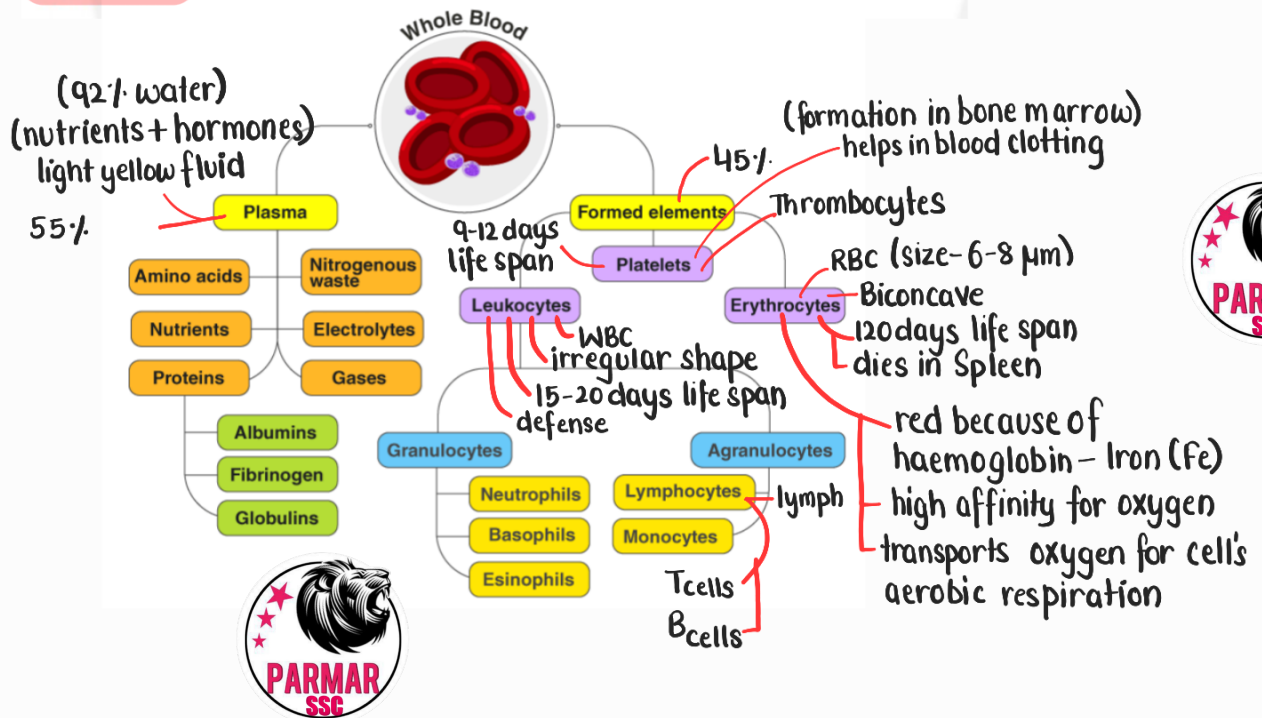


**13** Which of the following components of blood provides Defence .

रक्त का निम्नलिखित में से कौन सा घटक रक्षा प्रदान करता है

- A. Platelets
- B. Plasma
- C. RBCs
- D. WBCs

fluid connective tissue  
transportation of oxygen + hormones + nutrients to cells





14 \_\_\_\_\_ is a significant festival of the Parsi people who practice Zoroastrianism as it marks the birth anniversary of Zoroaster.

पारसी लोगों का एक महत्वपूर्ण त्योहार है जो पारसी धर्म का पालन करते हैं क्योंकि यह जोरोस्टर की जयंती का प्रतीक है।  
founder of Parsi community

- A. Jamshed-e-Navroz — Birth of ruler Jamshed
- B. Pateti — Day before Navroz
- C. Khordad Sal (New year festival for Parsi)
- D. Gahambar

6 days long celebration after Navroj  
6 times/year



15 - 1884  
According to Koepfen's Scheme of classification of climate, which of the following characteristics is associated with 'Group E'?

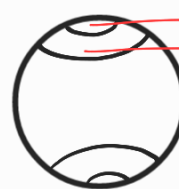
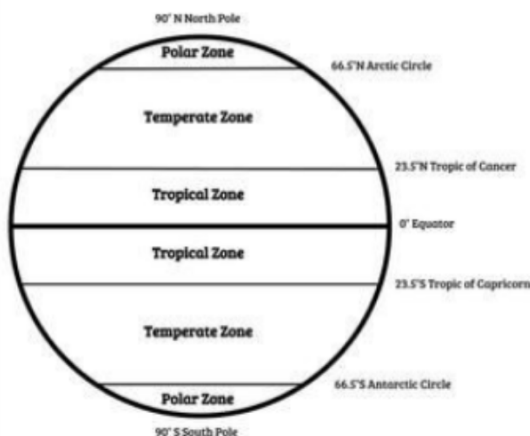
कोपेन की जलवायु वर्गीकरण योजना के अनुसार, निम्नलिखित में से कौन सी विशेषता 'समूह ई' से संबंधित है?  
Empirical Climatic Classification

- A. The average temperature of the coldest month is 18°C or higher
- B. The average temperature of the coldest month is -3°C or below
- c. The average temperature of the coldest month is higher than -3°C but below 18°C
- D. The average temperature for all months is below 10°C\*

Table 12.1 : Climatic Groups According to Koepfen

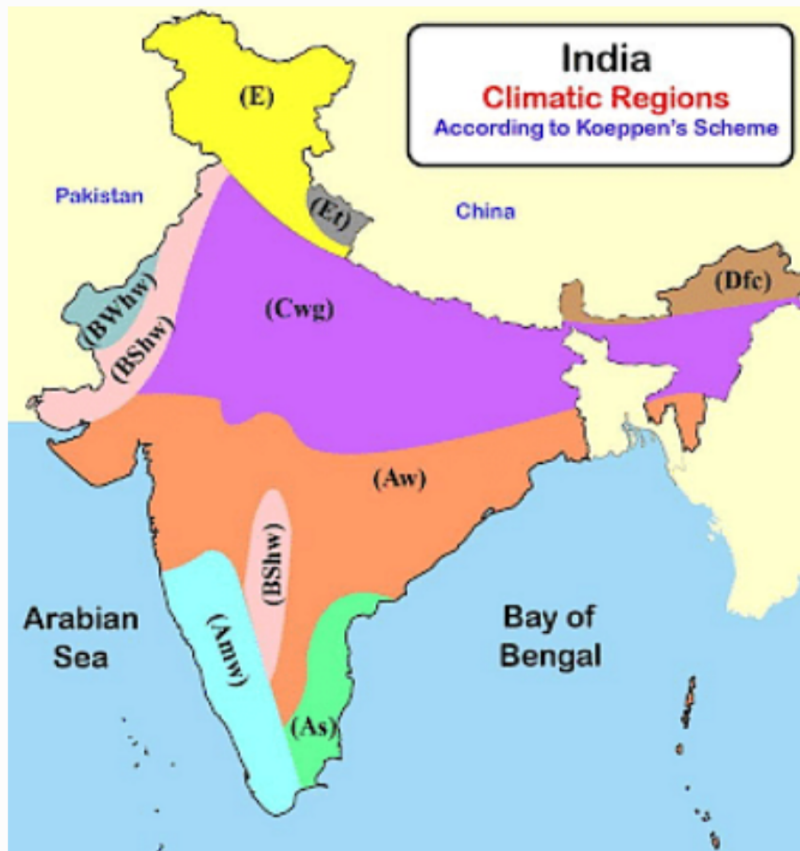
Group	Characteristics
A - Tropical	Average temperature of the coldest month is 18° C or higher
B - Dry Climates	Potential evaporation exceeds precipitation
C - Warm Temperate	The average temperature of the coldest month of the (Mid-latitude) climates years is higher than minus 3°C but below 18°C
D - Cold Snow Forest Climates	The average temperature of the coldest month is minus 3° C or below
E - Cold Climates / Tundra	Average temperature for all months is below 10° C
H - High Land	Cold due to elevation

not based on temperature



Tundra  
Taiga - 'Untouched' in Russian language





16

Warli Painting is the folk painting of \_\_\_\_\_ state of India.

वार्ली पेंटिंग भारत के \_\_\_\_\_ राज्य की लोक पेंटिंग है।

1. Manipur — Thang Ta (Martial Dance)
2. Mizoram — Inbuan
3. Karnataka
4. Maharashtra — Mardani Khel

MP — Mallakhamba

Bihar — Pari Khanda

TN — Silambam

Kerala — Kalaripayattu

Madhubani — Bihar

Phad Painting — Rajasthan

Pattachitra — Odisha

Thang Ka — Sikkim / Arunachal

Kalighat — WB

Kalamkari — Andhra / Telangana



17

In which year was Raziyya removed from the throne of the Delhi Sultanate?

रज़िया को दिल्ली सल्तनत के सिंहासन से किस वर्ष हटाया गया था?

came to power in 1236 AD

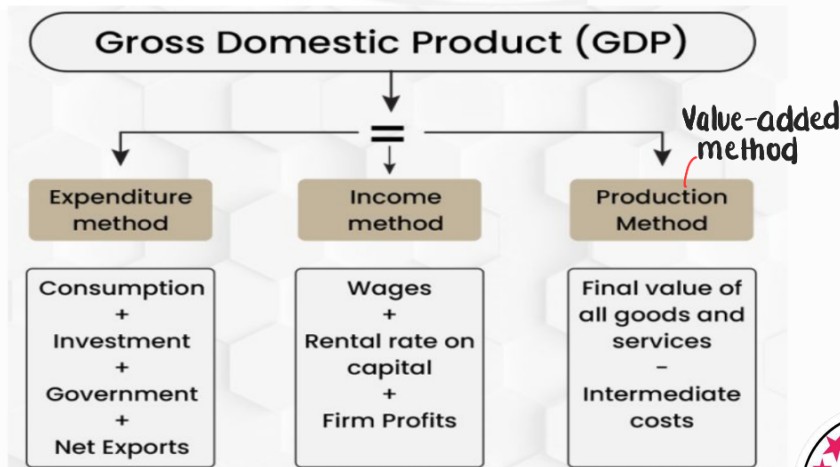
1. 1244
2. 1240
3. 1238
4. 1236



18

The value added of a firm is calculated as \_\_\_\_\_.

1. value of production of the firm – value of intermediate goods used by the firm
2. value of production of the firm + value of capital goods used by the firm
3. value of production of the firm / value of intermediate goods used by the firm
4. value of production of the firm + value of intermediate goods used by the firm



19

Which of the following statements is/are not true w.r.t. GDP ?

1. Real GDP is adjusted to Inflation
2. Rise in GDP may not necessarily mean Welfare of people

opp- Deflation

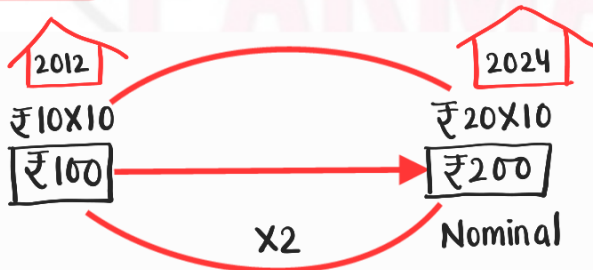
Inflation

Demand pull

Costpush

- a) Only 1
- b) Only 2
- c) Both
- d) None

Disinflation- a decrease in the rate of inflation



Fisher's Theory

By Irwin Fisher

MV = PT

## Open Market Operations- 2 types

- Outright Purchase
- Repo (Repurchasing Obligation)



Basis of comparison	Real wages (constant prices)	Nominal Wages (Current prices)
Definition	Compensation that considers inflation rate	Payment for labour done with no market condition consideration
Determinants	Inflation	Government regulations
Formula	$RW = \frac{\text{New CPI}}{\text{Old CPI}}$	No formula
Purpose	Determine and maintain purchasing power	Compensate for work done
Time Frame	Considers different past periods	Considerations are At that point in time

### Positive externality

When consuming or producing a good causes a **benefit** to a third party.

**Example** - walking to work reduces congestion.

### Negative externality

When consuming or producing a good causes a **cost** to a third party.

**Example** - airtravel causes an increase in pollution.



20

Which Article talks about the Pardoning Power of Governor ?

कौन सा अनुच्छेद राज्यपाल की क्षमादान शक्ति के बारे में बात करता है?

Pardoning power of President

a) Article 72

b) Article 123

c) Article 213

d) Article 161

Ordinance - Temporary law making power

cannot pardon death sentence & sentence under martial law

- Pardon - absolve

- Commute - change in form of punishment

- Remission - extent change

- Respite - extent change owing to health reasons

- Reprieve - temporary hold/stay in punishment



**Ordinance** - Maximum time period - 6 months + 6 weeks  
if not approved by the houses

CA

Q. Who won U.S. Open 2023 (Female) ?

won Australian open

- a) Aryna Sabalenka
- b) Coco Gauff
- c) Iga Swiatek — won French Open 2023
- d) Marketa Vondrousova

↳ won Wimbledon (oldest Grand Slam)  
started in 1877



**US Open (Male)** - Novak Djokovic

CA

Q. 1<sup>st</sup> Woman Speaker of Odisha LA ?

- a) Deepa Malik
- b) Pramila Malik
- c) Usha Malik
- d) Shoaib Malik



CA

Q. What is "INDRAJAL" recently seen in News ?

↳ developed by Hyderabad based startup

- a) AI Powered Anti Drone System
- b) Cyber Security system
- c) Rain Water Harvesting System
- d) Quantum Networking System

**2025** - Year of Quantum Science and Technology

**2024** - Year of Camelids

**2023** - Year of millets

Q

Dhinodhar Hills is located in which Indian state/Union Territory?

धिनोदर पहाड़ियाँ किस भारतीय राज्य/केंद्र शासित प्रदेश में स्थित हैं?

1. Andaman and Nicobar Islands
2. Maharashtra
3. Gujarat
4. West Bengal

