



**SSC GK**

# PYQs Class Notes

**PART-4**

**Parmar Sir**

**Lecture:- 16**

✓ **For Notes Join Telegram :**



Click on the icon.

OR  
Scan



✓ **For Lectures Subscribe Our Parmar SSC Youtube Channel**



Click on the icon.

OR  
Scan





# PARMAR SSC MAGAZINES...



**Stay ahead in your exam preparation with the best creative magazine for SSC. Download the latest issue of our current affairs magazine here and master the current affairs section effortlessly :)**

# LECTURE-16



1 The entire salaries, allowances and pensions of the chairman and members of the Union Public Service Commission are charged on the \_\_\_\_\_.

1. Contingency fund of India
2. Reserve Bank of India
3. Consolidated fund of India
4. Special Fund of the UPSC

Charged expenditure → non-votable

expenditure made from → voting only in LS

public purse

Guardian - CAG

Public Service Commission

→ Article - 315-323, Part XIV

→ UPSC → 1st Chairman - Ross Barker

HK Kriplani (post-independence)

Fund	Income	Expenditure	Parliamentary Authorisation required	Article under which constituted
Consolidated Fund	Taxes and non-tax revenue	All expenditure	Prior to expenditure	266 (1)
Public Fund	Public money other than those under consolidated fund		Not required	266 (2)
Contingency Fund	Fixed corpus of Rs. 500 crore	Unforeseen expenditure	After the expenditure	267 (1)

**Charged expenditure** - is non-votable because salaries of important constitutional positions is drawn from this fund so that they can work independently and not under government pressure.

2 How many Mahajanapadas were there during the age of Buddha?

1. 15

2. 26

3. 9

4. 16

→ mentioned in Anguttar Nikaya (Buddhist text)

→ also mentioned in buddhist Jataka Tales

→ Panini's Ashtadhyayi (Sanskrit Grammar book)

Sl. No.	Mahajanapadas	Capital	Modern location
1	Anga	Champa	Munger and Bhagalpur
2	Magadh	Girivraja / Rajagir	Gaya and Patna
3	Kasi	Kasi	Banaras
4	Vatsa	Kausambi	Allahabad
5	Kosala	Sravasti	Eastern Uttar Pradesh
6	Saurasena	Mathura	Mathura
7	Panchala	Ahichchatra and Kampilya	Western Uttar Pradesh
8	Kuru	Indraprastha	Merrut and S.E. Haryana
9	Matsya	Viratnagar	Jaipur
10	Chedi	Sothivati / Banda	Bundelkhanda
11	Avanti	Ujjain / Mahismati	Madhya Pradesh & Malwa
12	Gandhar	Taxila	Rawalpindi
13	Kamboj	Pooncha	Rajori & Hajra (Kashmir)
14	Asmaka	Pratisthan / Paithan	Bank of Godavari
15	Vajji	Vaishali	Vaishali
16	Malla	Kusinara	Deoria & U.P.

Udayin shifted Capital

river- Son & Ganga



3

Which of the following groups represents essential amino acid?

- Alanine, isoleucine, leucine, lysine
- Glycine, proline, serine, and tyrosine
- Alanine, arginine, asparagine, aspartic acid
- Histidine, isoleucine, leucine, lysine\*

functional unit of protein

# Amino Acids

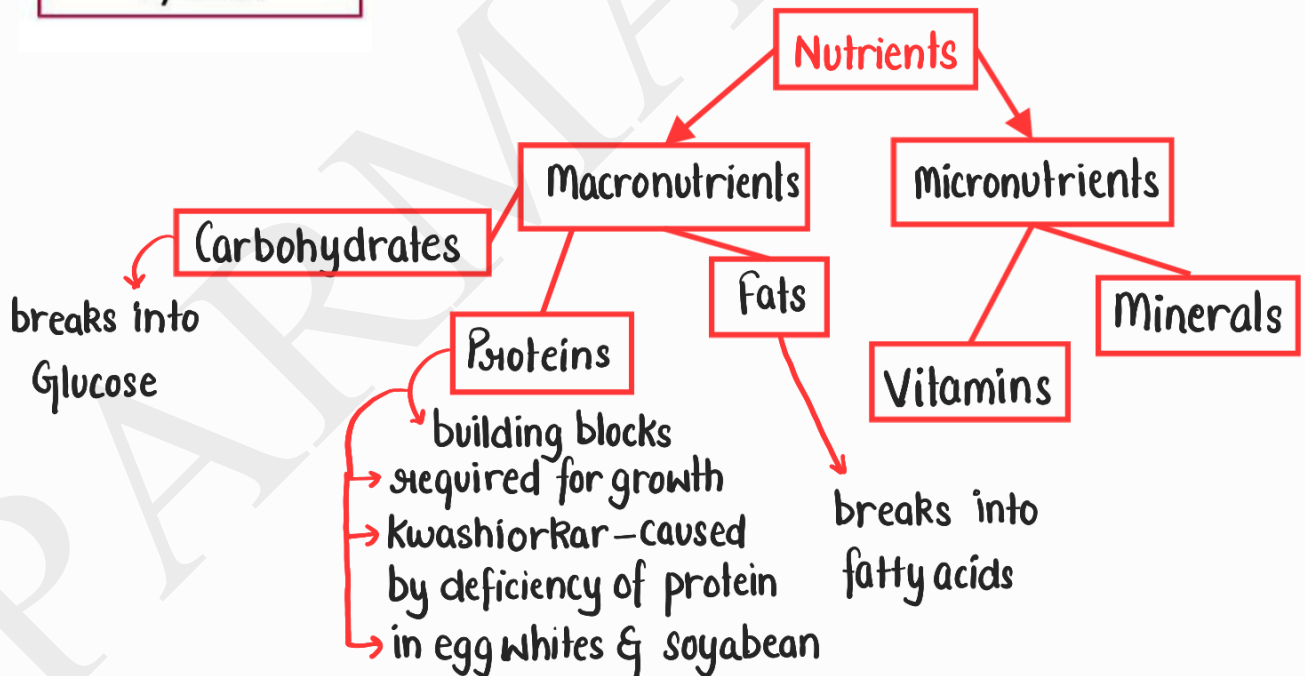
**Essential Amino Acids**  
body cannot synthesis  
Total-9

Essential
Histidine
Isoleucine
Leucine
Methionine
Phenylalanine
Threonine
Tryptophan
Valine
Lysine

**Non-essential Amino Acids**  
body can synthesis

Non-Essential
Alanine
Asparatate
Cysteine
Glutamate

**Protein requirement** - On an average equivalent to body weight in grams. Eg - 70kg body weight requires 70gms of protein daily



**Marasmus** - caused by overall deficiency of nutrients  
**Sodium (Na)** - helps in muscle contraction & to regulate blood pressure

4 Who was the founder of Jaipur-Atrauli gharana?

1. Alladiya Khan
2. Omkarnath Thakur
3. Abdul Karim Khan
4. Ali Baksh Khan

Gharanas → Founders

Kirana Gharana ————— Abdul Karim Khan

Banaras Gharana ————— Pt. Ram Sahai

Lucknow Gharana ————— Ishwari Prasad

↳ Kalka-bindadin Gharana - Birju Maharaj associated

5 Which of the following cell organelles is involved in apoptosis?

1. Golgi → discovered by Camillo Golgi  
 2. ER → post office of the cell

↳ programmed Cell death

3. Lysosome

4. Mitochondria

↳ suicidal bag of cell

↳ has hydrolytic enzyme

↳ formed in RER

↳ two layers

↳ inner- ATP synthesis

↳ Sausage shape

↳ diameter - 0.5 to 1 μm

↳ generates energy using nutrients

↳ Rough - protein synthesis (rough because of ribosomes)

Smooth - fat & lipid synthesis - enzyme - P-450

↳ helps in detoxification

6 The tall sculptures on the Bharhut Stupa are the depictions of \_\_\_\_\_.

1. Mahavira

2. Bodhisattvas

3. Buddha

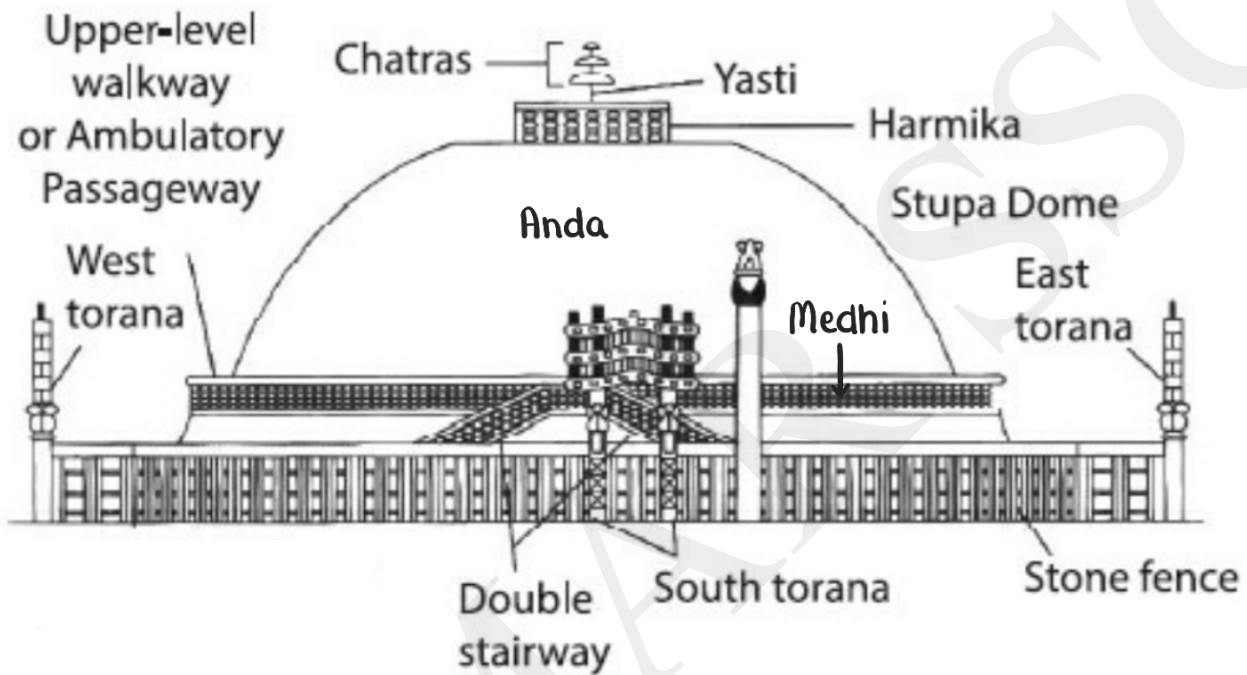
4. Yakshas and Yakshinis

↳ in Madhya Pradesh

↳ Stupa - associated with death of Buddha  
 (Mahaparinirvana) ↳

Symbols → Life Events

- Lotus — Birth
- Horse (name-Channa) — renunciation
- Bodhi tree — Nirvana
- Wheel — first sermon — in Sarnath  
(Dharmachakraparivartana)



Sanchi Stupa

- in Madhya Pradesh
- Festival - Chethiyagiri Vihara
- relics of Sariputta and Mahamogellana
- Ashoka started construction

Sarnath Stupa

- in Varanasi
- also known as Dhamek Stupa  
cylindrical shape

Kesariya Stupa

- largest Stupa in India
- in Bihar

Shanti Stupa

- in Ladakh

Borobudur Stupa

- largest Stupa in the world
- in Indonesia

→ About the history  
of Kashmir

**7** Rajataranagini, the book authored by Kalhana in 12th Century was originally written in which of the following languages?

- |              |               |   |               |
|--------------|---------------|---|---------------|
| 1. Shaurseni | Buddhacharita | → | Asvaghosa     |
| 2. Sanskrit  | Mudrarakshasa | → | Vishakhadatta |
| 3. Tamil     | Lilavati      | → | Bhaskara      |
| 4. Telugu    | Kamasutra     | → | Vatsyayana    |

Harshavardhana Books

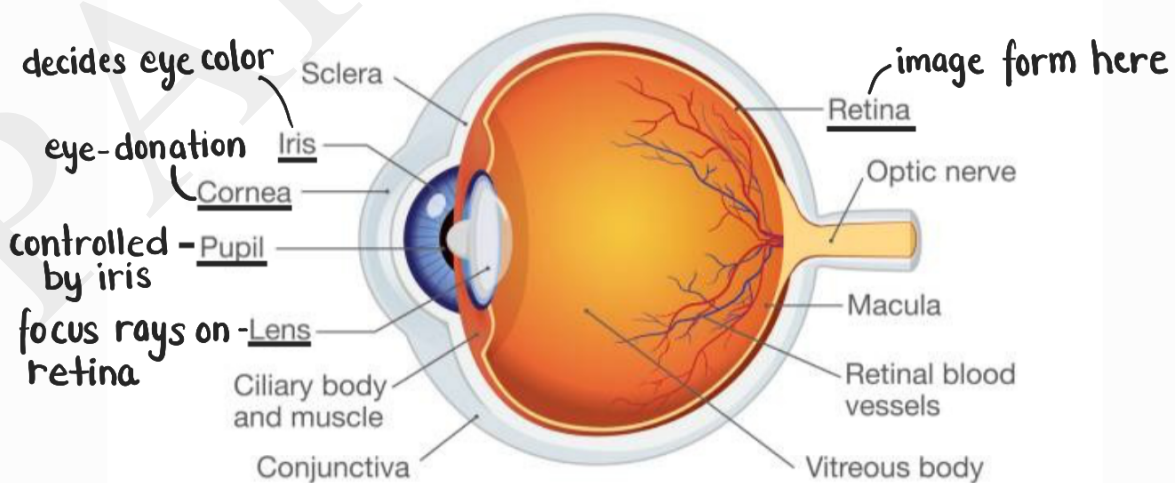
Ratnavali, Priyadarshika, Nagananda

Court Poet- Banabhatta — Harshacharita  
Kadambari

**8** Among the choices listed, which one is NOT a form of cancer?

- |                     |   |                              |
|---------------------|---|------------------------------|
| 1. <u>Glaucoma</u>  | → | eye disease (hereditary)     |
| 2. <u>Sarcoma</u>   | → | Trachoma (bacterial disease) |
| 3. <u>Lymphoma</u>  |   |                              |
| 4. <u>Carcinoma</u> | → | root word for cancer         |

Pupil - Controls the amount of light entering the eye





9

Match the following subject matters with their concerned Articles.

List - A	List - B
1. Superintendence, direction and control of elections to be vested in an Election commission	A) Article 329
2. Power of parliament to make provision with respect to election to legislature	B) Article 324
3. Bar of interference by courts in electoral matters	C) Article 327
1. 1-A, 2-B, 3-C	2.1-B, 2-C, 3-A
2. 1-C, 2-B, 3-A	4. 1-A, 2-C, 3-B

Election Commission → 25th Jan 1950

- Part XV
- Article - 324 - 329
- conducts election for LS, RS, Vidhan Sabha, Vidhan Parishad, President, Vice President
- Art. 325 - No person to be ineligible for inclusion in voter's list
- Art. 326 - Elections to the LS + LA to be based on Universal Adult Franchise (18+)
- Art. 328 - Power of State legislature to make provision with respect to election to legislation
- Single membered body initially → became multimembered in 1989 → 1 + 2 after 61st CA
  - CEC Other EC
  - voting age decreased to 18
- First EC - Sukumar Sen
- Current EC - Rajeev Kumar

State Election Commission

- conducts election for local bodies - Panchayats, Municipalities

**10** Match the following

**Characteristics/Other Name**

**Name of River**

- A. Area of Badland topography
- B. Vridh Ganga
- C. Tsangpo
- D. Sorrow of Bihar

- 1. Godavari → Dakshin Ganga
- 2. Brahmaputra
- 3. Kosi → tributary of Yamuna
- 4. Chambal → known for Gully erosion  
→ origin- Mhow plateau

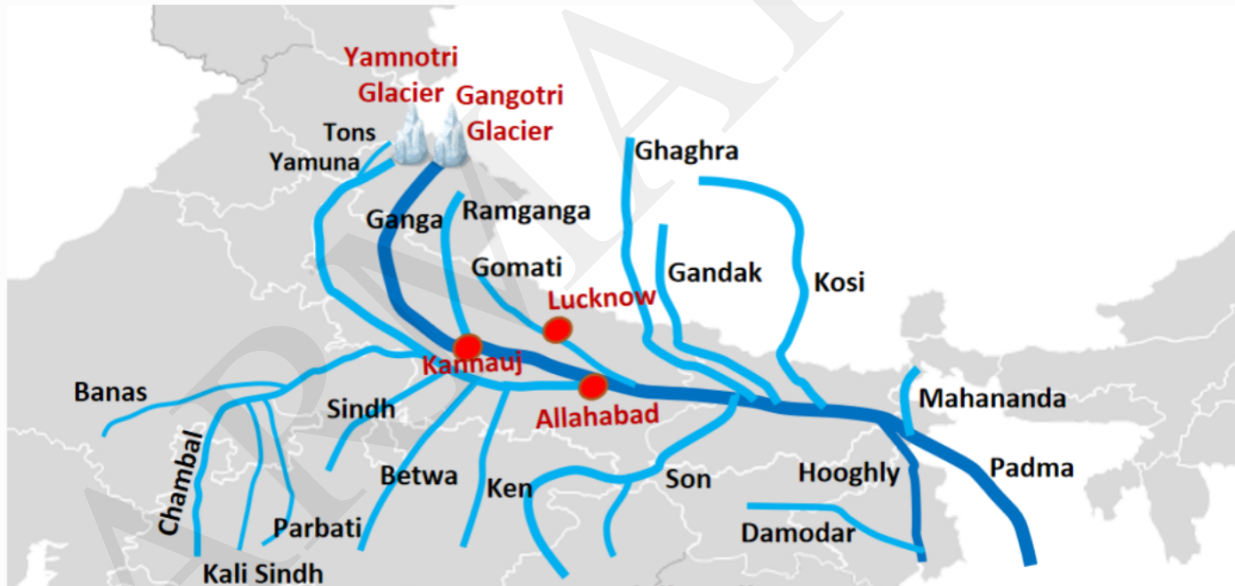
- 1. A-1, B-4, C-2, D-3
- 3. A-4, B-1, C-3, D-2

- 2. A-4, B-2, C-1, D-3
- 4. A-4, B-1, C-2, D-3



Damodar river  
→ Sorrow of Bengal  
→ tributary of Hooghly

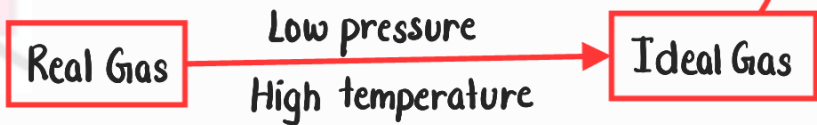
→ ravines created



**11** What will be the average kinetic energy per molecule in SI units for an ideal gas at a temperature of 25°C?

- 1.  $6.17 \times 10^{-21} \text{ J}$
- 2.  $9.17 \times 10^{-22} \text{ J}$
- 3.  $8.17 \times 10^{-22} \text{ J}$
- 4.  $7.17 \times 10^{-20} \text{ J}$

→ energy of motion. Eg- ball rolling  
→  $\frac{1}{2}(\text{mass}) \times (\text{Velocity})^2 \Rightarrow \frac{1}{2} MV^2$   
→  $\frac{p^2}{2m}$  → relation with linear momentum



Potential Energy - the stored energy in an object due to its position/state & forces acting on it  
 Eg- stretched rubber band  
 ↓  
 (mgh)

12 Which of the following holy days in Christianity is a mourning day?

- 1. Easter
- 2. Maundy Thursday
- 3. Christmas
- 4. Good Friday

crucifixion of Jesus

Jesus came back to life

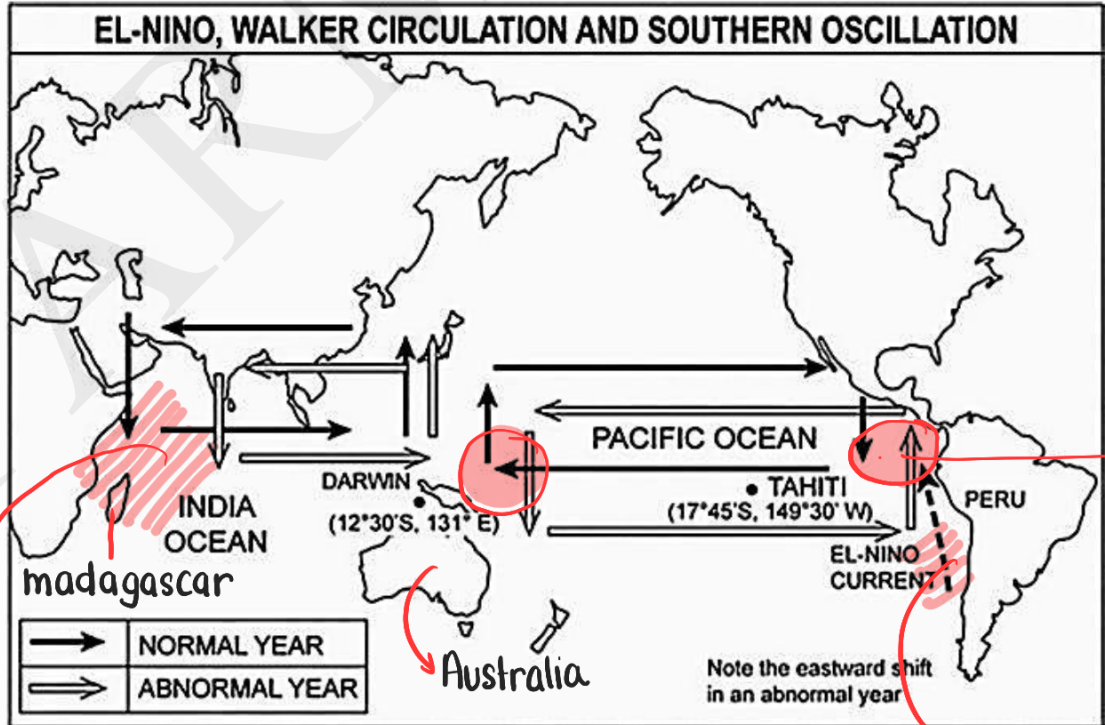
2-3 days after Good Friday

13 What is the name of the cold phase of the ENSO climate pattern that describes the unusual cooling of the surface waters of the region?

- 1. ENSO-neutral
- 2. NINO-3 region
- 3. La Nina
- 4. Trans-Nino

El-Nino - Small boy/Child Christ  
 After 3-7 years a situation arises where North & South Trade winds are weak  
 warm phase

Cold phase  
 Small girl



High pressure

warm water

favourable for farmers

- Geographers measure pressure difference b/w Darwin & Tahiti

- ve = El-Nino
- +ve = normal rain

**14** How many players from one team can play in a Kabaddi match at a time?

1. 8
2. 7
3. 9
4. 10



Football

Players-11

Players to start the game -7

Super tackle - When 3 or less defenders are there

- depicted by closed fist up in the air
- 2 points

**15** Which of the following options represents the total income earned by individuals from all the sources before deduction of personal income taxes?

1. Personal income
  2. Disposable income
  3. National income
  4. Gross income
- after deduction of taxes

$$PI = NI - \text{Undistributed Profits} + \text{Subsidy} - IP$$

$$PDI = PI - \text{Tax}$$

Undistributed Profits - Income earned but not received

Subsidy - Income received but not earned

**16** From which of the following epics did the Garadi folk dance of Puducherry originate?

1. Ramayana
  2. Mahabharata
  3. Panchatantra
  4. Hitopadesha
- Pandavani - Chattisgarh
- Teejan Bai (Padma Vibhushan - 2019)
- Usha Barle

Written by Vishnu Sharma

Pantheri Dance - Chattisgarh → Karma, Raut Nacha, Sua nacha, Saila, Gendi dance  
 ↪ Radheshyam Barle

17

Sashastra Seema Bal is the lead intelligence unit for the \_\_\_\_\_ and Bhutan borders and the coordinating agency for national security activities.

1. Pakistan
2. Myanmar
3. Bangladesh
4. Nepal

BSF - guards Bangladesh & Pakistan borders

ITBP - Guards China border

↪ Nepal & Bhutan Border

Assam Rifles - Myanmar Border  
 ↪ control under Ministry of Defence

CAPF - control under Ministry of Home Affairs

18

Who among the following has written the 'Badshah Nama'?

1. Abdul Hamid Lahori
2. Inayat Khan
3. Abul Fazl — Ain-e-Akbari
4. Babur

↓  
 about Shahjahan

Shahnama - Firdowsi

Tarikh-i-Mubarak Shahi - Yahya Bin Sirhindi

Tarikh-i-Firozshahi - Ziauddin Barani

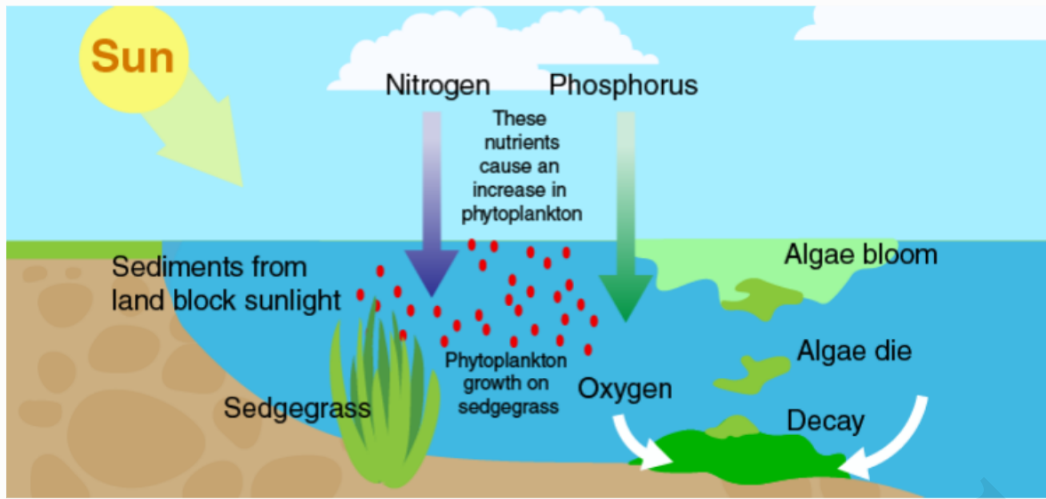
19

**Biotic potential can be defined as:**

1. the maximum number of individuals a species can produce
2. the minimum number of individuals of a species that can survive but cannot reproduce
3. the minimum number of individuals a species can produce
4. the maximum number of individuals of a species that cannot survive after birth

Carrying Capacity - Environment's capacity of species average population size in a particular habitat

Eutrophication - process by which a water body becomes overly enriched with nutrients, leading to increase in Biological oxygen demand



- 20** Which of the following is a possible criticism of privatisation?
1. Excessive government interference into private businesses
  2. Expansion of bureaucracy and efficiency in public enterprises
  3. Reduced competition and innovation in the market
  4. Limited access to essential services for marginalised populations
- in Public Sector

	<b>+ve marginal cost</b>	<b>Excludable</b>	<b>Non-Excludable</b>
<b>Rivalrous</b>		<b>Private Goods</b> food, clothing, cars, personal electronics	<b>Common Goods</b> fish stocks, timber, coal
<b>Non-Rivalrous</b>		<b>Club Goods</b> cinemas, private parks, satellite tv	<b>Public Goods</b> air, national defense
			<b>-ve marginal cost</b>

- CA** Q. Which Indian Railway Station presented with Asia Pacific Cultural Heritage Award by UNESCO
- a) Gorakhpur
  - b) Hubli
  - c) **Byculla**
  - d) Delhi
- HQ - Paris, France

- CA** Q. What was India's rank in World University Games 2023 ?
- a) 5
  - b) 6
  - c) **7**
  - d) 8
- Host -> China  
Winner ->