



Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :



Mahendra's



एसएससी CGL/CHSL/CPO SERIES

GS

Good evening to All
of you

PYQ Discussion - Science
With Detail Analysis

LIVE

6:30 PM





Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :



Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :

2017 → Nobel

Which day is celebrated on 16 March in India

- A. National Technology Day
- B. National Science Day
- C. National Blood Donation Day
- D. National Vaccination Day

NATIONAL VACCINATION DAY



March 16

भारत में हर साल 16 मार्च को कौन सा दिन मनाया जाता है?

- A. राष्ट्रीय प्रौद्योगिकी दिवस
- B. राष्ट्रीय विज्ञान दिवस
- C. राष्ट्रीय रक्तदान दिवस
- D. राष्ट्रीय टीकाकरण दिवस

Universal Immunization

1970 - 1971

BCG ✓
Polio ✓

Tetx ✓

8

2.0

Covid-19
6:30 am

1100

1995

Polio

31 Jan

World Polio

24 Oct

Vaccine Maitri

सुराक्ष
विषाक्त
वाक्
क्षीर

Nahim
Polio

दो दो
जिंदगी

Mission Indradhanu



Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :

COVAXIN		COVISHIELD	
DEVELOPED BY BHARAT BIOTECH ICMR		DEVELOPED BY SERUM INSTITUTE OF INDIA	
VACCINE TYPE INACTIVATED		VACCINE TYPE NON REPLICATING VIRAL VECTOR	
EFFICACY N/A		EFFICACY DCGI: 70.42% overall	
STORAGE TEMPERATURE 2-8 DEGREES CELSIUS		STORAGE TEMPERATURE 2-8 DEGREES CELSIUS	
DOSES TWO DOSES (0,14 DAYS)		DOSES TWO DOSES (GAP OF 2.5 TO 3 MONTHS)	



Imp
Share

Gangy

The name of which disease among the following means 'evil influence of the stars'?

- (a) Cholera B
- (b) Plague B
- (c) Influenza B
- (d) Typhoid B

निम्नलिखित में से किस बीमारी का नाम 'तारों का बुरा प्रभाव' है?

- (ए) हैजा
- (ब) प्लेग
- (c) इन्फ्लुएंजा
- (d) टाइफाइड

Bacteria

Bacteria

Host

Capside

protein shell

spikes

RNA
OR
DNA

Connecting link b/w
living & non living

Protoplast

Protoplasma

Cytoplasm + Nucleoplasm
जीवद्रव्य

Zoonotic virus

Animal = zoonotic virus
Plant = phyto virus



National
8/Jan
World
24 Oct

Polio is caused by which of the following organisms?

1. Protozoa →

2. Bacteria →

3. Fungi →

4. Virus →

Polio, Sleeping Sickness, Malaria

Cholera, Diphtheria, Leprosy, Pneumonia,
Plague, Typhoid, Tuberculosis, Tetanus

Athlete's foot, Asthma, Ring Worm

Small Pox, Chicken Pox, Influenza,
Mumps, Rabies, HIV,
COVID-19

Plasmodium
vivax

CG
ST
Bel

Polio

24/11/21

Malaria

Cause - Plasmodium
vector = ♀ Anopheles mosquito

Quinine

Drug

Chloroquine

Cinona bark



Share

सूची- II के साथ सूची- I का मिलान करें और नीचे दिए गए कोड का उपयोग करके सही उत्तर चुनें

Match List-I with List-II and select the correct answer by using the codes given below

List-I

Vitamin

Enzyme

Hormone

Protein

List-II

1. Pepsin

2. Carotene *work*

3. Keratin *work*

4. Progesterone

Codes:

(a) A-1; B - 2; C-3; D-4

(b) A-2; B-1; C-4; D-3

(C) A-2; B-1; C-3; D-4

(d) A-1; B-2; C-4; D-3

सही



चावल को पॉलिश करना और चावल को बार-बार धोना विटामिन को हटा देता है

Polishing of rice and repeated washing of rice removes the vitamin

Sci Name - *Oryza Sativa*



Potato

Neem

Mango

Wheat

Pea

B₂ (1) Riboflavin

B₃ (2) Niacin

B₆ (3) Biotin

B₁ (4) Thiamine



VITAMIN

FAT SOLUBLE

वसा घुलनशील

A

D

E

K

WATER SOLUBLE

जल घुलनशील

B

C





Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE : ET4267

wed →

UPCOMING ONLINE BATCHES MAY 2021

 1800-103-5225

05 May 2021	12 May 2021	19 May 2021	26 May 2021
08:00 AM to 10:00 AM LIVE PREMIUM SILVER CARD (CGL & CHSL)	01:00 PM to 03:00 PM LIVE PREMIUM SILVER CARD (CGL & CHSL)	10:30 AM to 12:30 PM LIVE PREMIUM SILVER CARD (CGL & CHSL)	07:30 PM to 09:30 PM LIVE PREMIUM SILVER CARD (CGL & CHSL)
03:00 PM to 05:00 PM LIVE PREMIUM GREEN CARD (IBPS PO & CLERK)	05:30 PM to 07:30 PM LIVE PREMIUM GREEN CARD (IBPS PO & CLERK)	01:00 PM to 03:00 PM LIVE PREMIUM GREEN CARD (IBPS PO & CLERK)	08:00 AM to 10:00 AM LIVE PREMIUM GREEN CARD (CGL & CHSL)
BILINGUAL	BILINGUAL	BILINGUAL	BILINGUAL
10:30 AM to 12:30 PM LIVE PREMIUM GREEN CARD (IBPS PO & CLERK)	03:00 PM to 05:00 PM LIVE PREMIUM SILVER CARD (CGL & CHSL)	07:30 PM to 09:30 PM LIVE PREMIUM GREEN CARD (IBPS PO & CLERK)	
ENGLISH MEDIUM	ENGLISH MEDIUM	ENGLISH MEDIUM	



Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :

**Live Class
Bilingual**



SBI Clerk Prelims 2021



45 Days Crash Course

Start Date: 05 May, 2021

SBI ✓





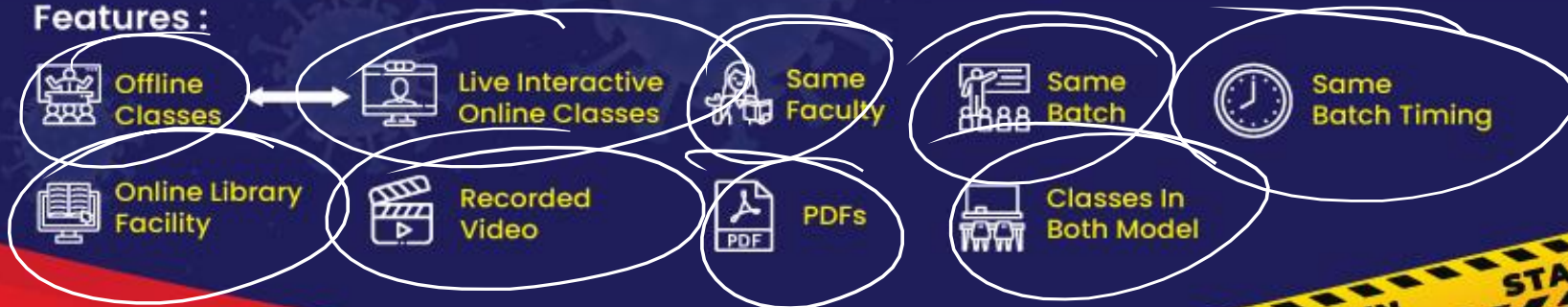
Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :

Don't Let Your Studies Get Impacted By COVID-19 Pandemic

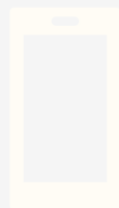
Stay Home & Study Online With Mahendras Hybrid Model

Features :



CONTACT US:

1800-103-5225





Vitamin deficiency diseases chart

$\frac{11111}{252}$ \rightarrow 225 Vit E
Bentley Vit E
252 clothing \rightarrow $\text{L} \times$
225 \rightarrow $\text{L} \times$

Vitamin generic	Vitamin chemical name(s)	Deficiency disease
Vitamin A	all-trans-Retinol	Night blindness, hyperkeratosis, and keratomalacia
Vitamin B1	Thiamine \rightarrow Rice	Beriberi, Wernicke-Korsakoff syndrome
Vitamin B2	Riboflavin	Ariboflavinosis, glossitis, angular stomatitis



Vitamin generic	Vitamin chemical name(s)	Deficiency disease
Vitamin B3	Niacin, Niacinamide, Nicotinamide riboside	Pellagra
Vitamin B5	Pantothenic acid	Paresthesia
Vitamin B6	Pyridoxine, Pyridoxamine, Pyridoxal	Anemia, Peripheral neuropathy
Vitamin B7	Biotin	Dermatitis, enteritis
Vitamin B9	Folates, Folic acid	Megaloblastic anemia and deficiency during pregnancy is associated with birth defects, such as neural tube defects

Cancer





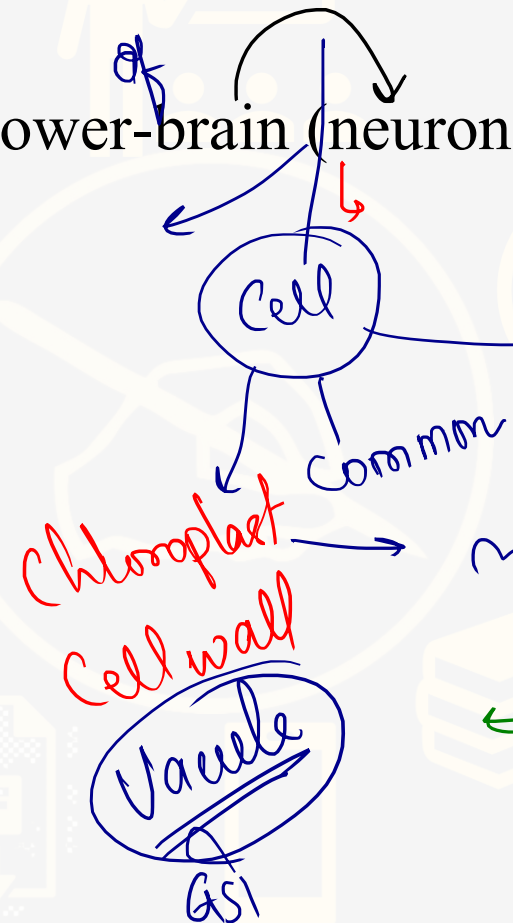
Vitamin generic	Vitamer chemical name(s)	Deficiency disease
Vitamin B12	Cyanocobalamin	Pernicious anemia
Vitamin C	Ascorbic acid	Scurvy
Vitamin D	Calciferol	Rickets and osteomalacia
Vitamin E	Tocopherols, Tocotrienols	mild hemolytic anemia in newborn infants
Vitamin K	Phylloquinone, Menaquinones	Bleeding diathesis

Never
Done



अनुपस्थिति के कारण कम से कम पुनर्जनन शक्ति-मस्तिष्क (न्यूरॉन्स)

Least Regenerations power-brain (neurons) due to absence of



Plant cell cell division

Animal = cell division
↓
Meiosis Mitosis

Centriole vacuole (A)

Centriole

centrosomes तारककाया

Chlorophyll हरितलवक

Cell plate कोशिका प्लेट

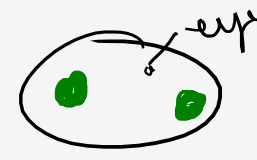
Ribosome रिबोसोम

Plastid

Chloroplast & तारककाया

Chloroplast → Petal colour

Leucoplast → Green



Starch

L → C



Match List-I (Physiological processes) with List-II (Cell organelles) and select the correct answer by using the codes are given below:

लिस्ट- II (सेल ऑर्गेनेल) के साथ लिस्ट- I (फिजियोलॉजिकल प्रक्रिया) का मिलान करें और कोड का उपयोग करके सही उत्तर चुनें:

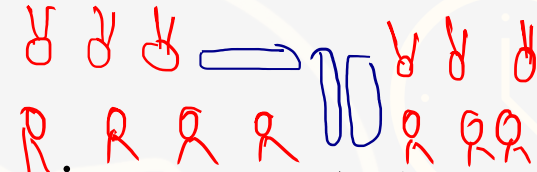
List-I

A. Photosynthesis

B. Mineral uptake

C Respiration

D Protein synthesis



lipid protein

प्रकाश संश्लेषण

खनिज का उठाव

श्वसन

प्रोटीन संश्लेषण

प्लाज्मा झिल्ली

क्लोरोप्लास्ट

माइटोकॉन्ड्रिया

राइबोसोम

List-II

Plasma membrane

Chloroplast

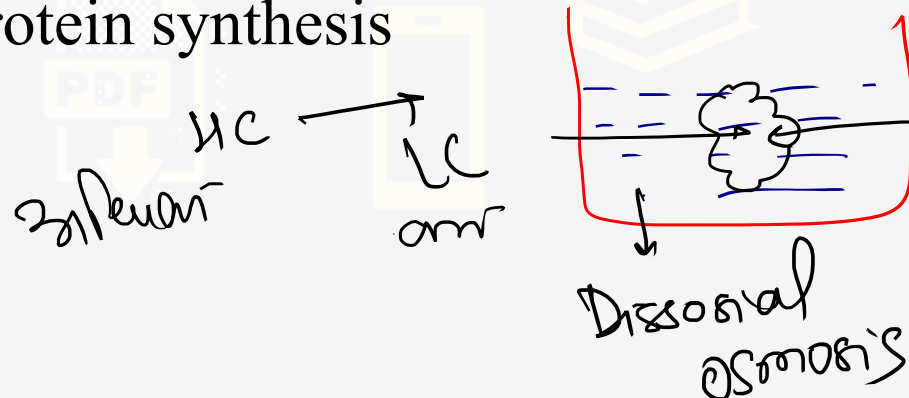
Mitochondria

Ribosomes

plasma lemma cell membrane

अर्ध पारगम्य

Semi



(a) A-1; B-2; C-3; D-4

(b) A-1; B-2; C-4; D-3

☒ (c) A-2; B-1; C-3; D-4

(d) A-2; B-1; C-4; D-2

The powerhouse of cell is 

Kollider

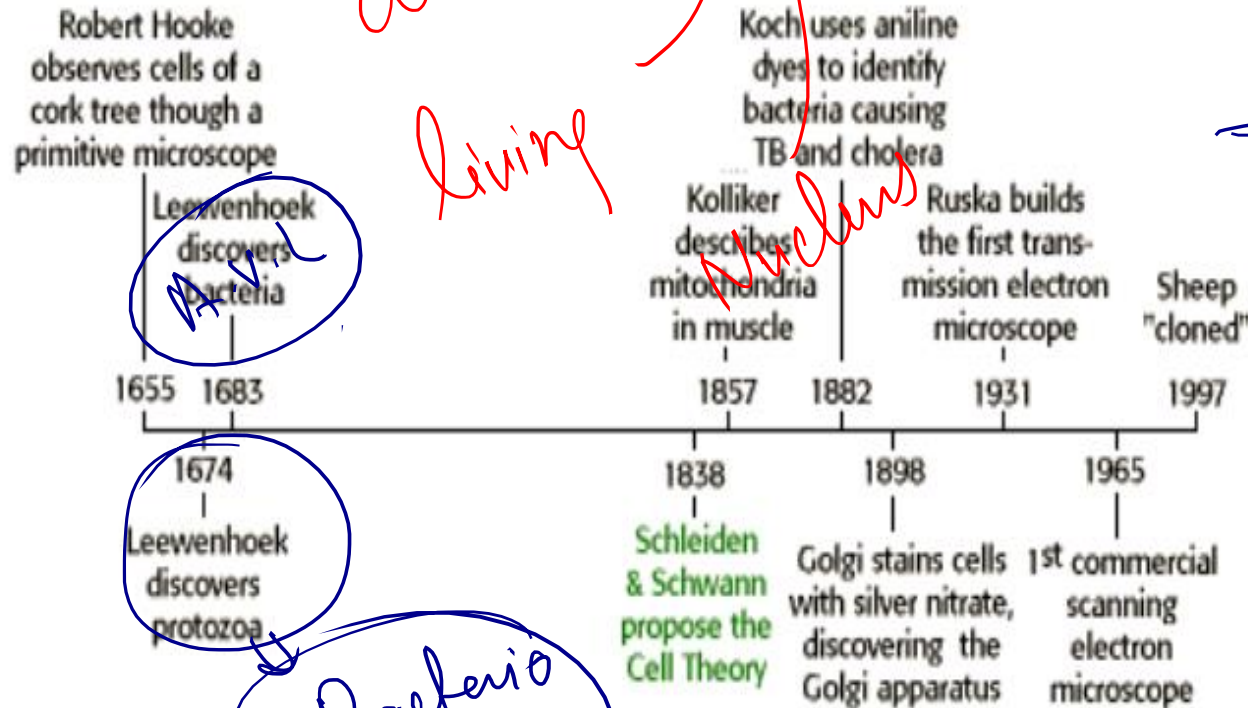
- Hock
 - Brown
 - Kocht

सेल के बिजलीघर है
a. cell wall
b. mitochondrion

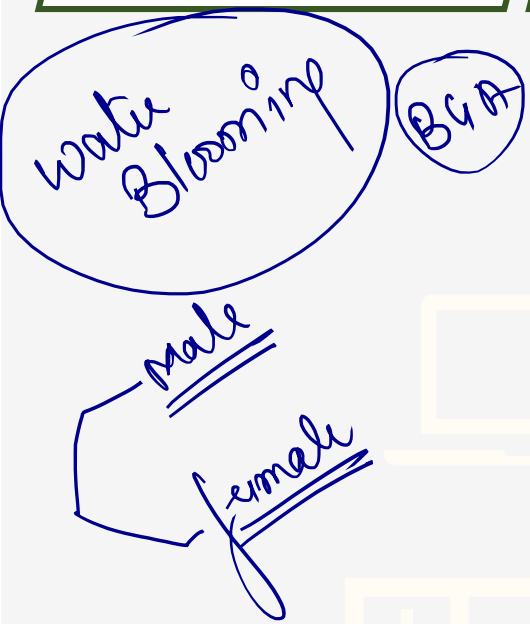
c. ribosome
d. nucleus

Timeline of Cellular Discovery

Major events in cell biology & imaging



Bakterio- logie



Insects responsible for transmitting diseases are called

(1) Vector

(2) Transmitter

(3) Drones

(4) Conductor

रोगों के संक्रमण के लिए जिम्मेदार कीट कहलाते हैं

(१) वेक्टर

(२) ट्रांसमीटर

(३) ड्रोन

(४) संचालक

Pathogen रोगाणु

Virus

Bacteria

Fungus

Worms

Protozoa

vector - Insects

Malaria

Sleeping

Feaver - 2

Dengue

हाथी पाक / W.B



Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE :

The vector of disease sleeping sickness is

रोग नींद की बीमारी के वेक्टर है

- (1) sand-fly
- (2) house-fly
- (3) fruit-fly

✓ (4) tse-tse fly

SSC Combined Graduate Level

2011



Asthma
Ring worm
Athlete's foot
Baldness / Hair loss

Py → Entomoebola
→ Kala Azar
→ Sleeping
→ Malaria

Plasmodium Virus

Bacterial

CG → Cholera
L → Leprosy
ST → Syphilis
Tetanus
TB
Bacter

Pneumonia, plague
Anthrax
Whooping Cough

BCG
Widal

So

Pasture

Protozoa

vector

Arachnid

Quinin

mg

filaria → elephant

worm

white worm

Tapeworm

L. Pasture

Bat - fruit

ELISA



वह एंजाइम जिसकी उपस्थिति में ग्लूकोज और फ्रुक्टोज शराब में परिवर्तित हो जाते हैं

The enzyme in whose presence glucose and fructose are converted into alcohol is

Comment

Enzyme

Hormon

अणु अणु

?

(1) Diastase

(2) Maltase

(3) Invertase

(4) Zymase



Which enzyme is used to convert glucose into ethyl alcohol?

"Alcoholic fermentation converts one mole of sucrose into two moles of ethanol and two moles of carbon dioxide, producing two moles of ATP in the process. The overall chemical formula for alcoholic fermentation is:



Cell Respiration
2 ATP

2 ATP
2 ATP

1G → ATP

1G → ATP