



SSC GK

PYQs Class Notes

PART-4

Parmar Sir

Lecture:- 29

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LECTURE-29



Also work for welfare of Anglo Indians

1

Through which constitutional amendment NCSC was formed ?

1. 69th — National Capital Territory of Delhi (Art 239AA)
2. 89th — NCST
3. 52nd
4. None



- Earlier — Special officers for SC/ST
- (65th CA — Commission for SC/ST (Joint)
- (89th CA — Bifurcated into NCSC (Art-338) and NCST (Art-338A)
- 102nd CA — National Commission for Backward Classes (Art-338B)
- 52nd CA — Added 10th Schedule (Anti-Defection Law)
- 50th CA — Made changes in Article 33
- 1st CA — Added 9th Schedule (Land reforms)
- 73rd CA — Added 11th Schedule (Panchayat)
- 74th CA — Added 12th Schedule (Municipalities)
- 100th CA — India + Bangladesh Land Boundary Agreement
- 101st CA — GST
- 103rd CA — Reservation for EWS
- 104th CA — Abolition of Anglo-Indians nomination in LS and LA

2

Which of the following persons was appointed Chairman of the Second National Judicial Pay Commission?

निम्नलिखित में से किस व्यक्ति को द्वितीय राष्ट्रीय न्यायिक वेतन आयोग का अध्यक्ष नियुक्त किया गया?

1. Justice PV Reddi
2. Justice JS Verma
3. Justice AS Anand
4. Justice R Basant



3

Which of the following is issued by commercial banks at a discount on face value?

निम्नलिखित में से कौन सा वाणिज्यिक बैंकों द्वारा अंकित मूल्य पर छूट पर जारी किया जाता है?

1. Treasury bills — Short term govt. securities (<1yr maturity period)
2. Certificates of deposits — issued in 3 tenure
3. Commercial papers
4. Promissory notes

91 days
182 days
364 days





Open-Market Operations

Overnight Purchase
(buying & selling of
govt. securities)

Repo (Repurchase
Obligation)

4

Name the Chola inscription that provided details of the way in which the sabha was organised in the local administration in the Chola empire.

उस चोल शिलालेख का नाम बताइए जिसमें चोल साम्राज्य में स्थानीय प्रशासन में सभा के संगठन के तरीके का विवरण दिया गया है।

1. Thirunanthikarai inscription
2. Thiruvallangadu inscription
3. Uttaramerur inscription
4. Darsanam Koppu inscription

Ur- Settlements of common peasants
Sabha- Assembly of Brahmins
Nadu- Collection of Urs



- Land donations

to organise this Sabha was organised

- Brahmadeya- Donation to Brahmins
- Shalabhoga- for maintenance of schools
- Devadana- Land gifted to temples
- Vellanvagai- Land donated to non-Brahmin peasants
- Pallichchandam- Land donated to Jain institutions

- Chola empire known for village assemblies

Founder- Vijayalaya

on Kaveri Delta
made temple for Goddess

Nishumbhasudini



- Tamil Nadu- Great living chola architecture found

2 Brihadeswara Temple | 1 Airahadeshwar temple

Tanjore
(Rajarajeshwar
temple)
By Raja Raja I

Gangaikondacholapuram
(Rajendra I)

Shaivite temple

Raja Raja II

5

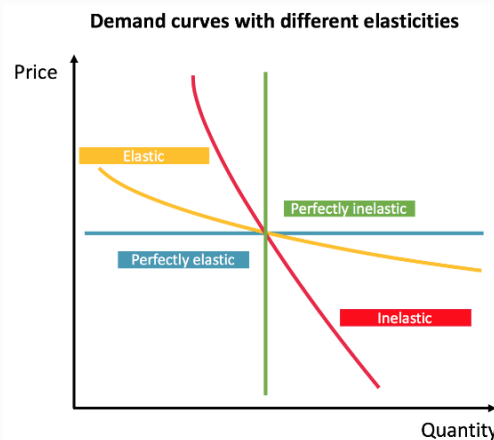
The demand curve that a firm faces in a perfectly competitive market is .

1. Elastic — Monopolistic
2. Inelastic — Oligopoly
3. Perfectly Elastic
4. Perfectly Inelastic — Monopoly

Market structure	Number and size of the companies	Characteristic of products	Conditions of entrance to the market	Availability of market information	Examples
Perfect competition	Big number of small companies	All companies manufacturing the standard products	Companies are free to enter and leave the market	Information is available for all the companies	Stock markets, food markets etc.
Monopoly competition	Big number of small companies	Differentiated goods	No boundaries to enter the market	There are some limitations	The market of cosmetics, perfumes, shoes, clothes
Oligopoly	Small number of companies, existence of big firms	Standard or differentiated goods	Companies have issues to enter market	Limitation of information	Car manufacturing, tobacco industry etc
Monopoly	One company	Unique product without substitution	Solid boundaries to enter the market	Limitation of information	Energy companies, water stations, phone companies

Elastic demand- Change in quantity demanded due to change in price is large

Inelastic demand- Change in quantity demanded due to change in price is low



6

In 1960, which isotope was used to define the standard measure of length?

1. Krypton-86 — Same atomic no. (z) | diff. atomic mass (A)
2. Krypton-90 — Isobar — same atomic mass (A) | diff. atomic no. (z)
3. Krypton-88 — Isotone — same neutron (A-z)
4. Krypton-83 — Isomers — same formula | diff. structure

- Isotopes

- I-131 - Iodine — Goitre treatment — Thyroxine hormone has iodine released by Thyroid gland

- Co-60 - Cobalt — Cancer treatment

²³⁵₉₂U - Uranium - Nuclear fission

- C-14 - Carbon - Carbon dating

³⁵₁₇Cl ³⁷₁₇Cl → effective - ^{35.5}₁₇Cl

3 : 1



7

Where was India House formed ?

1. Delhi
2. San Francisco
3. London
4. New York

in 1905

By Shyamji Krishna Verma

formed India home rule league society (1905) (London)



- Indian League - 1875 - By Sisir Kumar Ghosh
- Ghadar Party - HQ - San Francisco | Formed in 1913
 - By - Lala Har Dayal, Sohan Singh Bhakna, Bhai Parmanand etc
- 1914 - Komagata Maru incident
 - Japanese ship - sailing from Hongkong to Vancouver Canada via Shanghai China
- New York - HQ of Theosophical society (est. - 1875)
- Punjab Naujawan Bharat Sabha - (1926) - By Bhagat Singh
- 8th April 1929 - Bhagat Singh + Batukeshwar Dutt threw bombs at Legislative Assembly (Delhi) against public safety bill (passed in 1928)

8

_____ is a musical composition that expresses devotion through madhura bhakti.

1. Padam
2. Gita
3. Tillana
4. Kriti



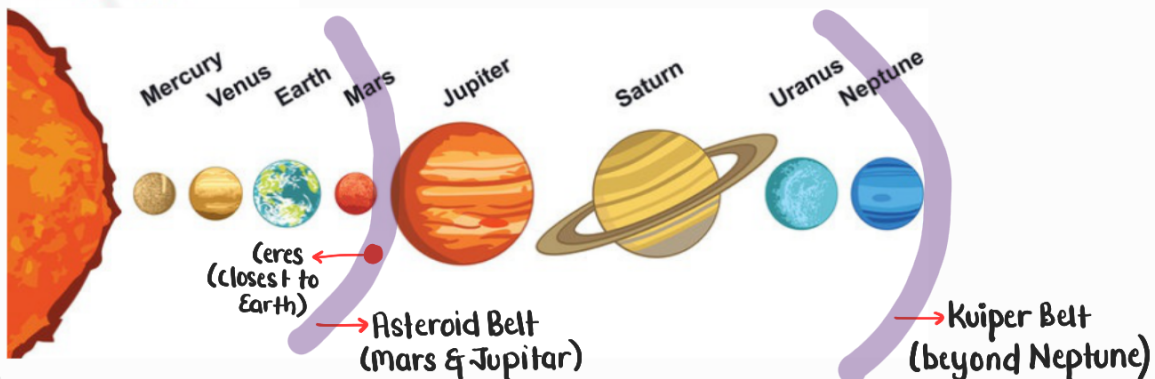
9

Which is, by far, the closest dwarf planet orbiting at only 2.8 times Earth's distance from the sun?

1. Makemake
2. Pluto
3. Ceres
4. Eris

largest

+ Haumea → All in Kuiper Belt (dwarf planet)



- Venus + Uranus rotates clockwise (east to west)

10

Which of the following disease caused due to Trypanosoma.

1. Kala Azar — Leishmania / carrier - Sand Fly

2. Sleeping Sickness — carrier - Tse-Tse flies

3. Plague

4. Karsauff Syndrome — Thiamine deficiency
spleen enlarge

Yersinia peptis

- Leishmania - Binary Fission



- Pathogen
- type of Protozoa

around an
orientation

11

In honey bees, _____

1. males are haploid and females are diploid.

2. males are tetraploid and females are triploid.

3. males are triploid and females are tetraploid.

4. males are diploid and females are haploid.

- Chromosomes - Walther
Flemming

- Haploid - (chromosomes not paired) - Diploid - (paired chromosomes)



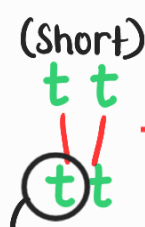
- 'Gene' - term by Wilhelm Johannsen (1909)

- Gregor Mendel - Father of Genetics (From Austria)

Pea Plant (Pisum Sativum)



Dominant Gene



Recessive Gene

Law of Segregation
(in monohybrid cross)
(one trait considered)

F1

	T	T
t	tT	Tt
t	tT	Tt

Tt > Tall

TT - Pure tall



F2

	T	t
T	TT	Tt
t	Tt	tt

Pure tall (1/4 chances)

Short (1/4 chances)

Tall (3/4 chances)

1 TT | 2 Tt | 1 tt

1 : 2 : 1 → Genotype Ratio

Tall : Short

3 : 1 → Phenotype Ratio

- Dihybrid Cross - 2 traits considered

R r
(Round seed)

Y y
(Yellow seed)

law of independent assortment works

F1

	Ry	ry
RY	RrYy	RrYy
RY	RrYy	RrYy

All Round and Yellow Seeds

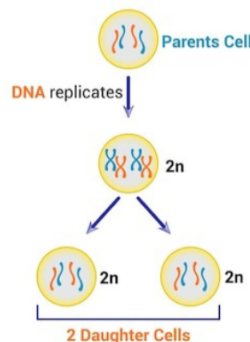
F2 - 16 cases form

	RY	RY	ry	ry
RY	<p>Round & Yellow : 4 D/D</p> <p>Round & green : 3 D/R</p> <p>wrinkled & yellow : 3 R/D</p> <p>wrinkled & green : 1 R/R</p>			
RY				
ry				
ry				

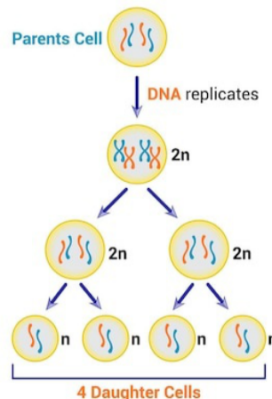
Genotype Ratio

9 : 3 : 3 : 1

MITOSIS



MEIOSIS



12

Which of the Mendel's laws states that a diploid organism passes a randomly selected allele for a trait to its offspring, such that the offspring inherit one allele from each parent?

मेंडल के किस नियम के अनुसार एक द्विगुणित जीव एक गुण के लिए यादृच्छिक रूप से चयनित एलील को अपनी संतानों को इस प्रकार देता है कि संतान को प्रत्येक माता-पिता से एक एलील विरासत में मिलता है?

1. Law of independent assortment — In Dihybrid cross
2. Law of dominance
3. Law of paired factor
4. Law of segregation — In monohybrid cross

— **Epistasis** — effect of gene mutation is dependent on the presence or absence of mutations in one or more other genes termed as modifier genes

13

In which country is the 'Kachin Manaw Festival' celebrated?

Capital- Male / President- Md Muizzu / Language - Dhivehi

1. Maldives
2. Nepal
3. Myanmar — Old Name- Burma
4. Sri Lanka — Capital- Naypyidaw

language - Sinhala

14

What is 'Padam' in Carnatic Music?

कर्नाटक संगीत में 'पदम' क्या है?

1. A poem about courage
2. A patriotic poem
3. A love poem
4. A lullaby



15

In which state is the Raika tribe found?

1. Rajasthan — Manganiar community — Kamaicha
2. Kerala
3. Manipur — Kuki and Meiti Tribe
4. West Bengal

— **Andaman & Nicobar** — Shompen, Onge, Jarwas, Sentinalese, Great

Nicobares — 1st time participated in General Elections (2024)

— Rongker Dance — (Assam) — Karbi Tribe

— Paika Dance — (Jharkhand) — Munda Tribe

— Lambadi Dance — Banjara Tribe

16

Which of the following organisms belongs to phylum Apicomplexa?

1. Physalia
2. Plasmodium — Multiple Fission
3. Hydra — Cnidaria
4. Sponge — Budding (in Yeast)

— **Euplectella** — Glass Sponge

— **Planaria** — Regeneration
Platyhelminthis (Flame cells)
excretory cells



17

Who among the following is related to Hindustani classical singing?

निम्नलिखित में से कौन हिंदुस्तानी शास्त्रीय गायन से संबंधित है? (North India)

1. Aruna Sairam
2. Mallikarjun Mansur
3. Srinavasa Iyer
4. Ramanuj Iyengar

Trinity of Carnatic Music

- Tyagaraja
- Muthuswami Dikshitar
- Syama Sastri



18

How many countries participated in the first Asian Games held in 1951?

1951 में आयोजित प्रथम एशियाई खेलों में कितने देशों ने भाग लिया था?

1. 11
2. 20
3. 24
4. 16

2nd time (India) - 1982
Aichi, Nagoya (Japan) - 2026
Doha, Qatar - 2030

19

In November 2022, the Supreme Court upheld the 10% reservation of EWS quota. This EWS reservation was granted on the basis of recommendations from which of the following commissions?

नवंबर 2022 में सुप्रीम कोर्ट ने EWS कोटे के 10% आरक्षण को बरकरार रखा। यह EWS आरक्षण निम्नलिखित में से किस आयोग की सिफारिशों के आधार पर दिया गया था?

1. Mandal commission - 2nd Backward Commission (1979) - Indira Sahni Case
2. Sinho commission
3. Kelkar commission
4. Sarkaria commission - Centre-State relation (1983)

Punchhi Commission

- 1st Backward Commission - Kaka Kalelkar (1953)

20

Which folk music of Jammu and Kashmir is sung in wedding ceremonies?

जम्मू और कश्मीर का कौन सा लोक संगीत विवाह समारोहों में गाया जाता है?

1. Baul - WB
2. Alha
3. Wanawun
4. Panihari - Rajasthan



21

The Mundra Thermal Power Plant is located in which district of Gujarat?

1. Jamnagar
2. Kheda
3. Kutch - Gujarat
4. Gandhinagar



22

Which of the following Sultans of Delhi was appointed as Amir-i-Tuzuk (Master of Ceremonies) before becoming the Sultan?

1. Alauddin Khalji - (1296 - 1316)
2. Balban
3. Iltutmish
4. Muhammad Bin Tughlaq

launched 'ABHINANDAN' Project

23

When was air transport nationalised in India?

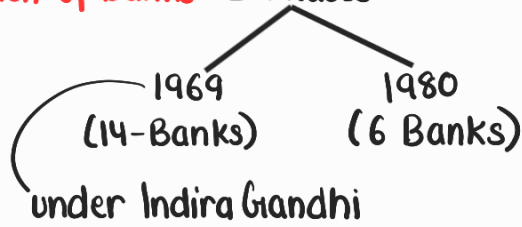
1. 1952
2. 1950
3. 1951
4. 1953

1st Air Service in India - 1911 (Allahbad - Naini)

Indian Airline Corp.
(domestic services)

Air India International Ltd. Corp.
(International services)

-Nationalisation of Banks- 2 Phases



24

The famous book 'Sangraha Choodamani', which deals with the current system of Carnatic music was written by:

प्रसिद्ध पुस्तक 'संग्रह चूडामणि', जो कर्नाटक संगीत की वर्तमान प्रणाली से संबंधित है, किसके द्वारा लिखी गई थी?

Sangeet Sudharaka

1. Haripala
2. Damodara Misra
3. Matanga
4. Govindacharya

'Lokhitwadi' - Gopal Hari Deshmukh

'Sudharak' weekly launched by - Gopal Ganesh Agarkar

Sangeet Ratnakar - Sarangadeva

Natyashashtra - Bharatmuni



25

What is the literacy rate of India as per the National Survey of India-2022?

भारतीय राष्ट्रीय सर्वेक्षण-2022 के अनुसार भारत की साक्षरता दर क्या है?

1. 72.1%
2. 74.2%
3. 78.3%
4. 77.7%

According to Census 2011 - 74.04 %

According to provisional census 2011 - 72.98 %

Literacy Rate

	State	UT
Highest	(94%) Kerala → Mizoram	lakshadweep (91.85)
Lowest	(61.8) Bihar → Arunachal	D&N Haveli

Highest (district) - Serchhip (Mizoram)

Lowest (district) - Alirajpur (MP)

Male - 82.14% | Female - 65.46%

Urban - 84.98% | Rural - 68.98%

