CAPF 2025 CAPF 2025 CUESTILOUS ALL FROM OUR NOTES ALL FROM OUR NOTES

PHALIWAY

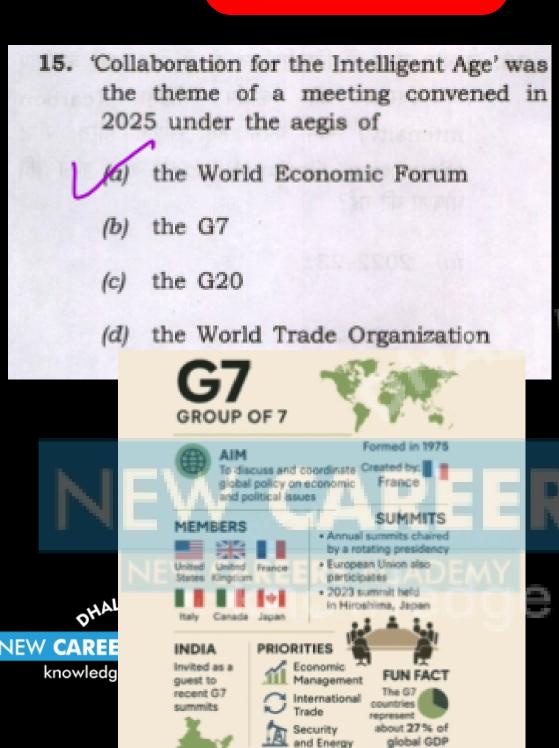
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NEW **CAREERS** ACADEMY

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ECONOMICS CURRENT AFFAIRS

NCA NOTES







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NCA NOTES

14. Match List-I with List-II and select the answer using the code given below the Lists:

> List-I (Author)

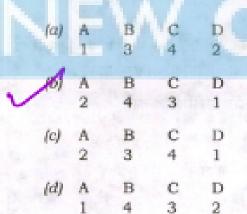
List-II (Book)

- A. John M. Keynes
- 1. Poor Economics
- B. Paul Samuelson
- The General Theory of Employment, interest and Money
- C. Amartya Sen
- Collective Choice and Social Welfare
- D. Abhijit V. Banerjee and Esther Duflo
- 4. Foundations of Economic Analysis

DIRECT SOURCE

Estd 1967

Code:



1.1 EMERGENCE OF MACROECONOMICS

Macroeconomics, as a separate branch of economics, emerged after the British economist John Maynard Keynes published his celebrated book The General Theory of Employment, Interest and Money in 1936. The dominant thinking in economics before Keynes was that all the labourers who are ready to work will find employment and all the factories will be working at their full capacity. This school of thought is known as the classical tradition.

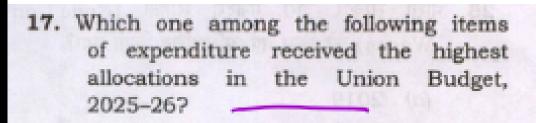
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GUARANTEED NOTES

NCA NOTES

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in ₹ Crore

- (a) Centrally sponsored schemes
- (b) Pensions
- (c) Interest payments
- (d) Defence

Expenditure of Major Items









extended
for export
of such
items from
6 months
to one year
and made
further
extendable
by one
year.
Trade

oTime limit



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Urban Development 96,777

IT and Telecom 95,298

Energy 81,174

Commerce & Industry 65,553

Social Welfare 60,052

Scientific Departments 55,679

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NCA NOTES

- 1. Which of the statements given below is/are correct?
 - 1. The National Green Hydrogen Mission (NGHM) was approved by the Union Cabinet, Government of India, in the year 2023.
 - Ministry Environment, and Climate Change, Government of India, has launched the Green Hydrogen Certification Scheme of India.

Select the answer using the code given below.

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

National Green Hydrogen

Mission (NGHM)

India's Big Leap in Clean Energy - Launched by MNRE

Mission Highlights

- Approved: January 4, 2023
 - Outlay: ₹19,744 crore

By MA7 2030:

5 MMT Green Hydrogen

Production

Investment 6 Lakh Jobs Created

6 lakh crore

DIRECT SOURCE

Key Components of NGHM



Impact

SIGHT Program

Incentives for Electrolyzer Manufacturring & Hydrogen Production

Pilot Projects Focus: Steel. Shipping, Modity

Hydrogen Hubs Developing industrial regions for green hydrogen use

R&D + Skill Dev

Infrastructure, Regulation, Innovation. Workforce Training

Jobs Created: 6,00,000 Fossil Fuel import Savings: ₹1lakh crore

Source: Ministry of New & Renewable Energy | Lok Sabha Written Reply | Jul 25, 2024 | Shri Prahlad Joshi

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NCA NOTES

 India and Poland have agreed to implement the India-Poland Strategic Partnership' in terms of a Five-Year Action Plan. Identify the current Five-Year Action Plan.

DIRECT SOURCE

- (a) Action Plan 2023-27
- (b) Action Plan 2022-26
- (c) Action Plan 2024-28
 - (d) Action Plan 2025-29

18. The leaders acknowledged the role of tourism in driving economic and business opportunities and enhancing understanding between the people of both countries.

NEW CAR

19. To implement the Strategic Partnership, both sides agreed to a five-year Joint Action Plan for 2024-2028.

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20 . Prime Minister Modi thanked Prime
Minister Tusk and the people of Poland for
the hospitality extended to him and his
delegation and he invited Prime Minister
Tusk to visit India.

Warsaw August 22, 2024

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NCA NOTES

- 3.) Rashtriya Vigyan Puraskar, 2024' under the category of Vigyan Ratna Award' was given to
 - (a) Prof. Govindarajan Padmanabhan
 - (b) Dr. Anandharamakrishnan C.
 - (c) Prof. Umesh Varshnev
 - (d) Prof. Jayant Bhalchandra

DIRECT SOURCE



Chemistry

Pragya Máthuw

Physics

Phycics

→ Agriri

Prot. Urbas

Physics

RASHTRIYA VIGYAN PURASKAR 2024

CELEBRATING INDIA'S SCIENTIFIC EXCELLENCE







VIGYAN RATNA

(LIFETIME ACHIEVEAEMENT)

Prof. Govindarajan Padmanaban Biological Sciences

Research on molecular biology, biotechnology, and the hemebiosynthotic pathway in plasmodium (malaria)

VIGYAN SHRI (DISTINGUISUED CONTRIBUTIONS)

Dr. C. Anandharamakrishnan

X Agricultural Science

Dr. Avesh Kumar Tyagi

Atomic Energy

Prof. Umesh Varshney

Ø Biological Sciences

Prof. Javant B. Udgaonkar

Eioingical Sciences

Prof. Naba Kumar Mondal

& Physics

VIGYAN SHRI (DISTINGUISHED CONTRIBATIONS)

Dr. C. Anandharamakrishnan

& Agricultural Science

Dr. Avesh Kumar Tyagi

Atomic Energy

Prof. Sved Wajih Ahmad Nagvi

© Earth Science

Prof. Annapurni Subramaniam

Space Science

 an Prof. Umesh Varshnev

Biological Sciences

Prof. Jayant B. Udgoonkar

Biological Sciences

Prof. Bhim Singh

Engineering Sciences

Prof. Rohit Srivastava
Technology & Innovation

Prof. Dr. Sanjay Behari

Physics

VIGYAN TEAM AWARD

Awarded to interdisciplinary teams (3+ members) for collaborative breakthroughs in science & technology.

VIGYAN TEAM AWARD

Awarded to interdisciplinary teams (3+ members) for collaborative breakthroughs in science & technot

Seurce: Ministry of Science & Technology, G9T Jug 2014

PRODUCING 2ND&3RDGENERATION OFFICERS
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NCA NOTES

- 7. Which of the following statements with regard to the 'National Manufacturing Mission' is/are correct?
 - 1. It covers small, medium and large industries.
 - It will support cleantech manufacturing.
 - It will facilitate promotion of employment opportunities in labour-intensive sectors.

Select the answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) 1 and 2 only
- (d) 1, 2 and 3





Focus Product Scheme for Footwear & Leather Sectors

• To enhance the productivity, quality and competitiveness of India's footwear and leather sector, a focus product scheme announced to facilitate employment for 22 lakh persons, generate turnover of ₹ 4 lakh crore and exports of over ₹ 1.1 lakh crore.

Measures for the Toy Sector

R

• A scheme to create high-quality, unique, innovative, and sustainable toys, making India a global hub for toys announced.

Support for Food Processing 1 /2

A National Institute of Food Technology, Entrepreneurship and Management to be set up in Bihar.

Manufacturing Mission - Furthering "Make in India"

• A National Manufacturing Mission covering small, medium and large industries for furthering "Make in India" announced.

INVESTMENT AS THE 3RD ENGINE OF DEVELOPMENT

• Investing in People

NCA NOTES

11. Which among the following regarding the nature of goods and income elasticity are correctly matched?

Nature of Goods Income Elasticity

1. Necessity : Between 0 and 1

2. Luxury : More than 1

. Inferior : More than 0 O

Select the answer using the code given below.

(a) 1 and 3 only

(b) 2 and 3 only

1 and 2 only

(d) 1, 2 and 3

· Luxury Goods: Income T, demand TT

Example: Bike, Devi Gitice 800

OHALIWA(5 Estd 1967

NEW **CAREERS** ACADEMY

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The full Groods: income T , demand I down

Example - Public transport, Daldo Conce

Public transport -ve income classificity of clemand

Merit Groods: . People under estimate Benefits

Mave the externalities

Example - Education ETET

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DIRECT SOURCE

NCA NOTES

- 12. Which of the following statements about the relationship between price elasticity of demand and type of firm is/are correct?
 - Perfectly elastic demand is associated with a competitive firm.
 - Perfectly inelastic demand is associated with a monopolistically competitive firm.

Select the answer using the cod below.

- (a) 1 only
- (b) 2 only
 - (d) Neither 1 nor 2

NEW CAREERS ACADEMY

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it has many sellers a Buyers

test knowledge of price & Toch

tomescensors brookerst

2. More pulintic : Many Sellers & Buyers

to me general & aliferentic ted formativet

Price decicle by Market (OSS)

Free entry / exit

Acts cost High

Frample: Automobile industry, mobile industry.

PRODUCING 2ND&3RDGENERATION OFFICERS
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NCA NOTES

19. Which one among the	following is not
identified as one of	the Engines of DIRECT SOURCE
Development' in the	Union Budget,
2025–26?	A , Cl
	• Capex Expenditure of <u>₹11.21</u> lakh crore (3.1% of GDP) earmarked in FY2025-26.
da) Textiles	CHISAGRICULTURE AS THE 1ST ENGINE OF DEVELOPMENT
IPIE IN DESCRIPTION OF THE PROPERTY OF THE PRO	Prime Minister Dhan-Dhaanya Krishi Yojana - Developing Agri Districts Programme (20 Screens) 100000000 - 1111 pulm
(b) Agriculture	• The programme to be launched in partnership with the states, covering 100 districts with low productivity, moderate crop intensity
(c) Investment	• A plant with antidar capacity or 12.1/7 taken fittetic tons
ig investment	Namrup, Assam.)
(a) Export	MSMEs AS THE 2ND ENGINE OF DEVELOPMENT
NIEW/	Revision in classification criteria for MSMEs
I AL AA	MSME
	Manufacturing Mission - Furthering "Make in India"
knov	 A National Manufacturing Mission covering small, medium and large industries for furthering "Make in India" announced.
OHALIWAL'S Estd 1967	INVESTMENT AS THE 3rd ENGINE OF DEVELOPMENT
W CAREERS ACADEMY	• Investing in People Saksham Anganwadi and Poshan 2.0 >>> \cdots \cdots \cdots
knowledge is strength	• The cost norms for the nutritional support to be enhanced

PRODUCING 2ND & 3RD GENERATION OFFICERS **39000 PLUS SELECTIONS**

ESTD. 1967

 \Diamond

 \oplus

be enhanced

appropriately. Atal Tinkering Labs

NCA NOTES

- 20. Which one among the following schemes focuses on developing modern infrastructure and optimizing supply chain from farm to retail in Indian agriculture sector?
 - (a) Pradhan Mantri Kisan Sampada Yojana (PMKSY)
 - (b) Rashtriya Krishi Vikas Yojana (RKVY)
 - (c) Pradhan Mantri Kisan Maandhan Yojana (PMKMY)
 - (d) Paramparagat Krishi Vikas Yojana (PKVY)

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WALS

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Sampada Scheme

The Union Ministry of Food Processing Harsimust
Kauro-Bodal Inunched Schome for Agro-Marine
Produce Processing and Development of
Agro-Processing Clusters (SAMPADA) for food
processing sector on 11th April, 2017.

The scheme will integrate current and new schemes aimed at reducing food 'wastage and doubling farmers' income by 2022. It will help to create infrastucture for linkage of entire supply chain. The ministry will also launch three new schemes to create infrastructure for improving the entire food supply chain.

. Moreover, government is taking ...

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NCA NOTES

- 22. Which one among the following statements is not correct?
 - (a) The Financial Stability and Development Council (FSDC) was set up in 2010.
 - (b) The National Logistics Policy (NLP) was launched in 2022.
 - (c) The Rural Infrastructure Development Fund (RIDF) was instituted in NABARD during 1995–96.
 - The G20 was formed in 2001 as a forum of Finance Ministers and Central Bank Governors.

مند مند الأمري Estd 1967 NEW **CAREERS** ACADEMY

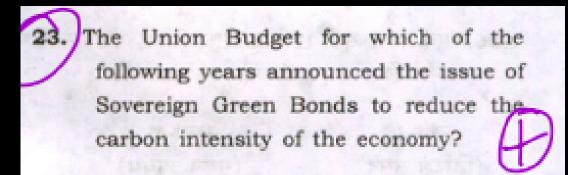
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NCA NOTES



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- (b) 2021-22
- (c) 2023-24
- (d) 2019-20

OHALIWAY'S

NEW **CAREERS** ACADEMY knowledge is strength

India's ₹16,000 Crore Sovereign Green Bonds (2022–23)

Mobilizing Green Finance for Sustainable Growth

KEY ANNOUNCEMENT

- Announced on: 06 Feb 2023 (PIB)
- Total Amount: ₹16,000 crore
- Announced by: MoS Finance Shri Pankaj Chaudhary
- As per Framework: Released on 9 Nov 2022

CONTEXT

- Part of overall market borrowings for FY 2022-23
- Source: Press Information Bureau (PIB)

PURPOSE & USE OF FUNDS



- ✓ Renewable Energy
- ✓ Clean Transportation
- Sustainable Water Management
- ✓ Pollution Control

Aim: Reduce India's carbon intensity

Linked with India's commitments under Paris Agreement & Nationally Determined Contributions (NDCs)



06 Feb 2023

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NCA NOTES

24. Which one among the following is the estimated fiscal deficit as a percentage of GDP of India in the Budget Estimates of 2025-26?

DIRECT SOURCE

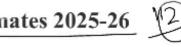
B BOND Count

- 4.8 percent
- 5.0 percent
- 5.6 percent

PART A

Union Minister for Finance and Corporate Affairs Smt Nirmala Sitharaman presented Union Budget 2025-26 in the Parliament today. The highlights of the budget are as follows:

Budget Estimates 2025-26



- The total receipts other than borrowings and the total expenditure are estimated at ₹ 34.96 lakh crore and ₹ 50.65 lakh crore respectively. 15 x
 - The net tax receipts are estimated at ₹ 28.37 lakh crore. The fiscal deficit is estimated to be 4.4 per cent of GDP.
- The gross market borrowings are estimated at ₹ 14.82 lakh crore.
- Capex Expenditure of ₹11.21 lakh crore (3.1% of GDP) earmarked in FY2025-26.

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35

GUARANTEED NOTES

CAPF 2025

NCA NOTES

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- 31. Based on the year of their establishment, arrange the following regional organizations in correct chronological order:
 - The Shanghai Cooperation Organization
 - The South Asian Association for Regional Cooperation
 - The Asia-Pacific Economic Cooperation
 - The Association of Southeast Asian Nations

Select the answer using the code given below.

(a) 3-2-1-4



(c) 3-1-2-4

19 4-3-2-1

NEW **CAREERS** ACADEMY

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ASEAN

Association of Southeast Asian Nations



Founded in 1967

By five countries in Bangkok, Thailand

MEMBER STATES

10 current members: Brunei Darussalam Cambodia, Indonesia Laos, Malaysia Myanmar Philippines Singapore

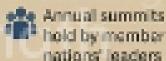
OBJECTIVE

To faster cooperation and economic integration in Southeast Asia

PRINCIPLES

- Non-interference in internal affairs
- Peaceful resolution of conflicts
- Consensus-based decision making

MEETINGS



DIALOGUE PARTNERSHIPS

Formal relationships with 11 partners in, US, China, and Russia

iA.

MEETINGS

Thalland

Webram

Annual summits attended by member nations' leaders

MOTTO 'One Vision, One Identity One Community

PRODUCING 2ND&3RDGENERATION OFFICERS 39000 PLUS SELECTIONS

ESTD. 1967

SCO Shanghai Cooperation Organization



Established in 2001

Founded by China and Russia to promote political, economic & security cooperation



OBJECTIVE

Strengthen mutou trust and friendly relations among member states

MEMBER STATES

INDIA & SCO India became a full member in 2017



COUNCIL OF HEADS OF STATE



REGIONAL ANTI-TERRORIST STRUCTURE (RATS)

Promotes cooperation on counterterrorism & cybersecurity

Observer: Int'l Organizatoins



NEW CAREE

knowledge

GUARANTEED NOTES CAPF 2025



Founded in 1989

21 member economies in the Pacific Rim

WORKING AREAS





Trade & Innovation Investment & Digitalization



NOTABLE ACHIEVEME

Bogor Goals set targets for free and open trede in the region





STRUCTURE

Decisions made through nonbinding commitments & consensus-building



Bogor Goals set targets for free and open trade in

PRODUCING 2ND&3RDGENERATION OFFICERS
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ESTD. 1967

GUARANTEED NOTES

NCA NOTES

CAPF 2025

36. Consider the following statements:

- WTO was set up as the successor to GATT.
- IAEA inspect nuclear teams facilities all over the world.
- Amnesty International is an NGO.

How many of the statements given above are correct?

- (a) Nil
- (b)
- (c)
- (d) 3



INTERNATIONAL ATOMIC ENERGY AGENCY

Established in 1957 by the UN

HO in Vienna, Austria Promote safe, secure and peaceful use of nuclear technologies



promoting

nuclear safety

Functions

Nuclear safety quidelines

Inspection of nuclear facilities to verify compliance with safeguards agreements

standards and

Deveopment of nuclear energy and tech #

Members 177 Governed by a 35-member Board of Governors

Challenges:

- Preventing nuclear proliferation
- Ensuring compliance with safeguards



Established in 1995

Replaced the General Agreement on Tariffs and Trade (GATT, in 1948)



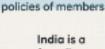
OBJECTIVE

Promotes free and fair trade worldwide

MAIN FUNCTIONS

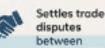


Reviews the trade



founding member

INVC



Provides technical assistancee & training to

countries

developing countries



WTO has 164 member countries



164 member countries

DIRECT SOURCE

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ESTD. 1967

GUARANTEED NOTES

NCA NOTES

CAPF 2025

- 37. Which of the following statements about the Bhoodan Movement are correct?
 - It was aimed at attaining a nonviolent society.
 - It included schemes such as 'Sampattidan' and 'Shramdan'.
 - 3. It began in a village in Andhra Pradesh in 1951.

Select the answer using the code given below.

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

DIRECT SOURCE

103. Acharya Vinoba Bhave received the first donation of land under the Bhoodan Movement at

- (a) Ramgarh
- (b) Garhwa
 - (c) Hyderabad
- (d) Pochampally

ऑप्शन ए ओनली सिंपल क्वेश्चन इंटरेस्टिंग है कि नहीं आचार्य विनोबा di March by Tamilhadu, C Rajagopalachari led a salt march

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ESTD. 1967

DEW ECREE ACEDEM

NCA NOTES

- 38. Which one among the following statements about the Department of Defence (DoD) is **not** correct?
 - (a) It is headed by the Defence Secretary.
 - (b) It deals with defence policy and planning.
- (c) It facilitates the restructuring of military commands for optimal utilization of resources.
- (d) It is responsible for defence cooperation with foreign countries.

DIRECT SOURCE

- 77. What are the duties of the Chief of Defence Staff (CDS) as Head of the Department of Military Affairs?
 - Permanent Chairman of Chiefs of Staff
 Committee

Water and Water

- 2. [Exercise military command over the three Service Chiefs]
- 3. Principal Military Advisor to Defence Minister on all tri-service matters

Select the correct answer using the code given below:

(a) 1, 2 and 3

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EW CGREEN ACADEM'

NCA NOTES

- 84. Which one of the following statements with reference to Jal Jeevan Mission is not correct?
 - It was established in the year 2016
 - (b) It aims to improve quality of life in rural areas.
 - (c) It is to provide functional tap water connections to every rural household.
 - (d) It is a centrally sponsored scheme.

Call 9501070051,6239661414

Budget 2025-26

- Government to arrange for identity cards, registration on e-Shram portal and healthcare under PM Jan Arogya Yojna, for gig-workers.
- Investing in the Economy

Public Private Partnership in Infrastructure عراجه المعالمة المعا



Infrastructure-related ministries to come up with a 3-year pipeline of projects in PPP mode, States also encouraged.

Support to States for Infrastructure

An outlay of ₹1.5 lakh crore proposed for the 50-year interest free loans to states for capital expenditure and incentives for reforms.

Asset Monetization Plan 2025-30

Second Plan for 2025-30 to plough back capital of ₹ 10 lakh crore in

- Dubbb 1013

new projects announced,

Jal Jeevan Mission

Mission to be extended until 2028 with an enhanced total outlas

Urban Challenge Fund

An Urban Challenge Fund of ₹ 1 lakh crore announced to implement the proposals for 'Cities as Growth Hubs', 'Creative Redevelopment of Cities' and 'Water and Sanitation', allocation of ₹ 10,000 crore proposed for 2025-26.

Nuclear Energy Mission for Viksit Bharat Dhirpun

- - - Nuclear tracker

DIRECT SOURCE

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ESTD. 1967

NCA NOTES

116. Which one among the following computer

languages is the oldest?

- (a) Prolog
- (b) C++
- (c) Java
- (d) Fortran



(b) High Level Language

- Any programming language that enables development of a program in much simpler programming context and is generally independent of the computer's hardware architecture is called high level language.
- In comparison to low level programming language, it may
 use natural language elements, easier to use or form the
 specification of the program making, the process of
 developing a program simpler and more understandable
 with respect to a low level language.

Some High Level Languages	Year	Developed by
FORTRAN (Formula Translation)	1957	John Backus (at IBM)
LISP (List Processing)	1958	John McCarty (at MIT)
ALGOL (Algorithmic Language)	1958	Alan J. Perlis
COBOL (Common Business Oriented Language)	1959	Grace Hopper
BASIC (Beginner's All propose Symbolic Instruction Code)	1964	John G. Kemeny
Carolice Practicer (ISP) replied	1972	Dennis Ritchie
C++	1983	Bjarne Strostrup
JAVA	1995	James Gosling

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NCA NOTES

- 117. Which one of the following is an application of Artificial Intelligence?
 - (a) Database management system
 - (b) Operating system
 - (c) Natural language processing
 - (d) Register

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Artificial Intelligence

- Artificial Intelligence (AI) is wide-ranging branch of computer science concerned with building smart machine capable of performing tasks that typically require human intelligence.
- It includes technologies like machine learning, pattern recognition, big data, neural networks, self-algorithms etc. its main benefit are as follows
- Bring down electricity consumption in industrial units.
- Create meaningful short stories and songs.
- Disease diagnosis.
- Text-to-Speech Conversion.
- Wireless transmission of electrical energy.

Large Language Model (LLM)

- Among other things, a large language model (LLM) is a kind of artificial intelligence (AI) program that can recognise and produce text. Huge data sets are used to train LLMs, hence the term "large".
- Machine learning, namely a kind of neural network known as a transformer model, is the foundation of LLMs. To put it more simply, an LLM is a computer program that has been fed enough instances to recognise and comprehend complicated data, like as human language.
- Many tasks can be taught to LLMs through training. One of their most well-known applications is as generative AI, which allows them to generate text in response to prompts or questions. For example, the LLM ChatGPT, which is accessible to the public, can produce poems, essays, and other literary formats in response to user inputs.

Machine Learning (ML)

A subfield of computer science and artificial intelligence called machine learning (ML) is concerned with using data and algorithms to help AI mimic human learning processes and progressively become more accurate.

Generative Pre-trained Transformer (GPT)

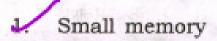
Generative Pre-trained Transformer (GPT) is a type of

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ESTD. 1967

NCA NOTES

129. Consider the following :



Less expensive memory

Fast memory

Which of the above are the characteristics of the cache memory?

- (a) 1 and 2 only
- (b) 2 and 3 only
- of 1 and 3 only

(d) 1, 2 and 3

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Estd 1967

EW Cache Memory A LADEMY

- It is a small, fast and expensive memory, that stores the copies of data that needs to be accessed frequently from the main memory.
- It acts as a buffer between CPU and the main memory of the computer system.
- It helps to increase the speed of processing. Generally, computers have cache memory of sizes 256 KB to 2 MB.

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ESTD. 1967

NCA NOTES

120. 1 gigabyte in binary system is equivalent to

(a) 1000 kilobytes

(b) 1024 megabytes

(c) 1200 megabytes

(d) 10000 kilobytes

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39000 PLUS SELECTIONS

ESTD.1967

NCA NOTES

124. India's key climate targets include

- reduction of 33%-35% in greenhouse gas emissions intensity by 2030
- increase in non-fossil fuel energy capacity to 500 GW
- achieving net-zero emissions by 2070

Select the answer using the code given below.

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) 1 only

DIRECT SOURCE

New Careers Academy Estd. 1967 Page 20 of 197

COP -27

Current Affairs Notes

1. Where & When

- · Location: Sharm el-Sheikh International Convention Centre, South Sinai, Egypt
- Dates: November 6–20, 2022
- · President: Sameh Shoukry, Egypt's Foreign Minister

2. Key Themes & Outcomes

- 1. Loss & Damage Fund
 - Groundbreaking first-ever agreement to establish a fund for countries suffering climate-induced losses
- 2. Global Stocktake & Implementation
 - Shifted focus from commitments to actual implementation, including initial frameworks for adaptation and mitigation progress
- 3. Fossil Fuels Language



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