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Wednesday, 13 May 2026

1. Study the table and answer the question: The compounded half yearly?

table shows the income and expenditure of (A) 15% (B) 12%
companies A and B from 2015 to 2019. (In Rs. (C) 10% (D) 8%
Crores)

YEARS	Company A		Company B	
	Income	Expenditure	Income	Expenditure
2015	110	90	160	120
2016	150	125	180	125
2017	200	140	225	140
2018	240	175	320	275
2019	300	220	360	300

The difference (In Rs. Crores) between the total income of Company B in 2015 and 2017 and the total expenditure of Company A in 2016 and 2018 is x. The value of x lies between:

- (A) 90 and 100 (B) 60 and 70
(C) 70 and 80 (D) 80 and 90

2. By selling an article for Rs. 425.25, there is a loss of 5.5%. If the same article is sold for Rs. 465.75, then what is the profit percent?

- (A) 3.5% (B) 3%
(C) 4% (D) 5.5%

3. In triangle ABC, P and Q are the mid points of AB and AC, respectively. R is a point on PQ such that PR:RQ = 3:5 and QR = 100 cm, then what is the length (in cm) of BC?

- (A) 240 (B) 124
(C) 660 (D) 320

4. If X is a real quantity, what is the minimum value of $(16\cos^2 x + 9\sec^2 x)$?

- (A) 30 (B) 24
(C) 20 (D) 40

5. At what rate percent per annum will Rs. 14,400 amount to Rs. 15,876 in 1 year, if interest is

6. The total number of students in three different sections is 150. Average marks obtained by students of sections B and C together is 86 and average marks obtained by students of section A are 71. If the average marks obtained by the whole class are 80, then find the number of students in section A.

- (A) 60 (B) 50
(C) 40 (D) 65

7. Two students appeared in an exam and one of them secured 36 marks more than the other and his marks were 62% of the marks obtained by both of them together. The marks obtained by them are:

- (A) 58 and 94 (B) 52 and 88
(C) 59 and 95 (D) 57 and 93

8. Suresh takes 30 minutes more than Ramesh to cover a distance of 15 km at a certain speed. But if Suresh doubles his speed, he takes one hour less than Ramesh to cover the same distance. What is the speed (in km/h) of Ramesh?

- (A) 5 (B) 5.5
(C) 6 (D) 6.5

9. If $\cos 21^\circ = x/y$ then the value of $(\operatorname{cosec} 21^\circ - \cos 69^\circ)$ is:

- (A) $x^2/\{y\sqrt{(y^2 - x^2)}\}$ (B) $y^2/\{x\sqrt{(y^2 - x^2)}\}$
(C) $y^2/\{x\sqrt{(-y^2 + x^2)}\}$ (D) $x^2/\{y\sqrt{(-y^2 + x^2)}\}$

10. If $x > 0^\circ$, be an acute angle, then the value of x (in degrees) satisfying $(\cos^2 x - 3\cos x + 2)/\sin^2 x = 1$

- (A) 45° (B) 30°
(C) 60° (D) 90°

1-{D}-2-{A}-3-{D}-4-{B}-5-{C}-6-{A}-7-{D}-8-{C}-9-{A}-10-{C}



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1. P is 5 years older than Q. The total of the current ages of P and Q is 33 years. What will be the age of Q after 7 years?

- (A) 14 years (B) 21 years (C) 22 years (D) 20 years

2. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

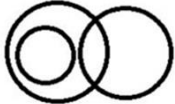
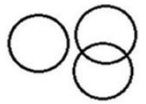
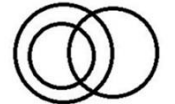
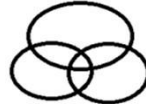
- (A) Yen (B) Pound (C) Euro (D) Ottawa

3. Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Torn 2. Timber 3. Travel 4. Trick 5. Trip

- (A) 1, 2, 3, 4, 5 (B) 2, 1, 3, 4, 5 (C) 4, 5, 1, 2, 3 (D) 3, 5, 1, 4, 2

4. Choose the Venn diagram from the given options which represents the correct relationship amongst the following classes. Indians, Brown Haired girls, Black eyes girls

- (A)  (B)  (C)  (D) 

5. Select the option that is related to the third number in the same way as the second number is related to the first number.

- 17 : 323 :: 29 : ?
(A) 899 (B) 988 (C) 784 (D) 669

6. From the given alternatives, according to dictionary, which word will come to FOURTH position?
1. Friend 2. Fringe 3. Florist 4. Frighten 5. Future
(A) Friend (B) Fringe (C) Frighten (D) Future

7. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(7, 89, 31)
(A) (11, 136, 47) (B) (10, 125, 43) (C) (9, 121, 39) (D) (6, 76, 27)

8. In the following question, select the missing number in the given series.
9, 28, 86, 261, 787, ?
(A) 2366 (B) 1795 (C) 2175 (D) 2285

9. In a certain code language, 'PRINTER' is written as 'EINPRRT'. How will 'EDUCATION' be written as in that language?
(A) OUCEINOTU (B) OUCDMCOTU (C) ACDEINOTU (D) ACDEIMOTU

1-{B}-2-{D}-3-{B}-4-{D}-5-{A}-6-{B}-7-{B}-8-{A}-9-{C}



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(VOCABULARY)

1. Blight

Meaning: a thing that spoils or damages something.

Synonyms: affliction, scourge, bane

Antonyms: blessing, benediction, felicity

Usage: “the vacant properties are a blight on the neighbourhood”

2. Precipitated

Meaning: cause (an event or situation, typically one that is undesirable) to happen suddenly, unexpectedly, or prematurely.

Synonyms: cause, lead to, occasion

Antonyms: prevented, stopped, intermittence,

Usage: “the incident precipitated a political crisis”

3. Disparate

Meaning: essentially different in kind; not able to be compared.

Synonyms: contrasting, different, differing

Antonyms: homogeneous

Usage: “they inhabit disparate worlds of thought”

4. Equitable

Meaning: fair and impartial.

Synonyms: fair, just, impartial

Antonyms: inequitable, unfair

Usage: “the equitable distribution of resources”

(WORD SUBSTITUTION)

5. A place where astronomical observations are made - **Observatory**

6. The scientific study of elections - **Psephology**

(MISPELT WORDS)

Find the correctly spelt word.

7. (A) Essentially

(B) Essentially

(C) Essentialy

(D) Essentielly

8. (A) Indefeaeibly

(B) Indefeasibly

(C) Indefeassibly

(D) Indefeasibly

(IDIOMS AND PHRASES)

9. Come a cropper:

Meaning: Someone whose actions or lifestyle will inevitably result in trouble is going to come a cropper.

Example: These shoes are too big and caused me to come a cropper as I was walking down the street.

10. Come on the heels of:

Meaning: If something comes on the heels of something, it follows very soon after it.

Example: The new revelation comes on the heels of the previous scandal.



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1. The proposed Annapurna Bhandar Shanghai? scheme was announced by which state government in May 2026?
(A) Odisha (B) Bihar (C) West Bengal (D) Assam
2. SEHAT, launched in May 2026, stands for:
(A) Science Excellence for Health through Agricultural Transformation
(B) Science and Environment for Human Agricultural Technology
(C) Sustainable Ecosystem for Health and Agriculture Transformation
(D) Scientific Education for Health and Agro Technology
3. National Technology Day 2026, observed on 11 May 2026, commemorates which of the following events?
(A) Launch of Chandrayaan mission
(B) Green Revolution
(C) Pokhran nuclear tests of 1998
(D) Establishment of ISRO
4. Which green-channel mechanism for Alternative Investment Funds (AIFs) was proposed by SEBI in May 2026?
(A) GARIMA (B) GARUDA
(C) SARATHI (D) PRAGATI
5. Which country did India defeat in the final of the Archery World Cup Stage 2 in Shanghai?
(A) China (B) Japan
(C) South Korea (D) Denmark
6. India added how much solar capacity in 2025, taking its total installed solar power capacity to approximately 150.2 GW by March 2026?
(A) 22 GW (B) 30 GW
(C) 36 GW (D) 44 GW
7. Which country is set to become the 26th member of the International Big Cat Alliance (IBCA) in May 2026?
(A) Kazakhstan (B) Thailand
(C) Vietnam (D) Saudi Arabia
8. From which date will the VB-GRAMG Act, 2025 replace MGNREGA?
(A) 02 October 2026 (B) 15 August 2026
(C) 01 July 2026 (D) 31 March 2027
9. Which AI-powered chatbot was launched by the Chief Justice of India at the Supreme Court of India on 11 May 2026 to assist citizens with court services?
(A) e-Court Assist (B) Su Sahay
(C) Suvidha AI (D) Nyaya Sarthi
10. Who was sworn in as the 9th Chief Minister of Tamil Nadu in May 2026?
(A) C. Joseph Vijay (B) Kamal Haasan
(C) O. Panneerselvam (D) M. K. Stalin

1-{C} - 2-{A} - 3-{C} - 4-{B} - 5-{A} - 6-{D} - 7-{D} - 8-{C} - 9-{B} - 10-{A}



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PM MITRA Park Inauguration

Why in News?

Prime Minister Narendra Modi inaugurated the **PM MITRA Park** at Warangal, marking a major step in strengthening India's textile and industrial sector. The project is expected to enhance India's position in the global textile value chain and promote employment generation in **Telangana**.

Expository: -

PM MITRA Park, Warangal

- The PM MITRA Park is spread across **1,327 acres** and has been developed with an estimated investment of approximately **₹1695.54 crore**.
- It is one of the **seven PM MITRA Parks** approved by the Government of India under the PM Mega Integrated Textile Region and Apparel Scheme.
- The park is strategically located near major transport corridors, improving connectivity to ports, markets, and industrial centers.

Infrastructure and Facilities

- The park provides **world-class plug-and-play infrastructure** for textile industries.
- It includes **Common Effluent Treatment Plants (CETPs)** to ensure environmentally sustainable industrial operations.
- The facility offers a **stable power supply**, water management systems, and advanced logistics infrastructure.

The "5F" Vision for Textiles

- Prime Minister Narendra Modi reiterated the **"5F Formula"** aimed at transforming India into a global textile powerhouse:

Farm

- Supporting cotton farmers, especially in Telangana, through improved market access and demand.

Fibre

- Encouraging local processing of cotton and other raw materials into fibre.

Factory

- Promoting large-scale textile and apparel manufacturing within integrated industrial parks.

Fashion

- Enhancing the production of globally competitive and high-quality fashion products.

Foreign

- Increasing India's share in global textile exports and strengthening foreign trade.

Employment and Economic Impact

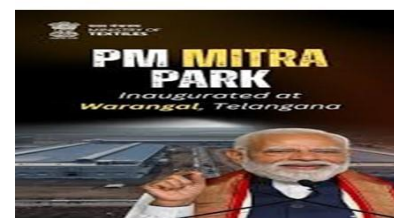
- The PM MITRA Park is expected to generate **thousands of direct and indirect employment opportunities**.
- It will particularly benefit women workers, MSMEs, and local artisans associated with the textile sector.
- The project will support ancillary industries such as packaging, transport, warehousing, and logistics.
- It is likely to enhance rural industrialization and reduce migration pressures.
- The initiative is expected to contribute significantly to Telangana's industrial GDP.

Regional and Strategic Importance

- Warangal is already known for the **Kakatiya Mega Textile Park**, and the PM MITRA Park further strengthens its role as a textile hub in Southern India.
- The project aligns with flagship initiatives such as **"Make in India"**, **"Atmanirbhar Bharat"**, and **"Viksit Bharat 2047."**

PM MITRA Scheme: Additional Facts

- PM MITRA stands for **Prime Minister Mega Integrated Textile Region and Apparel Parks**.
- The scheme was launched by the Ministry of Textiles.
- The objective is to establish integrated textile value chains under a "One District–One Product" and cluster-based development approach.
- The parks follow the **Public-Private Partnership (PPP)** model.
- Other PM MITRA Parks are being developed in states such as Tamil Nadu, Gujarat, Karnataka, Madhya Pradesh, Uttar Pradesh, and Maharashtra.





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Major and Minor River Systems of India

River	Source / Origin	Length (km)	Outflow / Confluence
Vaigai	Varusanadu Hills, Tamil Nadu	258	Palk Strait, Tamil Nadu
Vellar	Shevaroy Hills	150	Bay of Bengal, near Parangipettai, Tamil Nadu
Ponnaiyar	Nandidurg, Chikkaballapur	400	Bay of Bengal
Noyyal	Velliangiri Hills, Western Ghats, Tamil Nadu	180	Kaveri river
Gomai	Satpura Range	-	Tapti river, near Prakasha, Nandurbar, Maharashtra
Panzara	Near Pimpalner, Dhule, Maharashtra	-	Tapti river
Purna	Satpura Range, Betul, Madhya Pradesh	-	Tapti river, near Changdev, Maharashtra
Kolar	Vindhya Range, near Sehore district, Madhya Pradesh	101	Narmada, near Raisen district of Madhya Pradesh
Tawa	Satpura Range, Betul, Madhya Pradesh	172	Narmada near Hoshangabad district
Sabarmati	Dhebar lake, Aravalli range, near Udaipur, Rajasthan	371	Gulf of Khambhat
Zuari	Hemad-Barshem in western ghats	34	Arabian sea