

## EduTips Daily Digest

### Monday, 07 April 2025

Daily News Headlines | Daily English Vocab | Daily Static GK Updates  
Daily Quant Quiz | Daily Reasoning Quiz

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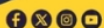
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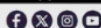
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JAYAKRISHNAN EDUTIPS

**DAILY  
NEWS HEADLINES**

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**Monday, 07 April 2025**

- World Health Day 2025 Theme Announced: "Healthy Beginnings, Hopeful Futures"
- Lok Sabha Speaker Leads Indian Delegation to IPU in Tashkent
- Bangladesh Takes Over BIMSTEC Chairmanship for 2025–2027
- PM Modi Honoured with Sri Lanka's Top Civilian Award
- Hungary Announces Exit from International Criminal Court
- Meenakari Craft Highlighted in Gift to Thai PM's Spouse
- 'AI on Trial': New Book by Sujeet Kumar Released
- India-Israel Collaboration: MRSAM Successfully Tested
- Cabinet Approves ₹6,839 Crore for Vibrant Villages Programme-II
- HIL Ltd Rebrands as BirlaNu Limited

**NEWS CREDITS**

PIB/ PTI/ NEWS ON AIR/ THE HINDU/ IANS/ BUSINESS STANDARD/ TIMES OF INDIA/ DECCAN HERALD/ HINDUSTAN TIMES/ BBC NEWS/ ALJAZEERA/ MIRROR.UK/ TIMES NOW/ ECONOMIC TIMES/ FINANCIAL EXPRESS/ INDIAN EXPRESS

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Monday, 07 April 2025

### (VOCABULARY)

#### 1. Abrogate

**Definition:** repeal or do away with (a law, right, or formal agreement).

**Synonyms:** repudiate, revoke, repeal, rescind, overturn

**Antonyms:** institute, introduce

**Usage:** "a proposal to abrogate temporarily the right to strike"

#### 2. Inevitable

**Definition:** certain to happen; unavoidable.

**Synonyms:** unavoidable, inescapable, bound to happen

**Antonyms:** avoidable, uncertain

**Usage:** "war was inevitable"

#### 3. Credence

**Definition:** Belief in or acceptance of something as true.

**Synonyms:** Acceptance, Belief, Faith, Trust, Confidence

**Antonyms:** Diffidence

**Usage:** Accusations that the BJP was trying to buy up dissidents in the Congress have now gained credence.

#### 4. Destabilize

**Definition:** Upset the stability of (a region or system); cause unrest or instability in.

**Synonyms:** Undermine, Weaken, Impair, Damage, Subvert

**Antonyms:** Strengthen, Shore up

**Usage:** The wiser course for the BJP would have been to politically capitalise on the internal contradictions of the coalition government rather than.

### (WORD SUBSTITUTION)

5. One who speaks for others - **Spokesman**

6. Place that provide refuge – **Asylum**

### (MISPELT WORDS)

**Find the correctly spelt word.**

7. (A) Commendassion (B) Commendation  
(C) Commandationnn (D) Comendation

8. (A) Fictitious (B) Fictities  
(C) Fictios  
(D) Fixtitious

### (IDIOMS AND PHRASES)

#### 9. Achilles' heel

**Meaning:** A weakness or vulnerable point.

**Example:** A person's weak spot is their Achilles' heel.

#### 10. All bark and no bite

**Meaning:** A person who is full of talk, but behind that talking there is little or no action.

**Example:** When someone talks tough but really isn't, they are all bark and no bite.



Monday, 07 April 2025

### 12 Important Points on Chemical Bonds

- **Chemical bonds** are forces that **hold atoms together** in compounds.
- There are **three main types**: **ionic**, **covalent**, and **metallic** bonds.
- **Ionic bonds** form between **metals and nonmetals** via **electron transfer**.
- **Covalent bonds** form between **nonmetals** by **sharing electrons**.
- **Metallic bonds** occur between **metal atoms**, where electrons are **delocalized**.
- **Ionic compounds** are usually **solid**, have **high melting points**, and conduct electricity when molten or dissolved.
- **Covalent compounds** may be gases, liquids, or solids with **low melting/boiling points**.
- **Polar covalent bonds** have **unequal sharing** of electrons (e.g.,  $\text{H}_2\text{O}$ ).
- **Non-polar covalent bonds** have **equal sharing** of electrons (e.g.,  $\text{O}_2$ ,  $\text{N}_2$ ).
- **Hydrogen bonds** are weak bonds between **H and electronegative atoms** like O, N, or F.
- **Bond strength** affects **boiling point**, **reactivity**, and **state of matter**.
- **Lewis structures** help visualize **valence electrons** and bonding in molecules.



**Monday, 07 April 2025**

1. If  $A = 2 \cot 48^\circ \cot 22^\circ$  and  $B = 5 \tan 68^\circ \tan 42^\circ$ , then find the value of  $A/B$ .

- (A)  $2/5$  (B)  $4/5$  (C)  $32$  years (D)  $40$  years  
(C)  $4/3$  (D)  $2$

2. The lateral surface area of a cone is  $462 \text{ cm}^2$ . Its slant height is  $35 \text{ cm}$ . The radius of the base of the cone is

- (A)  $8.4 \text{ cm}$  (B)  $6.5 \text{ cm}$   
(C)  $4.2 \text{ cm}$  (D)  $3.2 \text{ cm}$

3. In what ratio pure milk be mixed with water to gain  $14.28\%$  by selling the mixture at the cost price?

- (A)  $7:1$  (B)  $1:7$   
(C)  $6:1$  (D)  $8:1$

4. If we add  $14\frac{2}{7}\%$  of a number in itself, then we get  $6400$ . Find the number.

- (A)  $5600$  (B)  $5400$   
(C)  $5200$  (D)  $5000$

5. Find the mean of the following data:

Number of maths students in class 1:  $565$   
Number of maths students in class 2:  $344$   
Number of maths students in class 3:  $451$   
Number of maths students in class 4:  $196$

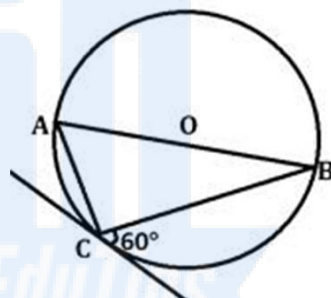
- (A)  $389$  (B)  $300$   
(C)  $321$  (D)  $293$

6. If a certain sum of money becomes  $13$  times of itself in  $24$  years at simple interest, then same sum of money will become  $17$

7. The probability of happening an event is  $49\%$ . Find the probability of that event.

- (A)  $0.51$  (B)  $0.49$   
(C)  $0.47$  (D)  $0.52$

8. In the given figure, line passes through point  $C$  is the tangent to the circle and the radius of the circle is  $21 \text{ cm}$ . Find the area of the sector of the circle subtended by arc  $AC$ .



- (A)  $258 \text{ cm}^2$  (B)  $195 \text{ cm}^2$   
(C)  $231 \text{ cm}^2$  (D)  $176 \text{ cm}^2$

9. What will be the median of the following data?

$72, 38, 94, 66, 88, 96, 108, 124$

- (A)  $94$  (B)  $93$   
(C)  $92$  (D)  $91$

10. Ankit travels at the speed of  $25 \text{ km/h}$  by car in  $8$  hours and  $15 \text{ km/h}$  on foot in  $2$  hours. Find his average speed.

- (A)  $18 \text{ km/h}$  (B)  $19 \text{ km/h}$   
(C)  $20 \text{ km/h}$  (D)  $23 \text{ km/h}$

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

**Monday, 07 April 2025**

1. In the following question, three statements are given and two conclusions are given below these statements. Choose the option which shows the conclusion(s) which logically follows/follow from the given statements, disregarding commonly known facts.

**Statements:** Some casks are kegs.

No drum is tank.

All casks are drums.

**Conclusions:** I. No cask is tank.

II. Some kegs are drums.

- (A) Only I follows (B) Only II follows  
(C) Both I and II follow (D) Neither I nor II follow

2. In the following question, the statement is followed by two conclusions. Which of the two conclusions is/are true?

**Statement:**  $A < W \leq Q > E \leq R = T > K = L$

**Conclusions:** I.  $K \geq W$  II.  $W > L$

- (A) Only conclusion I is true  
(B) Either conclusion I or II is true  
(C) Only conclusion II is true  
(D) Neither conclusion I nor II is true

3. A, B, C, D, E and F sit around a circular table facing inside. Two people are sitting between A and B. One person is sitting between B and D. F sits immediately on the right of C. E does not sit second to the right of A. Then who among the following sits second to the right of A?

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

4. In the following question, four number pairs are given. In each pair the number on left side of ( - ) is related to the number of the right side of ( - ) with some Logic/Rule/Relation. Three

pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (A) 1648 - 3297 (B) 2473 - 4947  
(C) 8792 - 9396 (D) 1246 - 2493

5. How many letters are there in the English alphabetical series between the second vowel from left and fifth consonant from right end in the word SCIENTIFIC?

- (A) None (B) One  
(C) Two (D) Three

6. Select the option that is related to the third word in the same way as the second word is related to the first word.

WHO : Geneva :: NATO : ?

- (A) Rome (B) London  
(C) New York (D) Brussels

7. In the given question, three letter clusters are alike in some manner. Spot the odd one out.

- (A) PSW (B) MQU  
(C) BEI (D) GJN

8. Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

J \_ I \_ L K \_ I I \_ \_ K \_ I \_ K L \_ J \_ I K \_ K

- (A) LIKJLIKJJK (B) IJKLIJKLII  
(C) JIKJIKLJIK (D) IKJKLJIKIL

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