

DAILY GENERAL AWARENESS QUIZ



Tuesday, 22 October 2024

1. India-Sweden Strengthen Collaboration in Research and Innovation. In context to the same tell us, what is the capital of Sweden?

- (A) Geneva (B) Stockholm
(C) Madrid (D) Kiev

2. Saras Aajeevika Mela underway in Gurugram. In context to the same tell us, which of the following celebrations is dedicated to Sun God and his wife Usha to thank them for sustaining life on earth and for granting wishes?

- (A) Madai Festival (B) Chhath Puja
(C) Vishwakarma Puja (D) Sorath Sabha

3. Assam's Kaziranga National Park Emerges as India's 2nd Butterfly Diversity Hub. In context to the same tell us, in which year was the Kaziranga National Park declared as a Reserved Forest?

- (A) 1908 (B) 1925
(C) 1900 (D) 1940

4. Gujarat Govt Auctions Major & Minor Mineral Blocks. In context to the same tell us, Which area in India has Lithium inferred resources (G3) of 5.9 million tonnes, as established by the Geological Survey of India?

- (A) Kolar District, Karnataka
(B) Rajsamand District, Rajasthan
(C) Reasi District, Jammu & Kashmir
(D) Sonbhadra District, Uttar Pradesh

5. Bhutan and India Discuss Strengthening Hydropower Cooperation. In context to the same tell us, 'Arun Hydroelectric Project' is result of co-operation between India and _____.

- (A) Nepal (B) Afghanistan
(C) Myanmar (D) Bhutan

6. Study Reveals Key Biodiversity Areas in Tropical Forests Now Experiencing Higher Temperatures

Due to Global Warming.

Consider the following statements regarding Kunming-Montreal Global Biodiversity Framework -

- (1) The Kunming-Montreal Global Biodiversity Framework was adopted at the 15th CoP to the UN CBD in December 2022.
(2) The framework aims to halt and reverse biodiversity loss globally by 2050.
(3) It includes 23 action-oriented global targets, with a focus on the restoration of at least 30% of degraded ecosystems by 2030.

Which of the above is/are correct?

- (A) Only (1) and (3) (B) Only (1) and (2)
(C) Only (2) and (3) (D) None of the above

7. Indian Coast Guard Holds 'Sagar Kavach' Coastal Security Drill.

Consider the following statements -

- (1) Exercise 'Sagar Kavach' is a bi-annual coastal security drill.
(2) Exercise 'Sea Vigil' is conducted by Indian Navy in coordination with the Indian Coast Guard.
(3) Exercise 'Indra' is a coastal security drill between India and Sri Lanka.

Which of the above is/are correct?

- (A) Only (1) and (3) (B) Only (1) and (2)
(C) Only (2) and (3) (D) None of the above

8. On the occasion of NSG Raising Day, India salutes all NSG personnel for their unwavering dedication, courage and determination in safeguarding.

Which of the following operations has undertaken by NSGs -

- (1) Operation Black Thunder
(2) Operation Ashwamedh
(3) Operation Meghdoot

Which of the above is/are correct?

- (A) Only (1) and (3) (B) Only (1) and (2)
(C) Only (2) and (3) (D) None of the above

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



DAILY QUANT QUIZ



Tuesday, 22 October 2024

1. A tree whose height is 'h' metres is bent from certain height above the ground level such that now its top touches the ground at a distance which is 12 metres away from the foot of the tree and makes an angle of 45° with the ground. Find the value of 'h'.

- (A) $(12 - 12\sqrt{2})$ (B) 12
(C) $(12 + 12\sqrt{2})$ (D) $12\sqrt{2}$

2. The given table shows the total number of items (defective + non-defective) manufactured, ratio of number of defective items manufactured to the number of non-defective items manufactured, by three different companies. Study the table carefully and answer the question given below.

Company	Total number of items manufactured	Ratio of number of defective items manufactured to the number of non-defective items manufactured
A	600	1:3
B	750	1:4
C	900	2:7

Find the difference between the total numbers of defective items manufactured by given three companies together and number of non-defective items manufactured by given three companies together.

- (A) 950 (B) 1,250
(C) 500 (D) 1,150

3. A shopkeeper sold 25 articles at the cost price of 40 articles. Find the profit/loss percent incurred by the shopkeeper in this type of transaction.

- (A) 65% (B) 60%
(C) 55% (D) 50%

4. A boat covers 90 km along the stream in 150 minutes and 48 km against the stream in 120 minutes. Find the time taken (in minutes) by boat to cover 105 km in still water.

- (A) 210 (B) 240
(C) 270 (D) 180

5. A train takes 53 seconds to cross a 448 metre long platform. If the speed of the train is 72 km/h, then find the length of the train.

- (A) 612 metres (B) 606 metres
(C) 556 metres (D) 580 metres

6. Naman borrowed Rs. 5,000 on compound interest of 20% p.a., compounded annually for 4 years. He paid Rs. 3,600 at the end of 2 years and rest at the end of 4th year. Find the total interest paid by Naman.

- (A) Rs. 3,608 (B) Rs. 3,296
(C) Rs. 3,784 (D) Rs. 3,512

7. The average runs scored by a cricket player in 14 innings was 44. How many runs he should score in the next inning so as to increase his average score by 3 runs?

- (A) 91 (B) 83
(C) 93 (D) 89

8. If $5 \tan A = 4$, then find the value

of $\frac{\sqrt{41} \cos A - 8 \cot A}{4 \cot A + \sqrt{41} \cos A}$

- (A) $(-1/3)$ (B) -1
(C) $(-1/2)$ (D) -2

9. Simplify the following expression:

$$1\frac{2}{4} + 6\frac{1}{4} - 3\frac{2}{4} + 9\frac{2}{4} - 5\frac{1}{4}$$

- (A) 7.5 (B) 8.5
(C) 8 (D) 9

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



DAILY REASONING QUIZ



Rajnish Bhatnagar

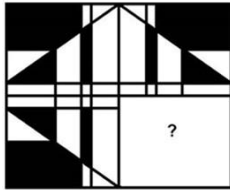
Tuesday, 22 October 2024

1. Select the option that is related to the third word in the same way as the second word is related to the first word. (Rotation is not allowed).

Tiger: India:: Kangaroo:?

- (A) England
- (B) Canada
- (C) Ghana
- (D) Australia

2. What will come in the place of question mark and complete the given pattern? (Rotation is not allowed).



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

3. A series is given with two terms missing. Select the correct alternative from the given ones that will complete the series.

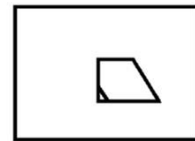
13, 26, 39, ____, 104, 169, ____.

- (A) 75 and 313
- (B) 52 and 276
- (C) 65 and 203
- (D) 65 and 273

4. In a certain code language, 'CONCERT' is written as 'DDFOPSU' and 'NATURE' is written as 'BFOSUV'. How will 'BINARY' be written in that language?

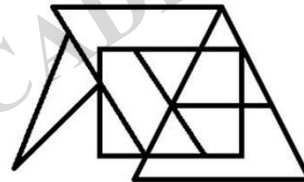
- (A) CJOBSZ
- (B) BCJOSZ
- (C) ABINRY
- (D) BDKPSZ

5. Select the option in which the given figure is



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

6. How many triangles are there in the given figure?



- (A) Nine
- (B) Ten
- (C) Eight
- (D) Seven

7. In a certain code language, 'NURSERY' is written as '101' and 'CLOVES' is written as '62'. How will 'ZODIAC' be written in that language?

- (A) 34
- (B) 39
- (C) 25
- (D) 29

8. Select the Venn diagram that best illustrates the relationship among the following classes. Cloves, Spices, Chickpeas

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

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

DAILY GENERAL STUDIES QUIZ



Tuesday, 22 October 2024

BIOLOGY

1. _____ is a multibranched polysaccharide of glucose that serves as a form of energy storage in animals and fungi.

- (A) Cellulose (B) Glycogen
(C) Pectin (D) Chitin

2. The source of oxygen in atmosphere is due to

- (A) Photosynthesis (B) Excretion
(C) Nitrogen fixation (D) Respiration

3. 'Insectivorous plant' trap insects for

- (A) Nitrogen (B) Fats
(C) Vitamins (D) Carbohydrates

4. Microbial degradation of nitrates into atmospheric nitrogen is known as:

- (A) Ammonification (B) Nitrification
(C) Denitrification (D) Putrefaction

5. Which crop belonging to the family Euphorbiaceae is known for producing biodiesel?

- (A) Jatropha (B) Candlenut tree
(C) Copper leaf (D) Sarpagandha

6. 'The Queen of Herbs' is the most

sacred herb of India. This medicinal plant has importance in Hindu mythology and has the scientific name *Ocimum Sanctum*. What is it commonly called?

- (A) Tulsi (B) Rosemary
(C) Thyme (D) Coriander

7. In which of the following rhizome underground stem is formed?

- (A) Onion (B) Zinger
(C) Potato (D) Crocus

8. Which of the following is called the aerial modification of stem?

- (A) Rhizome (B) Bulb
(C) Bulbil (D) Corm

9. Blood Plasma with which among the following removed is called Serum?

- (A) Fibrin
(B) Thrombin
(C) Fibrinogen
(D) Collagen

10. Which of the following is a pollinating organism?

- (A) Bat (B) Bee
(C) Butterfly (D) All these

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



DAILY ENGLISH VOCAB



Tuesday, 22 October 2024

(VOCABULARY)

1. Exigencies

Meaning: Urgent need or demand

Synonyms: Need, Demand, Requirement, Necessity

Antonyms: Frivolousness, Triviality, Luxury

Usage: "Courts have not addressed police brutality, citing COVID-19 lockdown exigencies."

2. Shrouded

Meaning: Conceal or cover from view

Synonyms: Swathe, Cloak, Obscure, Disguise

Antonyms: Conspicuous, Visible, Apparent

Usage: "Police brutality was shrouded in COVID-19 lockdown exigencies."

3. Aggrieved

Meaning: Unfairly treated, feeling resentment

Synonyms: Resentful, Indignant, Disgruntled, Distressed

Antonyms: Pleased, Satisfied, Placid

Usage: "The police issued notices to dozens of aggrieved students."

4. Cavil

Meaning: Make petty or unnecessary objections

Synonyms: Complain, Grouse, Condemn, Decry

Antonyms: Sanction, Endorse, Approve

Usage: "There can be no cavil with that proposition."

(WORD SUBSTITUTION)

5. A particular method of working - **Modus Operandi**

6. Specially skilled in story telling - **A raconteur**

(MISPELT WORDS)

Find the correctly spelt word.

7. (A) Sledgehamer (B) Sledgehimmer
(C) Slidghammer (D) Sledgehammer

8. (A) Mercyless (B) Merciless
(C) Merrciless (D) Marciless

(IDIOMS AND PHRASES)

9. Country mile:

Meaning: A country mile is used to describe a long distance.

Example: We've driven so far, and I still don't see the silo anywhere. Maybe the farmer was referring to a country mile when he said it was 'just a mile away.'

10. Cross swords:

Meaning: When people cross swords, they argue or dispute. This expression is used when some groups accuse each other for non-adherence to norms. Actually no sword is used but the tempo of the argument is high enough to cause worsening of the already bad situation. It is a tussle (vehement struggle without use of arms) between the parties to establish supremacy

Example: I only crossed swords with Danielle because we have different approaches to the experiment.



DAILY STATIC GK QUIZ



Tuesday, 22 October 2024

- Who was the founder of the Mughal Empire in India? **Babur.**
- In which battle did Babur defeat Ibrahim Lodi? **Battle of Panipat (1526).**
- Who was Babur's successor? **Humayun.**
- Which Mughal emperor was known for losing his empire temporarily to Sher Shah Suri? **Humayun.**
- Who is considered the greatest Mughal emperor? **Akbar.**
- What was the name of Akbar's religious policy that promoted tolerance and dialogue between different faiths? **Din-i Ilahi.**
- Which Mughal emperor built the Taj Mahal? **Shah Jahan.**
- Who was the last Mughal emperor? **Bahadur Shah II (Bahadur Shah Zafar).**
- Who built the Buland Darwaza in Fatehpur Sikri? **Akbar.**
- Which Mughal emperor was defeated in the Battle of Buxar (1764)? **Shah Alam II.**
- Which Mughal emperor commissioned the construction of the Jama Masjid in Delhi? **Shah Jahan.**





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TOPIC OF THE DAY

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Child Marriage

The Supreme Court of India gave a verdict on **Child Marriage** stating that any personal law of a religion can not be prioritised over the **Prohibition of Child Marriage Act (PCMA)**.



➤ Expository: -

- Child marriage is recognized as a human rights violation and a form of sexual and **gender-based violence**.
- During British colonial times, the legal minimum age of marriage was set at **14 for girls and 18 for boys**.
- **Apni Beti, Apna Dhan (ABAD)** is one of India's first conditional cash transfer programmes dedicated to delaying young marriages across the nation.

Global Perspective -

- The 2030 UN Sustainable Development Goals aim to eliminate harmful practices like child marriage and female genital mutilation under Goal 5.

Legal Framework in India -

- **Child Marriage Restraint Act of 1929** - The Child Marriage Restraint Act of 1929, also known as the Sarda Act, was enacted on 1 April 1930 to curb child marriages. Initially, it set the minimum marriage age at 18 for males and 14 for females. Post-independence in 1949, the minimum age for females was raised to 15, and in 1978, it was further increased to 18 for females and 21 for males.
- **The Prohibition of Child Marriage Act, 2006** - The Prohibition of Child Marriage Act (PCMA) 2006, effective from 1 November 2007, replaced the Child Marriage Restraint Act to better prevent child marriages. Offenders, including males over 18 and those conducting child marriages, can face up to two years in prison or a fine.
- **Prohibition of Child Marriage (Amendment) Bill, 2021** - It aims to raise the legal marriage age for women to 21 years, equalizing it with men. Introduced in December 2021, the bill seeks to eliminate child marriage and override existing laws, customs, or practices related to marriage.

Initiatives to Combat Child Marriage -

- Sukanya Samriddhi Yojana (SSY): It was launched in 2015.
- Balika Samriddhi Yojana: It was launched in 1997.
- Beti Bachao Beti Padhao: It was launched in 2015.



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