

# SCHOLARS ACADEMY

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## DAILY GENERAL AWARENESS QUIZ



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Thursday, 17 October 2024

1. India-Sweden Strengthen Collaboration in Research and Innovation. In context to the same tell us, In which year, India signed 'Bofors' deal with Sweden?

- (A) 1984 (B) 1986  
(C) 1980 (D) 1987

2. PM Modi inaugurates World Telecommunication Standardization Assembly. In context to computer network tell us, In the Network Layer, data is transmitted in the form of \_\_\_\_\_ through the logical network path.

- (A) Frames (B) Segments  
(C) Packets (D) Bits

3. India, Colombia to sign Audiovisual Co-Production Agreement. In context to the same tell us, what is the name of Colombia's currency?

- (A) Colombian rupee (B) Colombian peso  
(C) Colombian dollar (D) Colombian Franc

4. NASA launches Europa Clipper to examine the moon Europa. In context to the same tell us, Europa is a natural satellite of:

- (A) Jupiter (B) Mars  
(C) Uranus (D) Saturn

5. Maharashtra cabinet approves two river-linking projects worth ₹15,710. In context to the same tell us, which of the following is the first river linking project of India?

- (A) Kosi-Mechi Link (B) Damanganga-Pinjal  
(C) Par-Tapi -Narmada (D) Ken-Betwa Link

6. Recently, the Prime Minister of India attended the 19th East Asia Summit (EAS) in Vientiane, Lao PDR. Consider the following statements regarding East Asia Summit -

(1) The EAS was established in 2005 as an Association of Southeast Asian Nations (ASEAN)-led initiative.

(2) The idea of an East Asia Grouping was first proposed by then Prime Minister PV Narasimha Rao in 1991.

(3) The EAS involving 18 countries, including ASEAN members.

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. The 2024 Nobel Prize for Peace has been awarded to Nihon Hidankyo, a Japanese organisation of survivors of the Hiroshima-Nagasaki bombings. Consider the following statements regarding Nuclear Attack on Japan -

(1) The first bomb was a thorium gun-type bomb nicknamed "Little Boy," on Hiroshima on 6th August 1945.

(2) Harry Truman was the then President of United states in 1945.

(3) "Little Boy" was dropped by the Boeing B-29 Superfortress piloted by Colonel Paul W. Tibbets.

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. Recently, Israel attacked the Hezbollah which is one of the militant groups fighting in the Middle East.

Consider the following statements regarding geography of the Middle East -

(1) The Tigris and Euphrates rivers flow through Iraq, creating a fertile region known as Mesopotamia.

(2) The Arabian Desert is located primarily in the southern part of the Middle East, covering parts of Saudi Arabia, Yemen, and Oman.

(3) The Mediterranean Sea borders the Middle Eastern countries of Jordan, Iraq, and Kuwait.

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



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## DAILY QUANT QUIZ



Thursday, 17 October 2024

1. If  $\sin 24^\circ = (x/y)$ , then find then value of  $\sec 24^\circ - \sin 66^\circ$ .

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

2. The table given below shows the number of students who appeared for five different examinations.

Examination	Number of male candidates	Number of female candidates
IBPS CLERK	37,000	18,350
IBPS PO	28,850	11,800
SBI CLERK	24,200	6,900
SBI PO	31,150	30,800
RRB OA	42,800	12,650

Find the ratio of number of male candidates who appeared in SBI CLERK to number of female candidates who appeared in SBI PO.

- (A) 21:19 (B) 12:13  
 (C) 55:13 (D) 11:14

3. An article having cost price Rs.  $(X + 100)$  was sold for Rs. 150 at a profit of Rs. 'X'. If the marked price of the item is Rs. 200, then find the ratio of profit percentage earned to discount percentage offered on selling the article.

- (A) 5:4 (B) 3:2  
 (C) 2:3 (D) 4:5

4. Speed of stream is 2 km/h. The time taken by the boat to travel 80 km in upstream is 1 hour more than time taken by it to travel same distance in downstream. Find the time taken by boat to cover 45 km in still water.

- (A) 2.5 hours (B) 2 hours  
 (C) 3 hours (D) 1.5 hours

5. Train 'X' takes 9 seconds to cross a pole while travelling at 90 km/h. If train 'Y' is 300 metres long and is running at 15 m/s, then find the time taken by both trains to cross each other when they are travelling in opposite directions on a parallel track.

- (A) 13.125 seconds (B) 11.75 seconds  
 (C) 12.25 seconds (D) 52.5 seconds

6. A man deposited Rs. 24,000 at compound interest (compounded annually) of 25% p.a. for 3 years. What is the interest earned by him in the 2<sup>nd</sup> year?

- (A) Rs. 5,700 (B) Rs. 6,500  
 (C) Rs. 5,000 (D) Rs. 7,500

7. There are 45 students in a hostel mess. Due to new admissions, 15 new students join the mess. The daily expenses of the mess are increased by Rs. 900, while the average expenditure per student per day decreases by Rs. 5. Find the initial daily expenditure of the mess.

- (A) Rs. 5,000 (B) Rs. 4,200  
 (C) Rs. 3,600 (D) Rs. 4,600

8. Values of which of the following trigonometric expression are equal?

- I.  $2\sin 30^\circ$   
 II.  $2\cos 60^\circ$   
 III.  $\sec 0^\circ$   
 (A) I and III (B) II and III  
 (C) I and II (D) I, II and III

9. Simplify the following expression:

$$\left(27 \div 3 \text{ of } \frac{1}{9}\right) \times \left(\frac{4}{9} \div \frac{1}{2} \times \frac{5}{8}\right) \div \left(\frac{2}{3} \times \frac{4}{3} \div \frac{8}{5}\right)$$

- (A) 3 (B) 81  
 (C) 27 (D) 9

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



## DAILY REASONING QUIZ



Thursday, 17 October 2024

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

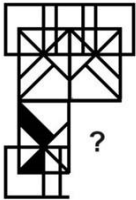
Anvil: Blacksmith :: Forceps: ?

- (A) Carpenter (B) Surgeon  
(C) Builder (D) Turner

the given figure (rotation is NOT allowed).



2. Select the figure from the options that can replace the question mark (?) and complete the given pattern.



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

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

3. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

72, 73, 71, 75, 67, \_\_\_\_\_, 51

- (A) 80 (B) 83  
(C) 84 (D) 87

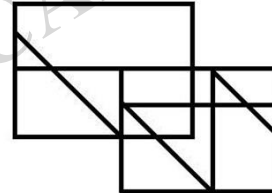
4. In a certain code language, 'GENERATOR' is coded as 'AWAGWIQGH' and 'PORTERS' is written as 'ZXJXUQQ'. How will 'ANGLES' be written in that language?

- (A) YJJPPB (B) YJPJPB  
(C) BPJPJY (D) YJPJBP

5. Select the option figure which is embedded in

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

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



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

7. In a code language, 'OPTION' is coded as '50', 'JEWELLERY' is coded as '100'. What is the code for 'CUPBOARD' in that code language?

- (A) 43 (B) 150  
(C) 86 (D) 53

8. Select the Venn diagram that best illustrates the relationship between the following classes.

Men, Women, Doctor

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

## DAILY GENERAL STUDIES QUIZ



Thursday, 17 October 2024

HISTORY

1. Who of the following was the biographer of Akbar?  
(A) Abul Fazl (B) Faizi  
(C) Abdul Nabi Khan (D) Birbal
2. Tansen, a great musician of his times, was in the Court of-  
(A) Jahangir (B) Akbar  
(C) Shahjahan (D) Bahadur Shah
3. "Din-i-Ilhai" was the new religion started by-  
(A) Humayun (B) Jahangir  
(C) Akbar (D) Shahjahan
4. The founder of the Parsi religion-  
(A) Laotse (B) Kung-fu-su  
(C) Zoroaster (D) Mikado
5. Who was the founder of the Sayyid dynasty?  
(A) Khizr Khan  
(B) Mubarak shah  
(C) Mohammad shah  
(D) Alam shah
6. Mahatma Gandhi advocated a \_\_\_ economy.  
(A) Local (B) Centralized  
(C) Decentralized (D) Global
7. Which one of the following was the first English ship that came to India?  
(A) Elizabeth (B) Bengal  
(C) Red Dragon (D) Mayflower
8. Which of the following statements is incorrect about Buddhism?  
(A) Initially it was atheistic.  
(B) It upheld the belief in rebirth.  
(C) It denied the doctrine of the Law of Karma.  
(D) Many of its principles are also found in Upanishads.
9. Who was the regent of Akbar in his early days?  
(A) Abul Fazl (B) Bairam Khan  
(C) Tansen (D) Todarmal
10. Rana Pratap Singh of Mewar was defeated by the Mughal army in the battle of  
(A) Mewar (B) Chittor  
(C) Haldighati (D) Udaipur

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



## DAILY ENGLISH VOCAB



Thursday, 17 October 2024

(VOCABULARY)

1960s”

### 1. Mitigating

**Meaning:** make (something bad) less severe, serious, or painful.

**Synonyms:** alleviate, reduce, diminish

**Antonyms:** aggravate, increase, intensify

**Usage:** “drainage schemes have helped to mitigate this problem”

### 2. Vulnerable

**Meaning:** exposed to the possibility of being attacked or harmed, either physically or emotionally.

**Synonyms:** in danger, in peril, in jeopardy

**Antonyms:** well protected, invulnerable, resilient

**Usage:** “we were in a vulnerable position”

### 3. Curtailment

**Meaning:** the action or fact of reducing or restricting something.

**Synonyms:** reduction, cut, cutback

**Antonyms:** increase, expansion

**Usage:** “the curtailment of human rights”

### 4. Ethos

**Meaning:** the characteristic spirit of a culture, era, or community as manifested in its attitudes and aspirations.

**Synonyms:** spirit, character, atmosphere

**Antonyms:** abstract, exterior

**Usage:** “a challenge to the ethos of the

### (WORD SUBSTITUTION)

5. A continuous process of change is known as- **Flux**

6. The practice of submitting a proposal to popular vote - **Referendum**

### (MISSPELT WORDS)

Find the correctly spelt word.

7. (A) Hemorrhage (B) Hemorhage  
(C) Hemorrhage (D) Hemourrhage

8. (A) Mortgage (B) Murtgage  
(C) Mourtgage (D) Mortgage

### (IDIOMS AND PHRASES)

#### 9. As cool as a cucumber:

**Meaning:** Untroubled by heat or exertion.

**Example:** If someone is as cool as a cucumber, they don't get worried by anything.

#### 10. At death's door:

**Meaning:** (especially in hyperbolic use) so ill that one may die.

**Example:** If someone looks as if they are at death's door, they look seriously unwell and might actually be dying.



## DAILY STATIC GK QUIZ



Thursday, 17 October 2024

- When was the Technology Development Council established? **In 1986.**
- Which gas is used in the production of vegetable ghee? **Hydrogen.**
- Night blindness occurs due to a deficiency of which vitamin? **Vitamin A.**
- Who coined the slogan "Aram Haram Hai"? **Jawaharlal Nehru.**
- Giddha dance style belongs to which state? **Punjab**
- Which city is referred to as the "Manchester of India"? **Ahmedabad.**
- Shiv Kumar Sharma is associated with which musical instrument? **He is a renowned Santoor player.**
- According to the 2011 census, what is the approximate sex ratio in India? **Approximately 943 women for every 1000 men.**
- From which state is the Odissi dance style originally related? **Odisha.**
- Satria is a classical dance of which Indian state? **Assam.**



## TOPIC OF THE DAY



Thursday, 17 October 2024

### 19th East Asia Summit (EAS)

Recently, the Prime Minister of India attended the **19th East Asia Summit (EAS)** in Vientiane, Lao PDR. PM advocated for a development-oriented **Indo-Pacific approach** over expansionism.



#### Expository: -

- **Establishment:** The EAS was established in 2005 as an Association of Southeast Asian Nations (ASEAN)-led initiative.
- The EAS is the **only leader-led forum** in the Indo-Pacific that brings together all key partners to discuss political, security and economic issues of strategic importance.
- The **idea of an East Asia Grouping** was first proposed by then **Malaysian Prime Minister Mahathir Mohamad** in 1991.

- The **first summit was held** in Kuala Lumpur, Malaysia on 14th December 2005.
- **Objectives:** The EAS operates on the principles of openness, inclusiveness, and respect for international law, ASEAN centrality, and ASEAN's role as the driving force.
- **Members:** The EAS is a key forum for strategic dialogue in the Indo-Pacific region, involving 18 countries, including ASEAN members.
- The EAS comprises 18 members, the **10 ASEAN countries** (Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam) and eight dialogue partners (Australia, China, India, Japan, New Zealand, Republic of Korea, Russia and the United States).
- **Importance:**
- **Economic Importance:** In 2023, EAS members represented approximately 53% of the world's population and accounted for approximately 60% of global GDP.
- India is **ASEAN's seventh-largest trading partner**, while ASEAN is India's fourth-largest partner. In the last ten years India-ASEAN trade had doubled to over USD 130 billion.

