

# AFCAT Memory Based Paper - 9 Aug 2024 (Shift 2)

- Q1 Read each sentence part to find out whether there is any error and indicate your response against the corresponding option, i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).**

Neither of the (a)/ men are (b)/ available here.  
(c)/ No error (d)

- (A) a (B) b  
(C) c (D) d

- Q2 Read each sentence part to find out whether there is any error and indicate your response against the corresponding option, i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).**

The students are eagerly (a)/ awaiting for the results (b)/ of their final exams. (c)/ No error (d)

- (A) a (B) b  
(C) c (D) d

- Q3 Read each sentence part to find out whether there is any error and indicate your response against the corresponding option, i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).**

Childrens of schools and colleges (a)/ are expected to follow (b)/ certain rules and regulations. (c)/ No error (d)

- (A) a (B) b  
(C) c (D) d

- Q4 Read each sentence part to find out whether there is any error and indicate your response against the corresponding option, i.e., (a) or (b) or (c). If you find no**

**error, your response should be indicated as (d).**

He has bought (a)/ a scissors to shave (b)/ his moustache. (c)/ No error (d)

- (A) a (B) b  
(C) c (D) d

- Q5 Directions : Each of the following sentences in this section has a blank space and is followed by four choices. Select the most appropriate choice to fill in the blank and mark your response on the Answer Sheet accordingly.**

How are you \_\_\_\_\_ in your new job? Are you enjoying it?

- (A) keeping on (B) getting up  
(C) going on (D) carrying on

- Q6 Directions : Each of the following sentences in this section has a blank space and is followed by four choices. Select the most appropriate choice to fill in the blank and mark your response on the Answer Sheet accordingly.**

I would like to go to the concert \_\_\_\_ I can find a babysitter.

- (A) if (B) may  
(C) unless (D) because

- Q7 Each of the following sentences in this section has a blank space and is followed by four choices. Select the most appropriate choice to fill in the blank space.**

I \_\_\_\_\_ what it would be like to be inside a chocolate factory.

- (A) have always wondered  
(B) am always wondered  
(C) have always wonder  
(D) have always wondering



**Q8 In this section, each of the following sentences has a blank space and each sentence is followed by four options. Select the most appropriate option to fill the blank space.**

His \_\_\_\_ comments about the murder made me shiver.

- (A) callous (B) compassionate  
(C) benevolent (D) indurate

**Q9 In the following question, out of the given alternatives, choose the best one that expresses the synonym of the given word.**

Dilemma

- (A) Blessing (B) Benefit  
(C) Agreement (D) Quandary

**Q10 In the following question, out of the given alternatives, choose the best one that expresses the synonym of the given word.**

Blare

- (A) Gurgle (B) Roar  
(C) Plash (D) Hum

**Q11 In the following question, out of the given alternatives, choose the best one that expresses the synonym of the given word.**

Decrepit

- (A) Sturdy (B) Dilapidated  
(C) Uninterrupted (D) Stout

**Q12 Select the most appropriate antonym of the given word.**

Tyranny

- (A) Autonomy (B) Oppression  
(C) Hatred (D) Mystery

**Q13 Select the most appropriate antonym of the given word.**

Entice

- (A) Authorize (B) Baffle  
(C) Repulse (D) Misplace

**Q14 Select the most appropriate antonym of the given word.**

Scuffle

- (A) Battle (B) Combat  
(C) Conflict (D) Truce

**Direction (15 - 17) Read the following passage and answer the given questions. Read the following passage carefully and answer the question given below it.**

Astronomy is one of humanity's oldest scientific disciplines, evolving from the simple practice of counting stars and charting constellations with the naked eye to the advanced technological feats we witness today. In ancient times, early civilizations were captivated by the night sky, using it to navigate, track time, and organize their lives around the cycles of the heavens. Monuments such as Stonehenge and artifacts like the bronze-age Nebra disk reveal how central sky-watching was to these cultures. For example, the ancient Assyro-Babylonians systematically recorded the motions of celestial bodies, and similar records have been found in early China.

The Greeks further elevated astronomy by applying mathematical and observational methods. Aristarchus of Samos made the first (highly inaccurate) attempt to calculate the distance of Earth to the sun and moon, and Hipparchus sometimes considered the father of empirical astronomy, cataloged the positions of over 800 stars using just the naked eye. He also developed the brightness scale that is still in use today, according to ESA.

Despite the progress made over millennia, astronomers continue to grapple with the vast mysteries of the universe. As technology advanced, the simple star-studded sky that our ancestors admired transformed into a complex array of celestial phenomena. Modern telescopes and detectors reveal objects such as black holes, white dwarfs, neutron stars, and supernovas. What was once perceived as a two-dimensional array of



constellations has been understood as an optical illusion, hiding the dynamic movement of galaxies and the story of the universe, which began with the Big Bang around 13.8 billion years ago.

Astronomy today is a broad discipline encompassing subfields like observational and theoretical astronomy, planetary science, astrophysics, cosmology, and astrobiology. While astronomy uses mathematics, physics, and chemistry to study celestial objects and phenomena, it should not be confused with astrology, which is considered a pseudoscience. As our understanding of the universe deepens, astronomy continues to evolve, helping us explore fundamental questions about our place in the cosmos.

**Q15 How did the work of Hipparchus contribute to the empirical approach in astronomy?**

- (A) He calculated the distance between the Earth and the Sun with high accuracy.
- (B) He developed the brightness scale still in use today and cataloged over 800 stars.
- (C) He discovered the elliptical orbits of planets and their retrograde motion.
- (D) He created the first detailed map of the constellations based on mythological stories.

**Q16 Which of the following statements best describes how modern astronomy differs from ancient practices?**

- (A) Modern astronomy relies on astrology to predict celestial events.
- (B) Ancient astronomy was primarily theoretical, while modern astronomy is observational.
- (C) Ancient astronomy viewed the sky as a static array, while modern

astronomy reveals dynamic phenomena like black holes and galaxies.

- (D) Modern astronomy focuses solely on planetary science, whereas ancient astronomy included all celestial objects.

**Q17 Which of the following statements are correct based on the passage?**

- 1. The Greeks contributed to the empirical approach in astronomy through mathematical and observational methods.
- 2. Astronomy today encompasses subfields like astrophysics and cosmology, which were not part of ancient astronomy.
- 3. Stonehenge and the Nebra disk are examples of how ancient cultures integrated sky-watching into their daily lives.

- (A) 1 and 2 only      (B) 2 and 3 only
- (C) All 1, 2, and 3      (D) 1 and 3 only

**Q18 The following question, consists of an incomplete sentence or a sentence which is split into four parts. All four parts are jumbled up and are named as P, Q, R and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.**

The first-generation small modular \_\_\_\_\_ at economical rates.

P: assembled on-site with factory-made parts, to

Q: technologies and power that can be sold

R: reactors are expected to use low-enriched uranium in facilities

S: produce waste that can be handled using existing



- (A) PSQR (B) RPSQ  
(C) PQRS (D) PRQS

**Q19** The following question, consists of an incomplete sentence or a sentence which is split into four parts. All four parts are jumbled up and are named as P, Q, R and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.

Between the eighth and eleventh centuries A.D., \_\_\_\_\_ severe internal decline.

P: the Byzantine Empire staged an almost unparalleled

Q: it followed a long period of

R: that is all the more striking because

S: economic and cultural revival, a recovery

- (A) PSRQ (B) PQRS  
(C) RQPS (D) SRPQ

**Q20** The following question, consists of an incomplete sentence or a sentence which is split into four parts. All four parts are jumbled up and are named as P, Q, R and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.

In the two decades between 1910 and 1930, \_\_\_\_\_ it is claimed, between 1916 and 1918.

P: had been located, and migrated to northern states,

Q: over ten percent of the Black population of the United States left the South,

R: where the preponderance of the Black population

S: with the largest number moving,

- (A) QPRS (B) QRPS  
(C) RPQS (D) RPSQ

**Direction (21 - 23)** Read the following passage and answer the given questions.

**Directions:** Each of the following sentences in this section has a blank space with four words or group of words given. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

The momentary triumph of debate is \_\_\_\_ (X) \_\_\_\_\_. This does not change the thoughts of the person in front of you. Maliciousness arises in the mind, which lasts for a long time. It is more effective to influence people with your work without saying \_\_\_\_ (Y) \_\_\_\_\_. Arguing is like making noise. You cannot say for sure what effect it \_\_\_\_ (Z) \_\_\_\_ on the other person. Maybe he agrees with you but is angry inside. Your work should be more effective and meaningful. Therefore, if you reveal your thoughts through work, then the opponents will listen to you.

**Q21** Select the most appropriate word from the options against X .

- (A) consequential (B) hollow  
(C) void (D) spatial

**Q22** Select the most appropriate word from the options against Y .

- (A) something (B) anything  
(C) nothing (D) everything

**Q23** Select the most appropriate word from the options against Z .

- (A) have had (B) has had  
(C) had had (D) had

**Q24** Directions:- In the following question, out of the four alternatives, choose the one which is nearest to the meaning of the given idiom or phrase.

Paint the town red

- (A) To do something that makes it impossible to return to the previous situation later



- (B) To go out and enjoy yourself  
 (C) A special and memorable day  
 (D) To greatly impress a large number of people

**Q25 Directions:- In the following question, out of the four alternatives, choose the one which is nearest to the meaning of the given idiom or phrase.**

Cool one's heels

- (A) To show impudent contempt  
 (B) Win approval  
 (C) To be kept waiting  
 (D) To be useful

**Q26 Directions:- In the following question, out of the four alternatives, choose the one which is nearest to the meaning of the given idiom or phrase.**

Because it was the last day of class, the teachers \_\_\_\_\_.

- (A) cut us down to size.  
 (B) cut us some slack.  
 (C) cut us out of the class.  
 (D) cut us short.

**Q27 Each question consists of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.**

Window: Panes :: Book: ?

- (A) Cover (B) Novel  
 (C) Glass (D) Pages

**Q28 In the following question there is a related pair of words given. Each pair is followed by four other pairs of words. Choose the pair from the given option the pair of words that best expresses the relationship like the original pair.**

Pernicious : Malignant

- (A) Harmful : Helpful  
 (B) Noxious : Poisonous  
 (C) Destructive : Constructive  
 (D) Detrimental : Advantageous

**Q29 Select the option that can be used as a one-word substitute for the given group of words.**

The fear of aging

- (A) Claustrophobia (B) Gerascophobia  
 (C) Thanatophobia (D) Acrophobia

**Q30 Select the option that can be used as a one-word substitute for the given group of words.**

A lover of mankind

- (A) Chauvinist (B) Altruist  
 (C) Recluse (D) Termagant



# Answer Key

Q1 B  
Q2 B  
Q3 A  
Q4 B  
Q5 D  
Q6 A  
Q7 A  
Q8 A  
Q9 D  
Q10 B  
Q11 B  
Q12 A  
Q13 C  
Q14 D  
Q15 B

Q16 C  
Q17 C  
Q18 B  
Q19 A  
Q20 B  
Q21 B  
Q22 B  
Q23 B  
Q24 B  
Q25 C  
Q26 B  
Q27 D  
Q28 B  
Q29 B  
Q30 B



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# Hints & Solutions

Note: scan the QR code to watch video solution

## Q1 Text Solution:

The phrase "Neither of the" is followed by a plural noun when referring to two people or things.

"are" should be corrected to "is," as "Neither" is singular and requires a singular verb.

Correct sentence: "Neither of the men is available here."

## Q2 Text Solution:

**Error:** The phrase "awaiting for" should be corrected to "awaiting."

The verb "await" means "wait for," so using "for" after "await" is redundant.

The correct form should simply be "awaiting."

Correct sentence: "The students are eagerly awaiting the results of their final exams."

## Q3 Text Solution:

**Error:** "Childrens" should be corrected to "Children."

"Children" is already the plural form of "child," so adding an "s" is incorrect.

The correct plural form should be used.

Correct sentence: "Children of schools and colleges are expected to follow certain rules and regulations."

## Q4 Text Solution:

**Error:** "A scissors" should be corrected to "a pair of scissors".

**Explanation:** "Scissors" is a plural noun and is always referred to as "a pair of scissors" when using the indefinite article "a."

Correct sentence: "He has bought a pair of scissors to shave his moustache."

## Q5 Text Solution:

**Key Concept:** Fill in the blanks

**Explanation:**

Lets look into the meaning of all the option given:

"Keeping on"- means to persist or to continue doing something despite challenges or difficulties.

"Getting up"- means to rise from a lying or sitting position, usually in the morning.

"Going on"- means to be happening or to be in progress.

"Carrying on"- means to continue or to keep doing something.

The correct answer is "carrying on" as it means to continue or to keep doing something. So the complete sentence will be "How are you carrying on in your new job? Are you enjoying it?"

Hence, the correct answer is Option D, i.e., "Carrying on".

## Q6 Text Solution:

"If" introduces a conditional clause, indicating that the speaker's desire to go to the concert depends on finding a babysitter. This creates a logical connection between the two parts of the sentence.

"May" expresses possibility.

"Unless" suggests the opposite condition which is not stated in this sentence.

"Because" implies a reason for the desire to go to the concert.

The correct sentence is: "I would like to go to the concert **if** I can find a babysitter."

## Q7 Text Solution:

The given sentence refers to an unlikely situation.

The present perfect tense is used to express the idea that something has never happened i.e. '**have always wondered**'.

'have always wonder' and 'have always wondering' are incorrect because the 'have' always takes the 3rd form of the verb.

'Am always wonder' is also incorrect because of the incorrect grammar.



Hence, the correct sentence is: "I have always wondered what it would be like to be inside a chocolate factory".

#### Q8 Text Solution:

The correct answer is **option(a)**.

**A) Callous refers to showing or having an insensitive and cruel disregard for others. Hence this word is contextually correct.**

B) Compassionate refers to feeling or showing sympathy and concern for others.

C) Benevolent refers to well-meaning and kindly.

D) Indurate refers to harden.

#### Q9 Text Solution:

**Correct Answer:** D) Quandary

A "dilemma" is a situation in which a difficult choice has to be made between two or more alternatives, often equally undesirable. The word "quandary" also means a state of uncertainty or perplexity, which closely matches the meaning of "dilemma." The other options do not convey the same meaning:

- "Blessing" refers to something beneficial.
- "Benefit" is an advantage.
- "Agreement" refers to harmony or a mutual understanding.

#### Q10 Text Solution:

**Correct Answer:** B) Roar

**"Blare"** means a loud, harsh sound, which is similar to a **"roar."** The other options do not match this meaning:

- "Gurgle" refers to a bubbling sound.
- "Plash" refers to the sound of liquid, such as splashing.
- "Hum" refers to a low, continuous sound.

#### Q11 Text Solution:

**Correct Answer:** B) Dilapidated

"Decrepit" means old and worn out, often referring to something that is in a state of disrepair. "Dilapidated" is the closest synonym, meaning something that is decayed or in a state of ruin. The other options do not convey this meaning:

- "Sturdy" means strong and well-built.
- "Uninterrupted" refers to something that is continuous without a break.
- "Stout" means strong, thick, or resolute.

#### Q12 Text Solution:

Let's first learn the meanings of the given words:

- **Tyranny:** cruel and oppressive government or rule
  - Example: The refugees were fleeing tyranny.
- **Autonomy:** the right or condition of self-government
  - Example: The region has been granted autonomy.
- **Oppression:** prolonged cruel or unjust treatment or control
  - Example: The oppression of minorities is not getting noticed.
- **Hatred:** intense or passionate dislike.
  - Example: He incurred the hatred of all his colleagues.
- **Mystery:** something that is difficult or impossible to understand or explain
  - Example: The mystery of the universe is quite amazing,

After analyzing the meanings of the given words it is clear that **"Autonomy"** is the correct antonym for **"Tyranny."**

#### Q13 Text Solution:

Let's first see the meanings of the given words:

- **Entice:** attract or tempt by offering pleasure or advantage.





- e.g. A smell of coffee in the doorway enticed people to enter the shop.
- **Repulse:** to drive back by force or cause to feel intense distaste and aversion.
  - e.g. The enemy attack was quickly repulsed.
- **Authorize:** give official permission for or approval to (an undertaking or agent).
- **Baffle:** to confuse or perplex someone
- **Misplace:** to lose something temporarily by forgetting where you have put it

Hence, **option C** is the correct answer.

#### Q14 Text Solution:

Let us understand the given words:

- Scuffle (झगड़ा) - A brief and disorderly struggle or fight; a skirmish.
- Battle (युद्ध) - A prolonged and intense fight between armed forces or opposing groups.
- Combat (संघर्ष) - An active struggle between competing entities; a fight or conflict.
- Conflict (संघर्ष) - A serious disagreement or argument, typically a prolonged one.
- Truce (संघर्षविराम) - An agreement between enemies or opponents to temporarily stop fighting; a ceasefire.

Hence, the correct answer is "Truce".

#### Q15. Text Solution:

Hipparchus is credited with **cataloging over 800 stars using the naked eye and developing the brightness scale that is still in use today**. This systematic and quantitative approach is a key contribution to the empirical methods in modern astronomy.

#### Q16. Text Solution:

**Correct Answer:** C) Ancient astronomy viewed the sky as a static array, while modern astronomy reveals dynamic phenomena like black holes and galaxies.

**Explanation:** The passage highlights that ancient astronomers saw the sky as a two-dimensional array of constellations. In contrast, modern astronomy, with advanced technology, reveals a dynamic universe filled with complex phenomena such as black holes and galaxies.

#### Q17. Text Solution:

**Correct Answer:** C) All 1, 2, and 3

**Explanation:** All three statements are supported by the passage. The Greeks applied mathematical and observational methods, modern astronomy has expanded to include subfields like astrophysics and cosmology, and ancient monuments like Stonehenge reflect the significance of sky-watching in ancient cultures.

#### Q18 Text Solution:

The correct answer is **Option B**.

**Complete sentence:** The first-generation small modular reactors are expected to use low-enriched uranium in facilities assembled on-site with factory-made parts, to produce waste that can be handled using existing technologies and power that can be sold at economical rates.

#### Q19 Text Solution:

The correct answer is **Option A**.

**Complete sentence:** Between the eighth and eleventh centuries A. D., the Byzantine Empire staged an almost unparalleled economic and cultural revival, a recovery that is all the more striking because it followed a long period of severe internal decline.

#### Q20 Text Solution:

The correct answer is **Option B**.

**Complete sentence:** In the two decades between 1910 and 1930, over ten percent of the Black population of the United States left the South, where the preponderance of the Black population had been located, and migrated to northern states, with the largest



number moving, it is claimed, between 1916 and 1918.

**Q21. Text Solution:**

**Hollow : without real value/ Without significance. So 'anything' is the right option.**

Momentary victory is worthless/ meaningless.  
consequential : important; that will have important results.

void - completely without something.

spatial - relating to space and the position, size, shape, etc. of things in it.

**Q22. Text Solution:**

**Without - not having.**

'Without' is itself a negative preposition so it has got a negative meaning. In negative sentences, non assertive words are used. So 'anything' is the right option.

**Q23. Text Solution:**

'It' is a singular subject so it will take a singular verb. On this basis option A got eliminated. Main clause is in the present tense so it will use the present tense.

**Has had - present perfect.**

Had had - past perfect.

Had - past simple

**Q24 Text Solution:**

**Explanation:-**

"Paint the town red" means to go out and enjoy yourself by drinking alcohol, dancing, laughing with friends, etc.

**Example:** After winning the championship game, the team painted the town red.

Let's have a look at other options:

- To do something that makes it impossible to return to the previous situation later Burn one's bridges
- A special and memorable day  
A red-letter day

**Q25 Text Solution:**

Cool one's heels – **to be kept waiting**

Example- "Their delegation was left **cooling their heels** for days"

**Q26 Text Solution:**

**cut someone some slack-** to give someone additional freedom

The idiom "cut us some slack" means **to be lenient or give someone a break**. Given that it was the last day of class, it makes sense that the teachers might have been more lenient with the students.

The other options do not fit the context or convey the correct meaning:

- "Cut us down to size" means to humble someone.
- "Cut us out of the class" suggests exclusion.
- "Cut us short" implies to stop someone from talking before they have finished what they were saying

**Q27 Text Solution:**

Correct Answer: D) Pages

The relationship between "Window" and "Pane" is that a window typically has panes (a framed sheet of glass in a window or door). Similarly, a book consists of "pages," which is the primary component of a book. The other options do not share the same relationship: Cover is a part of the book but not equivalent to "panes" in relation to a window. Novel is a type of book, not a part of it. Glass does not fit the context of a book.

**Q28 Text Solution:**

The correct answer is '**B' (Noxious : Poisonous)**.

Both Pernicious and Malignant carry a sense of extreme harm or evil; they describe something extremely detrimental or dangerous.

Likewise, Noxious and Nasty are words that denote extreme unpleasantness or



harmfulness. **Noxious** signifies something physically harmful or poisonous, while Poisonous implies causing or capable of causing death.

Let's see the other given options:

**Option A (Harmful : Helpful):** These words represent direct opposites, but they don't reflect the extreme, malevolent nature that Pernicious and Malignant carry.

**Option C (Destructive : Constructive):** These words represent opposite actions or qualities, but they don't capture the malevolent and extremely harmful sense of Pernicious and Malignant.

**Option D (Detrimental : Advantageous):** These words represent opposing effects, but they don't mirror the strong negative

connotations and extreme harm indicated by Pernicious and Malignant.

#### Q29 Text Solution:

**Correct Answer:** B) Gerascophobia

- **Claustrophobia** is the fear of confined spaces.
- **Gerascophobia** is the fear of aging.
- **Thanatophobia** is the fear of death.
- **Acrophobia** is the fear of heights.

Hence, the correct term for the fear of aging is "Gerascophobia."

#### Q30 Text Solution:

**Altruist** means A lover of mankind.

Synonym : Philanthropist

Antonym : Misanthrope



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