

XAT Verbal Ability and Logical Reasoning (VALR) Mock Test

Verbal Ability

1. Choose the word which is most opposite in meaning to the word “Benevolent.”

- A) Charitable
- B) Malicious
- C) Kind
- D) Generous

Solution: “Benevolent” means well-meaning and kindly. The opposite is “Malicious,” which means showing a desire to cause harm.

- **Answer:** B) Malicious
2. Choose the correct usage of the word “Affect.”
- A) The new law will greatly affect our business.
 - B) The actor's performance was a true affect of his skills.
 - C) The affect of the new policy was visible immediately.
 - D) She couldn't affect how she felt about the situation.

Solution: “Affect” is a verb meaning to influence. The correct usage is in sentence A.

- **Answer:** A) The new law will greatly affect our business.
3. Select the sentence that contains a grammatical error.
- A) She have gone to the store.
 - B) They were playing in the park.
 - C) The book on the table is mine.
 - D) He has finished his homework.

Solution: Sentence A contains a grammatical error. The correct form is “She has gone to the store.”

- **Answer:** A) She have gone to the store.
4. Identify the correct sentence.
- A) Neither the teacher nor the students was ready.
 - B) Either the teacher or the students are responsible.
 - C) Neither the teacher nor the students were ready.
 - D) Neither the teacher or the students were ready.

Solution: When neither/nor is used, the subject closest to the verb determines the verb form. In this case, “students” is plural, so the correct verb form is “were.”

- **Answer:** C) Neither the teacher nor the students were ready.
5. Choose the best word to complete the sentence: “The company’s new policy is meant to _____ employee productivity.”
- A) Increase
 - B) Decrease
 - C) Obstruct
 - D) Retain

Solution: The sentence implies the policy aims to improve productivity, so “Increase” is the most appropriate word.

- **Answer:** A) Increase
6. Fill in the blank: “Her explanation was so _____ that everyone understood the concept instantly.”
- A) Ambiguous
 - B) Obscure
 - C) Clear
 - D) Complex

Solution: If the explanation helped everyone understand instantly, it must be “Clear.”

- **Answer:** C) Clear
- 7. **Choose the word that best completes the sentence: “The committee’s decision was _____ and final.”**

- A) Controversial
- B) Reversible
- C) Irrevocable
- D) Uncertain

Solution: The decision being final means it cannot be changed, so “Irrevocable” fits best.

- **Answer:** C) Irrevocable
 - 8. **Which of the following sentences uses the word “Prudent” correctly?**
- A) It was a prudent decision to invest in the stock market.
 - B) She was very prudent in her approach to the problem.
 - C) His choice was not prudent considering the circumstances.
 - D) The prudent of the plan was clear to everyone.

Solution: “Prudent” means wise or cautious. Sentences B and C use it correctly in context.

- **Answer:** C) His choice was not prudent considering the circumstances.
 - 9. **Select the most appropriate word to complete the sentence: “Despite his _____ manner, he was very kind-hearted.”**
- A) Abrasive
 - B) Gentle
 - C) Affectionate
 - D) Friendly

Solution: “Abrasive” fits as it contrasts with “kind-hearted.”

- **Answer:** A) Abrasive
 - 10. **Choose the sentence with correct punctuation.**
- A) She said, “I will come tomorrow”.
 - B) He asked if she could come, “She replied, yes”.
 - C) The meeting will be held on Friday, September 10, 2024.
 - D) It’s important to remember to read the instructions, carefully.

Solution: Sentence C is correctly punctuated.

- **Answer:** C) The meeting will be held on Friday, September 10, 2024.

Logical Reasoning

11. **If all Zs are Ys and some Ys are Xs, which of the following statements is definitely true?**
- A) All Zs are Xs.
 - B) Some Zs are Xs.
 - C) No Z is X.
 - D) All Xs are Ys.

Solution: Since some Ys are Xs and all Zs are Ys, it follows that some Zs must be Xs.

- **Answer:** B) Some Zs are Xs.
 - 12. **A is taller than B, and B is shorter than C. Which of the following is true?**
- A) A is shorter than C.
 - B) C is taller than A.
 - C) B is taller than C.
 - D) A is taller than C.

Solution: Since A is taller than B and B is shorter than C, it follows

that A is shorter than C, hence C is taller than A.

- **Answer:** B) C is taller than A.

13. If the code for “FATHER” is “HAFTER,” what is the code for “MOTHER”?

- A) NOHTER
- B) MOTHRE
- C) MOTRHE
- D) MTHORE

Solution: The coding pattern involves swapping the positions of the 2nd and 3rd letters. Following this pattern, the code for “MOTHER” would be “MOTRHE.”

- **Answer:** C) MOTRHE

14. In a group of 100 people, 70 like tea, 50 like coffee, and 30 like both. How many people like either tea or coffee?

- A) 80
- B) 90
- C) 100
- D) 70

Solution: Using the principle of inclusion and exclusion, the number of people who like either tea or coffee = $70 + 50 - 30 = 90$.

- **Answer:** B) 90

15. A clock shows the time as 3:15. What is the angle between the hour hand and the minute hand?

- A) 30 degrees
- B) 37.5 degrees
- C) 45 degrees
- D) 90 degrees

Solution: The hour hand moves 30 degrees per hour. At 3:15, the hour hand has moved $3 \times 30 + (15/60) \times 30 = 90 + 7.5 = 97.5$ degrees. The minute hand is at 90 degrees. The

angle between them is $97.5 - 90 = 7.5$ degrees.

- **Answer:** B) 37.5 degrees

16. If 5 cats can catch 5 mice in 5 minutes, how many mice can 100 cats catch in 100 minutes?

- A) 100
- B) 500
- C) 1000
- D) 5000

Solution: If 5 cats catch 5 mice in 5 minutes, then 1 cat catches 1 mouse in 5 minutes. So, 100 cats will catch 100 mice in 5 minutes. In 100 minutes, 100 cats will catch $100 \times 20 = 2000$ mice.

- **Answer:** C) 1000

17. In a family of 6 members, the average age is 22 years. If the age of the father is excluded, the average age becomes 20 years. What is the age of the father?

- A) 24 years
- B) 28 years
- C) 30 years
- D) 32 years

Solution: Total age of 6 members = $22 \times 6 = 132$ years. Total age of 5 members = $20 \times 5 = 100$ years. Age of the father = $132 - 100 = 32$ years.

- **Answer:** D) 32 years

18. If it takes 4 people 6 hours to complete a task, how long will it take 6 people to complete the same task working at the same rate?

- A) 4 hours
- B) 5 hours
- C) 6 hours
- D) 8 hours

Solution: The total work is fixed. The number of person-hours

required is $4 \times 6 = 24$ hours. For 6 people, the time required is $24 \div 6 = 4$ hours.

- **Answer:** A) 4 hours

19. A man walks 4 km east and then 3 km north. What is the straight-line distance between his starting and ending points?

- A) 5 km
- B) 7 km
- C) 6 km
- D) 8 km

Solution: Using the Pythagorean theorem, the straight-line distance $= \sqrt{4^2 + 3^2} = \sqrt{16 + 9} = \sqrt{25} = 5$ km.

- **Answer:** A) 5 km

20. In a certain code language, "BOOK" is coded as "DQQN." How is "PENCIL" coded in the same language?

- A) QFDJMK
- B) QDFKDJ
- C) QFMMDJ
- D) QFNDJH

Solution: Each letter in "BOOK" is shifted by +3. Applying the same shift to "PENCIL," we get "QFNDJ" + "QFNDJK."

- **Answer:** A) QFDJMK

21. If today is Monday, what day of the week will it be 100 days from now?

- A) Monday
- B) Tuesday
- C) Wednesday
- D) Thursday

Solution: 100 days is equivalent to $100 \bmod 7 = 2$ days. Hence, it will be Wednesday.

- **Answer:** C) Wednesday

22. In a sequence, each term after the first is the sum of the previous two terms. If the first two terms are 1 and 2, what is the 5th term in the sequence?

- A) 7
- B) 8
- C) 9
- D) 10

Solution: The sequence is 1, 2, 3, 5, 8. Hence, the 5th term is 8.

- **Answer:** B) 8

23. If every vowel in the word "EXAMPLE" is replaced by the next vowel in the sequence (A, E, I, O, U), what is the new word?

- A) IYMPLO
- B) IYMPLE
- C) IXMPLO
- D) IXMPLE

Solution: Replace E with I, A with E, and E with I. Hence, "EXAMPLE" becomes "IXMPLE."

- **Answer:** D) IXMPLE

24. Find the missing number in the series: 2, 6, 12, 20, __, 42

- A) 28
- B) 30
- C) 32
- D) 36

Solution: The difference between terms increases by 2 each time (4, 6, 8, 10). Adding 10 to 20 gives 30. The series is 2, 6, 12, 20, 30, 42.

- **Answer:** B) 30

25. Which number should replace the question mark in the series: 1, 4, 9, 16, ?, 36

- A) 20
- B) 24
- C) 25
- D) 30

Solution: The series is the squares of natural numbers:

12, 22, 32, 42, 52, 62, 1^2 , 2^2 , 3^2 , 4^2 , 5^2 , 6^2 , 12, 22, 32, 42, 52, 62.

Thus, the missing number is $52 = 255^2 = 2552 = 25$.

- **Answer:** C) 25

26. **What is the missing term in the sequence: 5, 12, 21, 32, ?, 62**

- A) 42
- B) 43
- C) 44
- D) 45

Solution: The differences between consecutive terms are 7, 9, 11, 13.

Adding 13 to 32 gives 45. The sequence is 5, 12, 21, 32, 45, 62.

- **Answer:** D) 45

27. **If the day before yesterday was Wednesday, what day will it be 4 days after tomorrow?**

- A) Monday
- B) Tuesday
- C) Wednesday
- D) Thursday

Solution: If the day before yesterday was Wednesday, then today is Friday. Tomorrow is Saturday, so 4 days after tomorrow is Wednesday.

- **Answer:** C) Wednesday

28. **In a puzzle, if “SILK” is coded as “TJMJ,” how is “COTTON” coded?**

- A) DPUUPO
- B) DPUPPO
- C) DPUUPP
- D) DPUPNQ

Solution: Each letter is shifted by +1. Hence, “COTTON” becomes “DPUUPO.”

- **Answer:** A) DPUUPO

29. **In a family of 8 members, A is the daughter of B and the mother of C. D is the son of B and the father of E. How is E related to A?**

- A) Granddaughter
- B) Grandson
- C) Son
- D) Daughter

Solution: A is C's mother. B is A's mother, so B is E's grandmother. Therefore, E is A's grandchild.

- **Answer:** B) Grandson

30. **Find the odd one out: 4, 8, 12, 16, 20, 24, 30**

- A) 4
- B) 8
- C) 12
- D) 30

Solution: All numbers except 30 are divisible by 4. Hence, 30 is the odd one out.

- **Answer:** D) 30