

VITEEE 2025 Memory Based Question Paper PDF (April 23, 2025) (Shift 2)

1. Statement: All Mangoes are Apples.

Conclusions: 1. Some Apples are Mangoes. 2.

All Apples are Mangoes.

3. Some Mangoes are Apples.

4. Some Apples are not Mangoes.

(A) Only 1 follow.

(B) Only 2 follow.

(C) Only 1 and 3 follow.

(D) None Follow.

2. Statement: Some dogs are cats.

Conclusions: 1. Some cats are dogs.

2. All cats are dogs.

3. All dogs are cats.

4. No dogs are cats.

(A) Only 1 follow.

(B) Only 2 follow.

(C) Only 1 and 3 follow.

(D) None Follows.

3. Statement: No book is copy.

Conclusions: 1. No copy is book. 2.

Some copies are not books.

3. All books are not copies.

4. All books are copies.

(A) Only 1 follow.

(B) Only 2 follow.

(C) Only 1, 2, and 3 follow.

(D) None Follows.

4. In a code language, 'TIGER' is written as 'JUISE'. How will 'EQUAL' be written in that language?

(A) RFXMB

(B) RFWMB

(C) RXMBF

(D) RFWBE

5. Images of consonants of the capital English alphabets are observed in a mirror.

What is the number of images of these which look like their original shapes?

(A) 11

(B) 9

(C) 7

(D) 5

6. TUV : VYB :: PRA

: ? (A) PRS

(B) RVG

(C) QVR

(D) RVO

7. A is the brother of R. C is the mother of B. M is the sister of C.

How is M related to B?

(A) Nephew

(B) Niece

(C) Aunt

(D) Cannot be determined

8. How is P related to R?

Statements: I. Q is the son of R.

II. Q is the brother of P.

- (A) if Statement I, alone is sufficient to answer the question
 - (B) if Statement II, alone is sufficient to answer the question
 - (C) if Statements I and II together are needed to answer the question
 - (D) if Statements I and II together are not sufficient to answer the question
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9. Select the number from among the given options that can replace the question mark

(?) in the following series: 3, 10, 24, ?, 73, 108

- (A) 37
 - (B) 45
 - (C) 52
 - (D) 32
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10. From the given options, choose the correct one that will replace the question mark

(?) in the following series: 2, 0, 3, 2, 4, 6, 5, 12, 6, ?, 7, 30

- (A) 6
 - (B) 20
 - (C) 7
 - (D) 16
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11. When the time is 8:30, the angle between the minute hand and the hour hand of a clock is:

- (A) 75°
 - (B) 105°
 - (C) 180°
 - (D) 255°
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