

Grade VI
Mathematics
Home Work
(1st Week)

MCQ

Unit No: I

Instructions: Students before attempting this MCQ, read the page number 2 of **unit I** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

1. Identify the **infinite set** from the following.

(1 Mark)

{1,3,5,7,9}

Ⓐ

{2,3,5,7,11}

Ⓑ

{1,2,3,4,5,6}

Ⓒ

{2,4,6,8.....}

Ⓓ

or

Unit No: I

Instructions: Students before attempting this MCQ, read the page number 6 to 10 of **unit I** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

2. Identify the **equal set** of $A = \{m, n, u\}$ from the following.

(1 Mark)

$D = \{j, k, l\}$

Ⓐ

$B = \{p, q, r\}$

Ⓑ

$C = \{u, n, m\}$

Ⓒ

$Z = \{x, y, z, t\}$

Ⓓ

CRQ

Unit No: I

Instructions: Students before attempting this CRQ, read the page number 1 to 4 of **unit I** from Get Ahead Mathematics Grade VI OUP.

3. If $A = \{a, b, c\}$ and $B = \{c, d, e\}$, then write which of the following statements are **true** or **false**.

(4 Marks)

Solution.

- (i) $A \leftrightarrow B$. _____
- (ii) $a \in A$. _____
- (iii) $A = B$. _____
- (iv) $d \notin B$. _____

Grade VI
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Home Work
(2nd Week)

CRQ

Unit No: II

Instructions: Students before attempting this CRQ, read the page number 9 of **unit II** from Get Ahead Mathematics Grade VI OUP.

6. Verify “**associative law under addition**” for **10, 15** and **20**. Show proper working steps.

(4 Marks)

Solution.

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(3rd Week)

MCQ

Unit No: III

Instructions: Students before attempting this MCQ, read the page number **12** of **unit III** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

7. The factor of **63** from the following is

(1 Mark)

- | | |
|---|---------------------------|
| 2 | <input type="radio"/> (A) |
| 5 | <input type="radio"/> (B) |
| 7 | <input type="radio"/> (C) |
| 8 | <input type="radio"/> (D) |

Or

Unit No: III

Instructions: Students before attempting this MCQ, read the page number **13** of **unit III** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

8. The next multiple of **6** from the following would be

(1 Mark)

6, 12, 18, 24, _____

- | | |
|----|---------------------------|
| 27 | <input type="radio"/> (A) |
| 30 | <input type="radio"/> (B) |
| 33 | <input type="radio"/> (C) |
| 35 | <input type="radio"/> (D) |

CRQ

Unit No: III

Instructions: Students before attempting this CRQ, read the page number **17 to 18** of **unit III** from Get Ahead Mathematics Grade VI OUP.

9. Find the **greatest length** of a measuring tape which can be used to measure exactly **360** centimetres and **520** centimetres through HCF by using long division method. Show proper working steps.

(4 Marks)



Solution.

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(4th Week)

MCQ

Unit No: IV

Instructions: Students before attempting this MCQ, read the page number **21** of **unit IV** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

10. An integer that lies between -2 and 0 is

(1 Mark)

- | | |
|------|-----|
| -1 | (A) |
| -5 | (B) |
| -3 | (C) |
| -8 | (D) |

Or

Unit No: IV

Instructions: Students before attempting this MCQ, read the page number **22 to 23** of **unit IV** from Get Ahead Mathematics Grade VI OUP. Read carefully the given MCQ and shade the correct answer with help of a pencil.

11. $(-15) + (+3) =$ _____.

(1 Mark)

- | | |
|-------|-----|
| $+12$ | (A) |
| $+18$ | (B) |
| -12 | (C) |
| -18 | (D) |

CRQ

Unit No: II

Instructions: Students before attempting this CRQ, read the page number **19 to 20** of **unit III** from Get Ahead Mathematics Grade VI OUP.

12. Find the **least number** of flowers that can be arranged in **12, 15** and **25** rows through LCM by using division method. Show proper working steps.

(4 Marks)



Solution.