

**Grade VI**  
**Mathematics**  
**Home Work**  
**(1<sup>st</sup> Week)**

## MCQ

### Unit No: I

**Instructions:** Students before attempting this MCQ, read the page number **1** of **unit I** from Mathematics Grade VI STBB. Read carefully the given MCQ and shade the correct answer with help of a pencil.

1. The collection of '**well defined**' and '**distinct**' objects is called

(1 Mark)

Operation

Ⓐ

Selection

Ⓑ

Element

Ⓒ

Set

Ⓓ

Or

**Unit No: I**

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

2. Identify the correct symbol to indicate the relation between two sets from the following.

(1 Mark)

$$\{p, q, r\} \text{ _____ } \{r, p, q\}$$

=

Ⓐ

~

Ⓑ

∈

Ⓒ

∉

Ⓓ

### CRQ

#### Unit No: I

**Instructions:** Students before attempting this CRQ, read the page number 6 to 10 of unit I from Mathematics Grade VI STBB.

3. Indicate which of the following statements are **true** or **false**.

(4 Marks)

**Solution.**

- (i)  $A \subseteq B$  if  $A = \{7, 8\}$  and  $B = \{3, 4, 5\}$ . \_\_\_\_\_
- (ii) The notation  $\in$  is a symbol to indicate membership of a set. \_\_\_\_\_
- (iii) If  $X = \{a, b\}$  and  $Y = \{c, d\}$ , then  $X \sim Y$ . \_\_\_\_\_
- (iv) A set having more than one element is called singleton. \_\_\_\_\_

**Grade VI**  
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**(2<sup>nd</sup> Week)**

### MCQ

#### Unit No: II

**Instructions:** Students before attempting this MCQ, read the page number **21 and 22** of **unit II** from Mathematics Grade VI STBB. Read carefully the given MCQ and shade the correct answer with help of a pencil.

4. A man had Rs **60,000**. He gave Rs **15,500** to his wife for shopping. How much money has left with him now?

(1 Mark)

Rs 26500

Ⓐ

Rs 38000

Ⓑ

Rs 44500

Ⓒ

Rs 47725

Ⓓ

Or

#### Unit No: II

**Instructions:** Students before attempting this MCQ, read the page number **25** of **unit II** from Mathematics Grade VI STBB. Read carefully the given MCQ and shade the correct answer with help of a pencil.

5. **Zero “0”** is recognized as

(1 Mark)

Additive inverse.

Ⓐ

Additive identity.

Ⓑ

Multiplicative inverse.

Ⓒ

Multiplicative identity.

Ⓓ

CRQ

**Unit No: II**

**Instructions:** Students before attempting this CRQ, read the page number **23 to 24** of **unit II** from Mathematics Grade VI STBB.

- 6.** Verify “**commutative law under addition**” of the following. Show proper working steps.

**(4 Marks)**

**350 and 730**

**Solution.**

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**Home Work**  
**(3<sup>rd</sup> Week)**



### MCQ

#### Unit No: III

**Instructions:** Students before attempting this MCQ, read the page number **36 to 37** of **unit III** from Mathematics Grade VI STBB. 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 | Ⓐ |
| 5 | Ⓑ |
| 7 | Ⓒ |
| 8 | Ⓓ |

Or

#### Unit No: III

**Instructions:** Students before attempting this MCQ, read the page number **37 to 38** of **unit III** from Mathematics Grade VI STBB. 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 | Ⓐ |
| 30 | Ⓑ |
| 33 | Ⓒ |
| 35 | Ⓓ |

### CRQ

#### Unit No: III

**Instructions:** Students before attempting this CRQ, read the page number **51 to 53** and **58 to 59** of **unit III** from Mathematics Grade VI STBB.

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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### MCQ

**Unit No: IV**

**Instructions:** Students before attempting this MCQ, read the page number **64** of **unit IV** from Mathematics Grade VI STBB. 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)

- |      |   |
|------|---|
| $-1$ | Ⓐ |
| $-5$ | Ⓑ |
| $-3$ | Ⓒ |
| $-8$ | Ⓓ |

**Or**

**Unit No: IV**

**Instructions:** Students before attempting this MCQ, read the page number **77** of **unit IV** from Mathematics Grade VI STBB. Read carefully the given MCQ and shade the correct answer with help of a pencil.

**11.**  $(-15) + (+3) =$  \_\_\_\_\_.

(1 Mark)

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

### CRQ

#### Unit No: III

**Instructions:** Students before attempting this CRQ, read the page number **55** to **60** of **unit III** from Mathematics Grade VI STBB.

- 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.**