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

#### 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	٨	
Selection	B	
Element	©	
Set	0	
	Or	

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#### Unit No: I

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**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)

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

B

C

#### 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 = {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.

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# Grade VI Mathematics Home Work (2<sup>nd</sup> Week)

**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?

Ĵ	(1 Mark)	
Rs 26500	A	
Rs 38000	B	
Rs 44500	Ô	
Rs 47725	0	
	Or	

#### Unit No: II

**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.	$\textcircled{\begin{tabular}{c} \label{eq:alpha} \end{array}}$	
Additive identity.	B	
Multiplicative inverse.	©	
Multiplicative identity.	0	
	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.

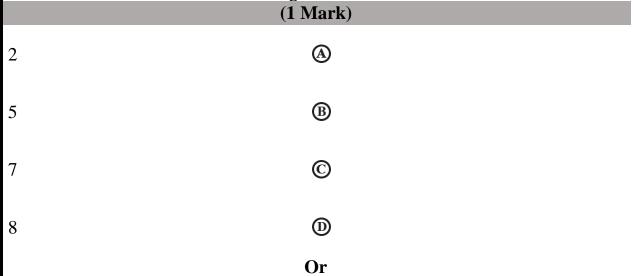
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# Grade VI Mathematics Home Work (3<sup>rd</sup> Week)

#### 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



#### 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)		
12, 18, 24,		
A		
B		
©		
	12, 18, 24, (A) (B) (C)	

### 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.

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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# Grade VI Mathematics Home Work (4<sup>th</sup> Week)

#### 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

0 18	(1 Mark)	
-1	۸	
-5	B	
-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) =

(-13) + (+3) =	(1 Mark)	
+12	A	
+18	B	
-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.