**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-20)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** Solution of the in equality x-3 < is: **(01 Marks)**

c.

d.

b.

a.

 -1 0 1 -1 0 1

 -1 0 1 -1 0 1

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| a)  -1 0 1 | n < 1 Solution of incoquality an number line | (01 Marks) |

**Name and Signature**

Dr.M. Anwer

**Reviewer Comments:**

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**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-20)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** Solution of the in equality2x+3 < x is: **(01 Marks)**

c.

d.

b.

a.

 -1 0 1 -1 0 1

 -1 0 1 -1 0 1

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| c)  -1 0 1 | Solution of incoquality an number line | (01 Marks) |

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**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-21)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** The gradient of the line y= $\frac{-1}{2} n+ \frac{3}{2} is : $ **(01 Marks)**

a) $\frac{3}{2}$ b) $\frac{-3}{2}$ c) $\frac{1}{2}$ d) $\frac{-1}{2}$

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| d) $\frac{-1}{2}$  | Finding of gradient | (01 Marks) |

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**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-21)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** The gradient of the line y= $2x+3y is : $ **(01 Marks)**

a) $\frac{3}{3}$ b) $\frac{-2}{3}$ c) $-1$ d) $\frac{-3}{2}$

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| b) $\frac{-2}{3}$ | Finding of gradient | (01 Marks) |

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**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-22)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** In equation 2x-3y-4 the value of y, for n = $\frac{1}{2} , is : $ **(01 Marks)**

a) $-1$ b) $0$ c) $1$ d) $01$

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| a) $-1$  | Finding the value of y for the given value of x | (01 Marks) |

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name and Signature Reviewer**

**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-22)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** In Cquation 3x-2y= -1, The value of y, for n= -$\frac{1}{3} is$

a) $5$ b) $-5$ c) $6$ d) $-6$

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| a) $-5$  | Finding the value of y when the value of x is given | (01 Marks) |

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**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-23)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** The graph of the line y= $\frac{1}{3}x $ for x = 0,3 is:

d.

b.

c.

a.

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| a)  |  | (01 Marks) |

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**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-23)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** Plot the graph of the equation 3y= 6n-3 for x = 0,1.  **(04 Marks)**

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| **3 y = 6x-3** **Y=2x-1 Q** **For x = 0,1**

|  |  |  |
| --- | --- | --- |
| **x** | **0** | **1** |
| **y** | **-1** | **-1** |

**Graph 4** **(1,-1)** **(0,-1)** | Supplying Finding values of y for x=01Plotting the front and lruving the graph | (01 Marks)(01 Marks)(02 Marks) |

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**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-23)**

**Type of Task: SCQ**

**Level of SLO: Comprehension**

**Task:** 2y = 2+2 and 2y = n+4 are two lines:  **(03 Marks)**

Find : (i) Slope 1st line slope of 2nd line (ii) Interpret theer Seops

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| **a) 2y = x +2**  **y=** $\frac{x}{2}+1$ **=** $\frac{1}{2} $ **-1****b) 2y = x+4** **y=** $\frac{1}{2} x+2$$m^{2}= \frac{1}{2} $**c) m1 = m2**Line in parallel and do not interest. | Finding the scope of line 1Finding the scope of line 1Finding the scope of line 2 | (01 Marks)(01 Marks)(01 Marks) |

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**Name and Signature Reviewer**

**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-24)**

**Type of Task: SCQ**

**Level of SLO: Comprehension**

**Task:** 2x+3y=1 and 3x+2y=1 are two lines.  **(03 Marks)**

Find : (a) Slope of 1st line b) Slope of 2nd line c) Interpret their sloes

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| a) 2x+ 3y = 1 3y = -2x +1  y= $\frac{-2}{3} x+ \frac{1}{3}$ m1 = $\frac{-2}{3}$b) 3x+2y= -1 2y = -3x-1 y= $\frac{-3}{2} x-\frac{1}{2}$  m2 = = $\frac{-3}{2}$c) m1 ≠ m2Lines are not parallel and interest at a single point |  | (01 Marks)(01 Marks)(01 Marks) |

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Dr.M. Anwer

**Reviewer Comments:**

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**Name and Signature Reviewer**

**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-25)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** The y- intercept of the line 2y= -x 2 is =  **(01 Marks)**

Find : a) $\frac{1}{2}$ b) $\frac{-1}{2}$ c) $-1$ d) 1

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| d) 1 | Finding y- intercept  | (01 Marks) |

**Name and Signature**

Dr.M. Anwer

**Reviewer Comments:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name and Signature Reviewer**

**Mathematics**

**Subject: Mathematics**

**Domain: B- Transformations**

**Grade:**-8

**Unit 8 :** **Transformations**

**Type of Assessment: Formative**

**SLO: ( M-08-B-25)**

**Type of Task: MCQ**

**Level of SLO: Comprehension**

**Task:** The y- intercept of the line 3y= 3x – is:  **(01 Marks)**

Find : a) $-1$ b) $1$ c) $\frac{-1}{3}$ d) $\frac{1}{3}$

**Level of Item: Comprehension**

|  |  |  |
| --- | --- | --- |
| **Expected Response** | **Skill Observed** | **Score** |
| c) $\frac{-1}{3}$  | Finding y- intercept  | (01 Marks) |

**Name and Signature**

Dr.M. Anwer

**Reviewer Comments:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name and Signature Reviewer**