

Time: 10 Minutes	Paper Math 7 (T-1)	Total Marks: 10
3rd Month, 3rd Week, 4th Day	Exercise 2.7 Q # (2)	

Q.1. Choose the correct options. (1 x 3 = 3) درست جواب کا انتخاب کریں۔

(i) Factorization of $a(x - y) - b(x - y)$ is: $a(x - y) - b(x - y)$ کی تجزی ہے:

(a)	$(a + b)(x + y)$	(b)	$(a - b)(x - y)$	(c)	$(a - b)(x + y)$	(d)	$(a + b)(x - y)$
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(ii) What is the factorization of $x^2 + 5x - 2x - 10$?

$x^2 + 5x - 2x - 10$ کی تجزی کیا ہے؟

(a)	$(x - 2)(x + 5)$	(b)	$(x - 2)(x - 5)$	(c)	$(x + 2)(x + 5)$	(d)	$(x + 2)(x - 5)$
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(iii) The factorization of $3xy + 3 - 3x - 3y$ is: $3xy + 3 - 3x - 3y$ کی تجزی ہے:

(a)	$(3 + 3y)(1 - x)$	(b)	$(3 + 3y)(1 + x)$	(c)	$(3 - 3y)(1 + x)$	(d)	$(3 - 3y)(1 - x)$
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☆ Answer the following questions: درج ذیل سوالات کے جواب دیں۔

Q.2. Factorize $4x + 6y - 2 - 12xy$. (1x1=1)

$4x + 6y - 2 - 12xy$ کی تجزی کریں۔

Q.3. Factorize the following: (2x3=6) درج ذیل کی تجزی کریں:

(i) $2x^4 - 4x^2y + 2x^2 - 4y$

(ii) $3x^2 + 6y - 3xy^2 - 6x$

(iii) $y^2 - ay - by + ab$

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