

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

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

(i) The factorization of $6xy - 14yz$ is: $6xy - 14yz$ کی تجزی ہے:

(a)	$3y(x - 7z)$	(b)	$2x(3y - 7z)$	(c)	$2y(3x - 7z)$	(d)	$2y(3y - 7z)$
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(ii) What is the factorization of $30x^4 - 45x^2y$?

(a)	$15x^3(2x - 3y)$	(b)	$15x^2(x^2 - 3y)$
(c)	$15x^2(2x^2 - 9y)$	(d)	$15x^2(2x^2 - 3y)$

(iii) The factorization of $x^2y^2z^2 - xyz^2 + xyz$ is: $x^2y^2z^2 - xyz^2 + xyz$ کی تجزی ہے:

(a)	$xyz(xyz - z + 1)$	(b)	$xyz(x^2yz - z^2 + 1)$
(c)	$xyz(xyz + z + 1)$	(d)	$xyz(xyz - z + 1)$

☆ Answer the following questions: درج ذیل سوالات کے جواب دیں۔

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

(i) $x^2y^5 - x^4y^6 + x^2y^3$

(ii) $9p^2q^2 - 18pq + 27p^3q^4$

(iii) $4x^3 - 8x^2y^3 + 12x^2y$

Q.3. Factorize $6x^2y - 24yz$. (1x2=2) $6x^2y - 24yz$ کی تجزی کریں۔

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