

Time: 10 Minutes	Paper Math 7 (T-1)	Total Marks: 10
3rd Month, 3rd Week, 5th Day	Exercise 2.8 Complete	

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

(i) Factorization of  $x^2 + 9x + 18$  is:  $x^2 + 9x + 18$  کی تجزی ہے:

(a) $(x - 3)(x + 6)$	(b) $(x - 3)(x - 6)$	(c) $(x + 3)(x + 6)$	(d) $(x + 3)(x - 6)$
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(ii) What is the factorization of  $x^2 - 10x + 24$ ?  $x^2 - 10x + 24$  کی تجزی کیا ہے؟

(a) $(x + 4)(x - 6)$	(b) $(x - 4)(x - 6)$	(c) $(x + 4)(x + 6)$	(d) $(x - 4)(x + 6)$
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(iii) The factorization of  $2\ell^2 - 3\ell - 5$  is:  $2\ell^2 - 3\ell - 5$  کی تجزی ہے:

(a) $(\ell - 1)(2\ell + 5)$	(b) $(\ell - 1)(\ell + 5)$	(c) $(\ell + 1)(2\ell + 5)$	(d) $(\ell + 1)(2\ell - 5)$
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☆ Answer the following questions: درج ذیل سوالات کے جواب دیں۔

Q.2. Factorize  $x^2 + 2x - 8$ : (1x1=1)  $x^2 + 2x - 8$  کی تجزی کریں۔

Q.3. Factorize the following by using middle term breaking. (2x3=6) درج ذیل کی درمیانی رقم توڑ کر تجزی کریں۔

- (i)  $14m^2 - 37m + 5$  (ii)  $4x^2 + 8m + 3$  (iii)  $y^2 + 3y - 10$

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