

Time: 35 Minutes	Paper Math 7 (T-1)	Total Marks: 25
3rd Month, 2nd Week, 6th Day	Revision Test (2nd Week)	

Q.1. Choose the correct options. (1 x 5 = 5) درست جواب کا انتخاب کریں۔

(i) By dividing $5x^4y^2$ by $5x^3y$ we get: $5x^4y^2$ کو $5x^3y$ پر تقسیم کرنے سے حاصل ہوتا ہے:

(a) $\frac{1}{2}x^1y$	(b) $4x^2y^2$	(c) xy	(d) $6xy$
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(ii) $5\ell^5m^9 \div 3\ell^2m^2 = ?$

(a) $5\ell^3m^{11}$	(b) $5\ell^3m^7$	(c) $5\ell^4m^7$	(d) $5\ell^2x^9$
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(iii) What is the product of $2x^4y^2$ and $4x^3y^5$?

(a) $8x^2y^3$	(b) $8x^4y^7$	(c) $8x^7y^7$	(d) $8x^5y^7$
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(iv) The product of $7x^3$ and $2x^5y^6$ is:

(a) $14x^3y^6$	(b) $14x^8y^6$	(c) $17x^8y$	(d) $14x^6y^6$
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(v) What is the product of $2\ell^2m^2$ and $7\ell^3m^6$?

(a) $14\ell^5m^8$	(b) $14\ell^5m^5$	(c) $15\ell^8m^5$	(d) $15\ell^6m^4$
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☆ Answer the following questions: درج ذیل سوالات کے جواب دیں۔

Q.2. Simplify; (2x5=10) مختصر کریں۔

(i) $\frac{2}{3}x^2 + \frac{2}{3}(x-2)(x+2)n^2$ (ii) $6x^2 - 3(x+4) + 4(x^2+2)$

(iii) $2x^2(x-y) - 3y(x+y)$ (iv) $4x^2 + 10(x+2) - 5(x-2)$

(iv) $(4m+3)(m^2-4m+4) - (2m-3)(2m^2+3m-4)$

Q.3. Simplify: (1x5=5) مختصر کریں۔

$$8m - \left\{ 2n + 6 - (4m - \overline{2n-4}) + 2m^2 - (2m^2 - 2n) \right\}$$

Q.4. Subtract the first polynomial from the second polynomial. (2.5x2=5)

پہلی کثیررتبی کو دوسری کثیررتبی سے تفریق کریں۔

(i) $3x^2+4x+2$, $8x^3+12x^2+9x+10$

(ii) $x^3+2x^2y+3xy^2+y^3$, $4x^3+3x^2y+6xy^2+4y^3$

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