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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

ALGEBRAIC EXPRESSIONS AND IDENTITIES

SESSION -2024-25

CLASS - 8th

JOIN TODAY FOR ADVANCE CONCEPTS

ONLY IN ₹1000 PER MONTH

MRP: ₹ 100/- ONLY

ALSO, BASIC CONCEPTS CLASSES IN SUMMER VACATION Apr, May & Jun (Every Year)

Add: Block -B, Near Glory Villa, 60 feet Road (Nearest land mark Scindia Statue), Shatabdipuram, Gwalior

Time: 1 hr Algebraic Expressions and Identities mm:

Q. 1. Add the following:

$2p^2q^2 - 3pq + 4$, $5 + 7pq - 3p^2q^2$

Q. 2. Subtract:

$4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3$

Q. 3. Find the product:

(a) $(20x^2, 5y^2)$ (b) $(3mn, 4np)$

Q. 4. obtain the product of

(a) $a, 2b, 3c, 6abc$ (b) $m, -mn, mnp$

Q. 5. multiply:

(a) $(a+b) \cdot 7a^2b^2$ (b) $(a^2 - 9), 4a$

Q. 6. Add $P(P-Q)$, $Q(Q-R)$ and $R(R-P)$

Q.7. Multiply the binomials :

(i) $(2.5l - 0.5m)$ and $(2.5l + 0.5m)$

(ii) $(a+3b)$ and $(x+5)$

Q.8. Find the product

(i) $(5-2x)(3+x)$ (ii) $(x+7y)(7x-y)$

Q.9. Find the product.

(i) $(a^2+b)(a+b^2)$ (ii) $(p^2-q^2)(2p+q)$

Q.10. Simplify :

(i) $(x^2-5)(x+5)+25$

(ii) $(a+b+c)(a+b-c)$

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