

By. Er. Dharmendra Sir

7974073108, 9584873492

# DPM CLASSES

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

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**TEST - PAPER (CBSE/NCERT)**

**बीजीय व्यंजक और सर्वसमिकाएँ**

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Time : 1 hr

बीजीय व्यंजक एवं सर्वसमिकाएँ

mm!

Q.1. एक आयत की लम्बाई  $7x$  तथा चौड़ाई  $(2x+1)$  है, आयत का क्षेत्रफल ज्ञात कीजिए।

Q.2. एक घनाकार वस्तु का आयतन ज्ञात कीजिए जिसकी लम्बाई, चौड़ाई और उंचाई क्रमशः  $5a$ ,  $3a^2$ ,  $7a^4$  है।

Q.3. निम्नलिखित का योग ज्ञात कीजिए —  
 $2p^2q^2 - 3pq + 4$ ,  $5 + 7pq - 3p^2q^2$

Q.4.  $(5-2x)$  और  $(3+x)$  का गुणनफल ज्ञात कीजिए।

Q.5.  $4y(5y-6)+4$  को सरल कीजिए तथा  $y=4$  के लिए इसका मान ज्ञात कीजिए।

Q.6. जोड़िए —

$$4y(3y^2+5y-7) \text{ एवं } 2(y^3-4y^2+5)$$

Q.7. सरल कीजिए —

$$(1.5x-4y)(1.5x+4y+3) - 4.5x + 12y$$

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Q.8. सरल कीजिए -

$$(xy - yz)(xy + yz) + (yz + zx)(yz - zx) + (zx + xy)$$

Q.9.  $4c(-a+b+c)$  में से  $3a(a+b+c) - 2b(a-b+c)$  को बटाइए ।

Q.10.  $2p^2(p+q)$  में से  $3p^2(p-q)$  को बटाइए ।

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