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

### **POLYNOMIALS**

**SESSION -2024-25** 

CLASS - 9th

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

Time: 1hr -: Polynomials:

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B. I. Using Switable identify evaluate The following: 101×102

Q. 2 Factorise the following! 9x-12x+3

Q.3. If a+b+c=9 and ab+bc+c9=26, find

Q.4. Find (2x-y+3z) (4x2+y2+9z2+2xy+3yz-6xz)

Q.5. Factorise: 93-863-64c3-24abc

Q.6. Find the value of: x3+y3-12xy+64, When x+y=-4

8.7. Without actually Calculating the cubes, find The value of: (0.2)3-(0.3)3+(0.1)3

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# DPM CLASSES

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

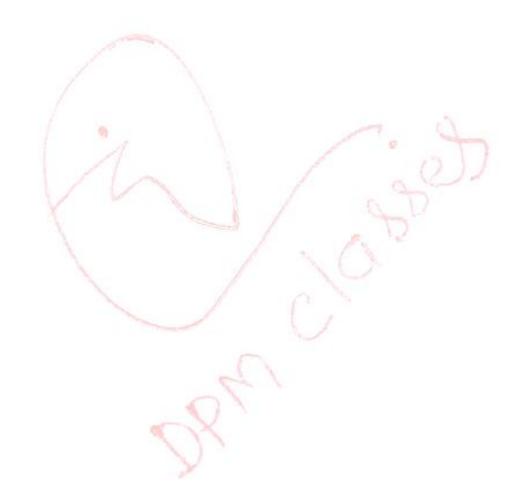
3.8. If the polynomials az3+4z2+3z-4 and z3-4z+a leave the same remainder when divided by z-3, find the value of a.



Q.10. a+b+c=5 and ab+bc+ca=10, then prove. then  $a^3+b^3+c^3-3abc=-25$ .



# DPM CLASSES



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