







19. Simplify: (i) $4^{15} \div 4^{13}$ (ii) $2^1 \times 2^3 \times 2^4$ **20.** Simplify 2 write in exponential form. (i) $\left[\left(\frac{3}{4} \right)^{15} \div \left(\frac{3}{4} \right)^{12} \right] \times (16)^3$ (ii) $\frac{2^3 \times 5^3 \times 6^3}{4^3 \times 7^3}$ **21.** Simplify: $(5^0 + 4^0) \times (2^0 - 3^0)$ **22.** Find value of *x* if $3^{5x} \times 3^5 = 3^{15}$ **23.** Simplify: $\left[\left(\frac{2}{3} \right)^6 \times \left(\frac{2}{3} \right)^4 \right] \div \left(\frac{2}{3} \right)^{10}$ 24. Write 9500387 in expanded form. **25.** Write 40588600 in standard form. **Activity:** Draw the net patterns of Cube, Cuboid, Cylinder, Cone and Pyramid in Maths Notebook & also colour them. 7 Marks Note: Maths Assignment – 3 Marks **Activity** 10 Marks PT-4 Syllabus – Chapter-12 & Chapter-13 Full **Term-II Examination**







