HANDOUT MODULE 2/3

CLASSS 8. MATHEMATICS

EXPONENTS AND POWERS

1Law of exponents ,for " a" is non zero integers ,m,n are whole numbers

$$a^m x a^n = a^{m+n}$$

$$a^m \div a^n = a^{m-n}$$

$$(a^{n})^{m} = a^{nxm}$$

$$a^m x b^m = (axb)^m$$

$$a^m \div b^m = (a/b)^m$$

- 2. Validation of laws of exponests for negative powers
- 3, Laws of exponents

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- 4. Solving problems by apply laws of exponents for negative powers
- 5) Solving problems of mixed powers