

$$(iv) -8a - 3a + 11a + 13a - 6a$$

$$= 17a + 25a$$

$$= 8a$$

$$(v) 19abc - 11abc - 12abc + 14abc$$

$$= 33abc - 23abc$$

$$= 10abc$$

6- Subtract the first term from the second.

$$(i) 4ab, 6ba$$

$$= 2ab$$

$$(ii) 48b, 68b$$

$$= 2b$$

$$(iii) 3.5abc, 10.5abc$$

$$= 7abc$$

$$(iv) \frac{1}{2}mn, \frac{8}{3}nm$$

$$= 5mn$$

Simplify :-

$$(i) 2a^{2b^2} + 5ab^2 + 8a^{2b^2} - 3ab^2$$

$$\text{Ans } 6a^{2b^2} + 2ab^2$$

$$(ii) 4a + 2a - 2a - b$$

$$\text{Ans } 2a + 2b$$

$$(iii) 2xyz + 4yz + 5xy + 3yz - 6xy$$

$$\text{Ans } xyz + 7yz$$

$$(iv) ab + 15ab - 11ab - 2ab$$

$$16ab - 13ab$$

$$= 3ab$$

$$(v) 4a^2 - 3b^2 + 2a^2 + 5b^2 - 4a^2$$

$$= a^2 + 2b^2$$

$$(vi) 8abc + 2ab + 4abc + ab$$

$$= 11abc + 3ab$$

$$(vii) 9xyz + 15xyz - 10xyz - 2zxy$$

$$9xyz + 5xyz - 8zxy$$

$$(v) 13pqr + 2p + 4q - 6pqr + 5pqr$$
$$= 12pqr + 6q$$

$$(vi) 9ab + 0 - 2b$$
$$= 9ab - 2b$$

$$(x) 6xy - 2xy^2 + 5x^2y - xy^2$$
$$1x^2y - 1xy^2$$