

Class X - Sanskrit

सन्धिः

# CBSE NOTES

## सन्धिः – Formula & Equation Sheet

*Essential formulas and equations from Abhyaswaan Bhav - II, tailored for Class X in Sanskrit.*



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## Key Formulae

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### 1. दीर्घ सन्धि: अ + अ = आ

When two short 'अ' vowels come together, they combine to form a long 'आ'. Example: नर + इन्द्र = नरेन्द्र.

### 2. गुण सन्धि: अ/आ + इ/ई = ए

The combination of 'अ' or 'आ' with 'इ' or 'ई' results in 'ए'. Example: देव + इन्द्र = देवेन्द्र.

### 3. वृद्धि सन्धि: अ/आ + ए/ऐ = ऐ

The combination of 'अ' or 'आ' with 'ए' or 'ऐ' results in 'ऐ'. Example: एक + एक = एकैक.

### 4. यण सन्धि: इ/ई + अ/आ = य

The combination of 'इ' or 'ई' with 'अ' or 'आ' results in 'य'. Example: इति + आदि = इत्यादि.

### 5. अयादि सन्धि: ए/ऐ/ओ/औ + अ/आ = अय्/आय्/अव्/आव्

The combination of 'ए', 'ऐ', 'ओ', or 'औ' with 'अ' or 'आ' results in 'अय्', 'आय्', 'अव्', or 'आव्'. Example: ने + अन = नयन.

### 6. पूर्वरूप सन्धि: ए/ओ + अ = पूर्वरूप

The combination of 'ए' or 'ओ' with 'अ' results in the preceding vowel. Example: गङ्गा + अम्ब = गङ्गाम्ब.

### 7. व्यंजन सन्धि: त् + स = च्

The combination of 'त्' with 'स' results in 'च्'. Example: उत् + सव = उच्चव.

### 8. विसर्ग सन्धि: : + श/ष/स = श/ष/स

The combination of 'विसर्ग' with 'श', 'ष', or 'स' results in the same consonant. Example: तपः + शक्ति = तपश्शक्ति.

### 9. अनुनासिक सन्धि: म् + consonant = अनुनासिक

The combination of 'म्' with a consonant results in an अनुनासिक sound. Example: तम् + न = तन्.

### 10. त्वागम सन्धि: अ/आ + छ = च्छ

The combination of 'अ' or 'आ' with 'छ' results in 'च्छ'. Example: सत् + छात्र = सच्छात्र.

## Important Equations

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### 1. नर + इन्द्र = नरेन्द्र

Example of दीर्घ सन्धि where two short 'अ' vowels combine to form a long 'आ'.

### 2. देव + इन्द्र = देवेन्द्र

Example of गुण सन्धि where 'अ' combines with 'इ' to form 'ए'.

### 3. एक + एक = एकैक

Example of वृद्धि सन्धि where 'अ' combines with 'ए' to form 'ऐ'.

### 4. इति + आदि = इत्यादि

Example of यण सन्धि where 'इ' combines with 'आ' to form 'य'.

### 5. ने + अन = नयन

Example of अयादि सन्धि where 'ए' combines with 'अ' to form 'अय्'.

### 6. गङ्गा + अम्ब = गङ्गाम्ब

Example of पूर्वरूप सन्धि where 'ए' combines with 'अ' to retain the preceding vowel.

### 7. उत् + सव = उच्चव

Example of व्यंजन सन्धि where 'त्' combines with 'स' to form 'च्'.

### 8. तपः + शक्ति = तपश्शक्ति

Example of विसर्ग सन्धि where 'विसर्ग' combines with 'श' to retain 'श'.

### 9. तम् + न = तन्

Example of अनुनासिक सन्धि where 'म्' combines with a consonant to form an अनुनासिक sound.

### 10. सत् + छात्र = सच्छात्र

Example of त्वागम सन्धि where 'अ' combines with 'छ' to form 'च्छ'.

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