

## SIMILARITIES AND DIFFERENCES OF ROOT AND STEM IN ENGLISH AND UZBEK LANGUAGES

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**Annotation:** This article provides a comparative analysis of the linguistic concepts of root and stem in English and Uzbek languages. It examines similarities and differences in their definitions, functions, affixation patterns, derivational processes, and inflectional complexity. Through examples and explanations, it illustrates how these languages treat roots and stems, highlighting agglutinative and fusional tendencies, inflectional variations, and lexical influences. The article contributes to a deeper understanding of language structure and diversity, offering insights into the ways words are formed and transformed in different linguistic contexts.

**Annotatsiya:** Ushbu maqolada ingliz va o‘zbek tillaridagi ildiz va o‘zak lingvistik tushunchalarining qiyosiy tahlili berilgan. Ularning ta’riflari, vazifalari, affiksatsiya qoliplari, hosilalanish jarayonlari va fleksiyon murakkabligidagi o‘xshashlik va farqlarni o‘rganadi. Misollar va tushuntirishlar orqali u bu tillarning ildiz va o‘zaklarga qanday munosabatda bo‘lishini ko‘rsatadi, aglutinativ va fuzsional tendentsiyalarni, flektiv o‘zgarishlarni va leksik ta’sirlarni ta’kidlaydi. Maqola til tuzilishi va xilma-xilligini chuqurroq tushunishga yordam beradi, so‘zlarning turli lingvistik kontekstlarda shakllanishi va o‘zgarishi haqida tushuncha beradi.

**Key words:** root, stem, comparative analysis, English language, Uzbek language, affixation, derivational processes, inflectional complexity, agglutination, fusional, lexical borrowing, linguistic diversity, language structure.

**Kalit so‘zlar:** ildiz, o‘zak, qiyosiy tahlil, ingliz tili, o‘zbek tili, affiksatsiya, hosila jarayonlari, flektiv murakkablik, aglyutinatsiya, fusional, leksik o‘zlashtirish, til xilma-xilligi, til tuzilishi.

### INTRODUCTION

Roots and stems are fundamental components of language structure, serving as building blocks for words. While English and Uzbek are distinct languages with their own unique characteristics, similarities and differences can be found in the concept of root and stem within their linguistic frameworks.

**Definition and Function:** In both languages, the root is the core lexical unit carrying the primary meaning of a word. It’s the irreducible element upon which affixes are added to form different words. Stems, on the other hand, are more flexible

units that include the root along with affixes, serving as the base form from which various inflections and derivations are made [1. p 45-67]

Similarities: Root Integrity: Both English and Uzbek prioritize maintaining the integrity of the root, often preserving it unchanged despite affixation. For example, in English, “play” remains the root in variations like “playing” or “played,” while in Uzbek, “o’qi” (read) remains intact in forms like “o’qish” (reading) or “o’qituvchi” (teacher).

Affixation Patterns: Both languages utilize prefixes and suffixes to modify the meaning or function of a word. English may add prefixes like “un-“ or suffixes like “-ing,” while Uzbek uses prefixes like “ko’p-“ or suffixes like “-chi” to achieve similar effects [2. p 89-105]

Derivational Processes: Both languages employ derivational processes to create new words from existing ones. English might derive “happiness” from “happy,” while Uzbek forms “o’qituvchi” (teacher) from “o’qi-“ (read) through affixation.

Differences: Agglutination vs. Fusion: Uzbek is an agglutinative language, where affixes are added to the root in a relatively straightforward manner, often without altering the root itself drastically. English, however, is more fusional, with affixes sometimes causing changes to the root or stem, such as vowel changes in irregular verbs (“sing” to “sang”) [3. p 165-166]

Inflectional Complexity: English exhibits a high degree of inflectional complexity, especially in its verb conjugations and noun declensions, with multiple forms to indicate tense, aspect, mood, number, and case. Uzbek, while still inflecting for these categories, tends to have fewer inflectional variations and relies more on word order and context [4. p 33-50]

Lexical Borrowing and Influence: Due to historical and cultural factors, English has borrowed extensively from other languages, resulting in a diverse lexicon with words of Latin, Greek, French, and Germanic origin, among others. Uzbek, while influenced by Persian, Arabic, Russian, and Turkic languages, retains a more distinct core vocabulary reflective of its Central Asian heritage.

Examples:

English:

Root: “play”

Stem: “playing”

Derived Word: “playful”

Uzbek:

Root: “o’q” (read)

Stem: “o’qish” (reading)

Derived Word: “o’qituvchi” (teacher) [5. p 1-5]

## CONCLUSION

In conclusion, the examination of root and stem structures in English and Uzbek languages reveals both commonalities and distinctions, shedding light on the intricacies of linguistic systems. While both languages share the fundamental concept of roots as the core lexical units and stems as their derivational bases, they diverge in their approaches to affixation, inflectional complexity, and lexical influences. English exhibits a more fusional nature, characterized by intricate inflectional patterns and extensive lexical borrowing, reflecting its historical and cultural evolution. In contrast, Uzbek demonstrates a predominantly agglutinative character, with straightforward affixation and a vocabulary shaped by Turkish and Persian influences. Understanding these linguistic nuances enriches our appreciation of language diversity and underscores the dynamic interplay between language structure, cultural heritage, and historical context. By exploring the root and stem within the frameworks of English and Uzbek, we gain deeper insights into the mechanisms of word formation and the rich tapestry of human communication.

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