Benazir Research Journal of Humanities and Social Sciences ISSN: 2790-7228 (Online) | 2790-721X (Print)

Vol. 3 Issue I

www.brjhss.com

87

FUNCTIONS OF URDU SUFFIX IN ENGLISH NOUN

Farhana Yasmeen Qadri<sup>1</sup>, Sheikh Muhammad Salman Anees<sup>2</sup>

1. Assistant Professor, Benazir Bhutto Shaheed University, Lyari, Karachi farhana.yasmee@bbsul.edu.pk

2. Senior Lecturer, National University of Modern Languages, Karachi

**ABSTRACT** 

This study investigates the compounding of Urdu suffixation with English roots in plural noun

formation. The formation of compounding is based on joining two or more constituents from

different languages. Urdu is the language of 9.8 million people throughout the world (Jadoon,

2022) and a flexible language to adopt words from different languages. The phenomenon of

compound formation in Urdu is not new, it already has adopted different suffixes from Persian and

Arabic. English root words with Urdu suffixation are an existent fact that is being observed

regularly. This study investigates the phenomenon at the morphological level. For this purpose,

Generative morphology theory was adopted and Aronoff's 1976 model was applied. This research

is descriptive and qualitative in nature and in terms of investigation at the morpheme level. A list

of thirty words comprised of English roots with Urdu suffixes in six semantical categories of

clothing, office items, households, professional titles transportation, and places. Further, a four-

step model of data analysis was adopted. The result revealed that two major Urdu suffixes - بين (-

even) -- (-oon) (-were used commonly with English in the compound words formation process.

**Keywords:** Morphology, Compounding, Suffix, Inflection, and Urdu.

#### **INTRODUCTION**

The average speaker uses a new word without thinking about how it was created, Adams (1973). Words can be extended and modified in a variety of ways – sometimes by adding morpheme and sometimes by making an internal change. Word is independent, and it can be divided into smaller elements. On the other hand, morpheme is independent and further indivisible. Bauer (1983, p. 14) defines a morph as the smallest unit of grammatical consideration, and they are further divided into two completely distinct groups: bound and free morphemes. According to Benczes, R. (2006) an isolated morph is called free morpheme. Whereas, a morph that occurs in the word formation process together not less than one other morph is considered as bound morpheme. In addition to this, Fabb, and Nigel (1998) stated that bound morphs that do not grasp unanalyzable lexemes are affixes. Affixes are further divided into suffixes, which are linked after a base, prefixes, which are attached before a base, and infixes which are connected inside a base.

Moreover, suffixation is inserting a suffix after the base, more frequently with, a change of a word class and sometimes with no change" Olsen and Susan (2000). He further claims that suffixes do not have a major semantic role, their fundamental and primary function is to modify the grammatical aspects and functions of the base. Although they are often associated with a word class, it is more suitable to categorize them according to the word class that results when added to the base word, as suggested by MAVM (morphological attribution value matrix). Hence, we speak and talk about verb suffixes, noun suffixes, etc. To understand the suffixation in Urdu consider the following sets of Urdu words, where the suffix (na:) derives gerundive nouns from verb stems. The suffixes (a:r, ə, i) are also used to derive abstract nouns from verb stems. For Instance: (xdri:d) to (Xdri:da:r), (kha:) to (kha:na), (dhərdk) to (dhərkan), and (khel) to (khila:ri:), etc.

However, compounding is the process of combining two distinct words or elements to create a single form (Yule, 2019). A universally accepted definition of compounds does not exist (Kavka & Stekauer, 2006). He further describes compounding as a combination of two or more words and lexical elements "which has a different meaning from that of simple words in a free syntactic combination". It is the most common and important word-building process in language, the combination of two or more existing words or adding affixation of any other language to create a new word. Furthermore, it is one of the generative word-formation processes and is based on combining lexical elements such as words or stems (Hacken, 2017). The Dictionary of Lexicography (1998) defines a compound word as "a word formed by joining two or more simple words" (p. 26). The effects of compounding can be seen in countless English and Urdu words. For example, street light, and Biryani master. Biryani master is an example of a hybrid Urdu compound noun.

According to Professor Fatihi (2013) etymologically, a compound is a term in morphology that has one element from one and another element derived from another language. In addition to this, Mohsin Khan (2013) further explained that the most prevalent form of words in Urdu is the amalgamation of integrated elements and morphological constraints from English and Urdu etymologically. Since some affixations, suffixes, and prefixes in Urdu are of Arabic and Persian origin, it is a straightforward approach to add affixations from another language to Urdu or compound other language words with Urdu, to create a word. In addition to this, in the Urdu language usually occurs when a root/bund morpheme in English is compounded with a root morpheme in Urdu. For example: /bəˈkri: jɑ̃://bəˈkri: jõ:/ (Bakeries), and /biki jɑːn/ (Bikes), etc.

According to Roy, et al (2020) semantically, compound words can be of four types exocentric

(compound words which consist of a head, and there exists a head modifier relationship i.e. "small talk", in English, and "sabzi market" in Urdu. Secondly, exocentric compounds (they are semantically headless compounds i.e. "scarecrow" in English and, "kali-zaban" in Urdu. None of the components of the exocentric compound "mention the referent directly" (Clark, 1986). Thirdly, copulative compounds are words that consist of two semantic heads i.e. "ladies and gentleman" in English, and "khawateen-o-hazraat" in Urdu. Copulative compounds are also called coordinative compounds because words in these types of compounds are in a coordinated relationship. Finally, appositional compounds are when the elements of a compound are in opposition to each other. For example "bitter-sweet" in English and "khamoosh cheekhein" in Urdu, etc. (Kavka & Stanislav, 2009).

In addition to this, Bauer (2010) explained the usual way of classifying compounds is by the function they play in the sentence. This syntactic division is made according to the word class of the compound as a whole and the word classes of the individual constituents of the compound (Bauer, 2010, p. 31). Further, it can be distinguished using the syntactic criterion, compound nouns, adjectives, verbs, etc. (Bauer, 2010, p. 201). However, the spelling of compounds varies. There are three possible ways to write a compound. It can be solid, i.e. written as one word, e.g. sunflower. Often compounds are spelled with a hyphen placed between the constituents, e.g. brown-eyed. Many compounds are also spelled as separate words, e.g. human being, ice cream. Some compounds may even be spelled in two or even all three ways, as mentioned above, e.g. flowerpot, flower-pot, and flower-pot.

#### THEORETICAL FRAMEWORK

The theoretical framework of this study is derived by Generative morphology. This theory has two models. The current study follows Aronoff's model (1976).

All word formation process is based on words. A new word is created by applying a regular rule to an already-existing word. Both the new words and existing words are the new members of the major lexicon category. (Aronoff, 1977, Pg 122)

#### LITERATURE REVIEW

A large number of works have been done on the compounding word-formation process and compound words. Many scholars have worked on compound words (Fabb,1998), (Katamba,1993), (Olsen,2000), (Plag,2018). Researchers have worked on compound nouns (Bauer, 2001), the compositionality of compound nouns (Reddy et al., 2011), Creative Compounding in English (Benczes, 2006), and the semantic relations between two nouns in a compound noun (Gong et al.). Scholars (Gagne et al., 1997) have studied the influence of thematic relations on the comprehension of Modifier-Noun Combinations. Research scholars have also worked on the extent to which compound nouns in the English language are challenging for learners of English as a second language and identified some causes of this comprehension difficulty (Charteris-Black, 1998). Furthermore, some research scholars have also investigated the creation and use of English compound nouns (Downing, 1997). Moreover, (Reddy, 2011) worked on "An empirical study on compositionality in compound nouns", where he studied the relationship between the parts of compound nouns and the compositionality of the compound noun.

Bilal et al (2012) researched Pakistani English, and they explained that several loan words from Urdu and other dialects of different provinces in Pakistan have been recorded in Pakistani English. In addition to this, in the word formation processes, affixation also played an important role in improving the lexical resource of Pakistani English. Furthermore, Reima Al-Jarf's (2012) research on lexical hybridization in the Arabic language, in this research explained that Urdu lexical resources and affixes from Arabic and Persian were loaned out from (Khan and Alward (2011).

For example, the word formation process with borrowed affixes, as in the case of the suffix-i/ i:/ of Arabic added to country names that refer to a variety of nationalities and languages for a citizen of Pakistan, as Pakistan(i), Punjab as Punjab(i) etc.

Moreover, Tallat (2003) highlighted the significance of loan words in Pakistani English, when they are used by speaker of the local language they contain their Urdu meaning. However, in (1994) two different hypotheses subjected to lexical borrowing purposed by Kachru, he explained that Englishes in South Asia use compounding which puts on display "productiveness and creativity." In this process of compounding, one word from English is combined with another word from the local language, and sometimes this merger takes place at a syllable level for example Rickshaw driver, Lathi charge, etc (Kachru, 1983).

### **METHODOLOGY**

The study is Qualitative in nature. That was conducted to find out the compounding noun formation of English roots/stems with Urdu suffixation. A descriptive method for analysis was applied. The data of this study is based on regular observation of both researchers that was confirmed later by different university colleagues and a former professor of Urdu. At the first stage, a random list of thirty words was developed.

### **List of thirty compound Nouns**

| No | <b>Compound words</b> | Urdu            | Urdu IPA                     | English  |
|----|-----------------------|-----------------|------------------------------|----------|
| 1  | Agenday               | ایجنڈے          | /əˈdʒɛndə/                   | Agendas  |
| 2  | Baekrien/Bakreian     | بيكريوں/بيكرياں | /bəˈkri: jã://bəˈkri: joʊ̃:/ | Bakeries |
| 3  | Bikiyaan              | بائكوں/بايكىيں  | /bɪki_jɑːn/                  | Bikes    |
| 4  | Brushean              | برشیں           | /bərˈʃei̯/                   | Brushes  |
| 5  | Buttonean             | بٹنیں           | /bʌt̪ːniːjaːn/               | Buttons  |
| 6  | Chairean/ Chairean    | چیریں / چیروں   | /ˈʧeɪ̯ɾoʊ̃ː/ ˈʧeɪ̯ɾaːn/      | Chairs   |

| 7  | Classain/classon   | کلاسیں /کلاسوں      | /kəˈlɑːsuː̃/ /kəˈlɑːsjɑːn/ | Classes    |
|----|--------------------|---------------------|----------------------------|------------|
| 8  | Creamean           | کریمیں              | ~                          | Creams     |
| 9  | Doctroan           | ڈاکٹرو <u>ں</u>     | /ˈdɒktər oʊ̃ /             | Doctors    |
| 10 | Filean             | فائلين              | /faɪlɛ̃ː/ /faɪloʊ̃/        | Files      |
| 11 | Filmain            | فلمين               | /fɪlmej̃:/ fɪlm oʊ̃/       | Films      |
| 12 | Framean            | فريمي <u>ں</u>      | /freimi::/                 | Frames     |
| 13 | Hoteloan           | ہو ٹلوں             | /hoteloun/                 | Hotels     |
| 14 | jekṭiyaan          | جيكيشي              | /dʒækɪˈtiːən/              | Jackets    |
| 15 | Karen              | کاریں               | /ka:rej̃:/ /ka:r oṽ /      | Cars       |
| 16 | lai <u>t</u> iyaan | لائشيں              | /larti,æn/ /larti, oữ /    | Lights     |
| 17 | Marketean          | مار کیٹیں           | /ˈmɑːrkɪtɛ̃ː/              | Markets    |
| 18 | Mechanicon         | مکینیکوں            | /məˈkiːnoʊn/               | Mechanics  |
| 19 | Mashinain          | مشينين              | /məˈʃiːnaɪ/                | Machines   |
| 20 | Motorean           | موٹریں              | /moʊˈtərej̃ː/              | Motors     |
| 21 | Nurso              | نرسول               | /ˈnɜrsən/.                 | Nurses     |
| 22 | Paintean           | پینٹیں              | /pentiyaan//peinteiən /    | Paints     |
| 23 | Plumbroan          | پلمبرول             | /'pɛlʌmbroʊn/              | Plumbers   |
| 24 | Picturean          | پکچریں              | /pɪkʧəreĭː/                | Pictures   |
| 25 | Professroan        | يروفيسر ول          | /prəˈfɛsroun/              | Professors |
| 26 | Saiklayn           | سائيكليں            | /saɪklɛn/                  | Cycles     |
| 27 | Shirṭiyaan         | شر طیں              | /ʃɜːrtiˌjɑːn/              | Shirts     |
| 28 | Tablean            | <sup>م</sup> يىبلىي | /teɪbl̞.ɛ̃:/               | Tables     |
| 29 | Teacheroan         | ٹیچیر ول            | /titʃroʊn/                 | Teachers   |
| 30 | Truckon            | ٹر کوں              | /truks/                    | Trucks     |

This list of Compound nouns is further divided as per semantic classification for morphological analysis, to find the specific patterns of compound nouns in several household items, clothing, specific places, professional titles, vehicles and office items and associated terms, etc.

#### **DATA ANALYSIS**

Morphological analysis is used to analyze the structure and formation of words. In this process, words are broken down into their smallest units. That is called morphemes, and examining how these morphemes contribute to the meaning of the word. The Generative Morphological Analysis model proposed by Aronoff (1976) was applied to analyze the data.

Generative morphology is concerned with rules and processes that generate words. One generative theory is the Lexical Morphology theory, which involves multiple processes of analysis.

### That are follows:

- 1. A hierarchical structure to find out Lexeme/stem, Affexes at first stage
- 2. while the second stage based on morphological Rules as
  - i. Rule 1: Attach the prefix.
  - ii. Rule 2: Attach the suffix.

For this study, only rule two was found to be applicable in the formation process of plurals in Urdu.

- 3. Suffixation Process: Apply Rule: "Bike" + "een" = "Bikiyeen" (-een):
- 4. Interpretation:

Generative morphology explains how the word "Bikiyeen" is derived through a series of morphological rules applied to the stem/root Bike"

Table 1: Clothing.

| No | Compound<br>Form | English<br>Words | Urdu<br>Suffix | Suffixation process | Urdu<br>Inflectional/<br>Derivational | Gc<br>English | Morphologi<br>cal process |
|----|------------------|------------------|----------------|---------------------|---------------------------------------|---------------|---------------------------|
| 1  | Jekṭiyaan        | Jackets          | (-een) یں      | Jacket+ een         | Inflection                            | Noun          | Suffixation               |
| 2  | Paintean         | Paints           | (-een) یں      | Paint+ een          | Inflection                            | Noun          | Suffixation               |
| 3  | Shirṭiyaan       | Shirts           | (-een) یں      | Shirt+ een          | Inflection                            | Noun          | Suffixation               |

# **Explanation of Table# 1.1**

Jekţiyaan /d͡ʒɛkţi:ja:n/ جيگيٿي: A noun that has English root Jacket with Urdu inflection (-een) to make it plural. This word is derived from "jacket" in English. In Urdu, it refers to jackets or outerwear as Jektiyaan.

Paintean /peintein/ بينشي: This word is related to "paint" in English. In Urdu, it could refer to paints or Paintean. It is a compound noun that has the English root Paint with Urdu inflection بينا (-een) for pluralization.

Shirtiyaan /ʃirtiːjaːn/ شرثیں In this word "Shirtiyaan" is used as part of clothing. Also, a noun that is associated with "shirt" in English. In Urdu, it would refer to shirts, or Shirtiyaan for the formation English root Shirt, and Urdu inflection يو (-een) is typically used as part of clothing.

**Table 2: House Hold Items** 

| No | Compoun<br>d Form | English<br>Words | Urdu<br>Suffix | Suffixation process        | Urdu<br>Inflectional/<br>Derivational | Gc<br>English | Morphologi<br>cal process |
|----|-------------------|------------------|----------------|----------------------------|---------------------------------------|---------------|---------------------------|
| 4  | Brushean          | Brushes          | (-een) یں      | Brush + een<br>Brush + een | Inflection                            | Noun          | Suffixation               |
| 5  | Buttonean         | Buttons          | (-een) یں      | Buttons + een              | Inflection                            | Noun          | Suffixation               |
| 6  | Creamean          | Creams           | (-een) یں      | Cream + een                | Inflection                            | Noun          | Suffixation               |
| 7  | Filmain           | Films            | (-een) یں      | Flims + een                | Inflection                            | Noun          | Suffixation               |
| 8  | Framean           | Frames           | (-een) یں      | Frames + een               | Inflection                            | Noun          | Suffixation               |
| 9  | laitiyaen         | Lights           | (-een) یں      | Laitiyaen                  | Inflection                            | Noun          | Suffixation               |
| 10 | Mashinain         | Machines         | (-een) یں      | Machin+ een                | Inflection                            | Noun          | Suffixation               |
| 11 | Picturean         | Pictures         | (-een) یں      | Picture+ een               | Inflection                            | Noun          | Suffixation               |

# **Explanation of Table #2**

Brushean /brafem/ אָנישׁיִיט: This term refers to "brushes" in Urdu, in the context of painting or makeup. The formation of this word is based on the English root Brush and the Urdu suffix פּני (-een).

Buttonean /bʌt̪niːn/ יְיבֹּינֵים: This word means "buttons" in Urdu, typically used in the context of clothing or accessories. The morphological process of this compound noun is based on English Button with Urdu בי (-een).

Creamean /kreimi:n/ کیمین: This term is related to "cream" in English and refers to creams or lotions in Urdu. It also has a similar morphological process of pluralization, English root Cream with Urdu یی (-een).

Filmain /filmem/ فأمين: This word means "films" in Urdu, commonly used to refer to movies or cinema. To form Plural of this compound word English Head Film and Urdu Suffix ين (-een) is used.

Framean /freimi:n/ فريمين: This word "frames" in Urdu, is often used in the context of pictures or photographs. While following a similar pattern of English Head and Urdu Suffix.

Laitiyaen /lerti: ه: This word means "light/ bulb" in Urdu to generate electric light, used to describe sleeping or resting and is part of a fancy decoration item. The plural process of this word also has similar features.

Mashinain /məʃi:nem/ مثنینی: This term refers to "machines" in Urdu, used broadly to describe mechanical devices. Also falls in the category of plurals.

Picturean /piktfərein/ پکچرین: This word means "pictures" in Urdu, commonly used to refer to images or photographs. A combination of English Roots with Urdu suffixes.

Table 3: Office items

| No | Compound<br>Form      | English<br>Words | Urdu<br>Suffix | Suffixation process | Urdu<br>Inflectional/<br>Derivational | Gc<br>English | Morpholo<br>gical<br>process |
|----|-----------------------|------------------|----------------|---------------------|---------------------------------------|---------------|------------------------------|
| 12 | Agenday               | Agendas          | ے (-aa)        | Agenda+ aa          | Inflection                            | Noun          | Suffixation                  |
| 13 | Chairean/<br>Chairean | Chairs           | (-een) یں      | Chair+ + een        | Inflection                            | Noun          | Suffixation                  |
| 14 | Filean                | Files            | (-een) یں      | File ++ een         | Inflection                            | Noun          | Suffixation                  |

# **Explanation of Table 3**

Agenday /a: ˈgɛndeɪ/ الجينة : This word consists of the English root Agenda and Urdu Inflection (-aa). This term is usually used as discussion items of meetings in offices.

Chairoan/ Chairean / ˈtʃɛroon/ or / ˈtʃɛriən/ בענט/בְּעֵנֵט : A piece of furniture that has an Urdu word already exists in Urdu language but due to globalization that converted into a hybrid noun. The formation is also based on English Root chair and Urdu inflection ע (-een) and ע (-oon).

Filean / ˈfaɪliən/ فَاتَلُونُ : A folder that is used to keep papers in English called File or plural as files. It is used in the Urdu version as Filean English root and Urdu inflection ע (-een) to represent the concept of pluralization.

**Table 4: Professional titles** 

| No | Compound<br>Form | English<br>Words | Urdu<br>Suffix | Suffixation process | Urdu<br>Inflectional/<br>Derivational | Gc<br>English | Morpholo<br>gical<br>process |
|----|------------------|------------------|----------------|---------------------|---------------------------------------|---------------|------------------------------|
| 15 | Doctroan         | Doctors          | (oon) وں       | Doctor+oon          | Inflection                            | Noun          | Suffixation                  |
| 16 | Mechanicon       | Mechanics        | (oon) وں       | Machenic+o          | Inflection                            | Noun          | Suffixation                  |
|    |                  |                  |                | on                  |                                       |               |                              |
| 17 | Nurso            | Nurses           | (oon) وں       | Nurse+ een          | Inflection                            | Noun          | Suffixation                  |
| 18 | Plumberoan       | Plumbers         | (oon) وں       | Pelumbours          | Inflection                            | Noun          | Suffixation                  |
| 19 | Professroan      | Professors       | (oon) وں       | Professors          | Inflection                            | Noun          | Suffixation                  |
| 20 | Teacheroan       | Teachers         | (oon-)وں       | Teacher+ een        | Inflection                            | Noun          | Suffixation                  |

# **Explanation of Table #4**

Doctroan /ˈdɒktroʊn/ לוצלעפט: This term is a combination of the English root "Doctor" and an Urdu suffix פט (-oon) It is interpreted as plurals for doctors or the medical field.

Mechanicon /məˈʃiːnɪkɒn/ مكينيكون: This is a combination of the English "Mechanic" and an Urdu suffix وو (-oon). It is associated with a person who works on out-of-order machinery or mechanical devices.

Nurso / 'narsou/ نرسون: The term doesn't have a clear English equivalent. It is also an Urdu Version of the English word Nurse and for pluralization the English root Nurse is attached with the Urdu suffix و (oon).

Plumberoan / pelambroon/ יְלְאַנָּפֵט: This is an amalgamation of the English "Plumber" and an Urdu suffix (oon). It is related to plumbing or plumbing services.

Professoroon/prəˈfɛsroʊn/ پروفیسروں : This is a combination of the English "Professor" and the Urdu suffix ول (oon). It is associated with academic or teaching professions.

Teacheroan: /ˈtitʃroʊn/ ثيجرون Similar to "Professroan," this is also a combined word, English "Teacher" and an Urdu suffix ون (oon) related to the teaching profession.

Table 5: Specific Places.

| No | Compound<br>Form      | English<br>Words | Urdu<br>Suffix | Suffixation process          | Urdu<br>Inflectional/<br>Derivational | Gc<br>Englis<br>h | Morpholo<br>gical<br>process |
|----|-----------------------|------------------|----------------|------------------------------|---------------------------------------|-------------------|------------------------------|
| 21 | Baekrien<br>/Bakreion | Bakeries         | (-aan) اں      | Bakery + aan<br>Bakery + oon | Inflection                            | Noun              | Suffixation                  |
| 22 | Classain/<br>Classon  | Classes          | (-een) یں      | Class + een<br>Class+oon     | Inflection                            | Noun              | Suffixation                  |

| 23 | Marketeen/ | Markets | (-een) یں | Market + een/ | Inflection | Noun | Suffixation |
|----|------------|---------|-----------|---------------|------------|------|-------------|
|    | Marketoon  |         |           | Market+oon    |            |      |             |
|    |            |         |           |               |            |      |             |
|    |            |         |           |               |            |      |             |
| 24 | Hotelen/   | Hotel   | (een) یں  | Hotel+ een    | Inflection | Noun | Suffixation |
|    | Hoteloon   |         |           | Hotel+oon     |            |      |             |
|    |            |         |           |               |            |      |             |

### Explanation of Table 5.

Baekrien / Bakreion / beikriən / bakreion : بيكريون/ بيكريون : This term seems to be related to a bakery or baking."

Classain / Classon /klæˈseɪn/ /ˈklæsən/ كلاسون This term appears to be derived from "class" and may be related to a classic or traditional context. Similar to "Classain," this term seems to be associated with classes or educational settings.

ماركيٹيں / ماركيٹوں /maːrkɪˈtiːn//ˌmaːrkəˈtuːn/ ماركيٹيں / ماركيٹوں

This term could be related to a small market or market-related activities.

Hotelen / Hoteloon /hoʊˈtɛlɪn/ אָפֶילעט/: This term seems to be related to hotels or hotel-related activities.

**Table 6: Transportations.** 

| No | Compound<br>Form | English<br>Words | Urdu<br>Suffix | Suffixation process      | Urdu<br>Inflectional/<br>Derivational | Gc<br>English | Morphologi<br>cal process |
|----|------------------|------------------|----------------|--------------------------|---------------------------------------|---------------|---------------------------|
| 25 | Bikiyaan         | Bikes            | یں (-een):     | Bike + een<br>Bike + oon | Inflection                            | Noun          | Suffixation               |
| 26 | Busean           | Buses            | (-een) یں      | Bus + een                | Inflection                            | Noun          | Suffixation               |
| 27 | Karen            | Cars             | (-een)یں       | Cars + een               | Inflection                            | Noun          | Suffixation               |
| 28 | Motorean         | Motors           | een)یں-        | Motor+ een               | Inflection                            | Noun          | Suffixation               |
| 29 | Saiklayn         | Cycles           | een)یں-        | Cycle+ een               | Inflection                            | Noun          | Suffixation               |
| 30 | Trucken          | Trucks           | (-een)يں       | Truck+een                | Inflection                            | Noun          | Suffixation               |

# **Explanation of Table #6**

Bikiyaan /bɪˈkjaːn/ بايكين: The bike is an English word, but due to the usage as a compound the inflectional ين (-een) with English Word Bike combined here.

Busean /basi:n/ بسين: This term is associated with buses. While has a similar category formation rule applied here too.

Caren /ˈkɛrən/ צ': The term "Karen" is Cars in English. The combination of Kar and Urdu suffixes produced that plural noun.

Motorean /moo'tɔriːn/ موٹوریں: This term is related to motors or motor-related activities. The Morphological process of inflectional addition in root word is followed here to form a plural.

Cycleklayn /saiklein/ سائيكلين: This term is used for bicycles or cycling, as "saikil" in Urdu means bicycle but to for plural an Urdu suffix attached here.

Trucken /ˈtrʌkən/ ٹرکیں: This term is associated with trucks.

#### **FINDINGS & DISCUSSION**

This research studied how Urdu suffixes with English roots function in the creation of Compound nouns. A Generative Morphology framework based on four steps was applied. In the first step to finding out Lexeme/stem, Affixes of hierarchical structure different tables were formed on the base of semantic classification. The second step of the analysis was based on the morpheme level that was conducted for each word to find the application of suffixation rules in the word formation process. Further, at the last step, the interpretation of every word is discussed in detail.

The findings of these compound nouns show that usually English root words with Urdu suffixes -ن (-een) -ن (-een) ون (-oon) and -ن (-aan) are used to form an equal plural word of English. Only the word "Agenday" as "ن (-aa)." in the office items category and "ن (-aan)" in Baekrien were found to

be different in the formation process of this investigation. Among all six categories of semantic classification - ... (-een) was the most prominent Urdu suffix that was used in transportation, specific places, office items, household items, and clothing. In contrast, the suffix " ... (-oon)" was used in professional titles.

### **CONCLUSION**

Urdu is an exceptional language that has absorbed different languages easily. Urdu kept on including the lexical resources from English, Arabic, Persian Sanskrit, and Hindi. In Urdu, plurals are formed by adding specific suffixes to the singular form of a noun. It's important to note that pluralization in Urdu is influenced by gender and grammatical context. Additionally, some irregular plurals don't follow these patterns, and the pluralization of Arabic loanwords may follow different rules. This paper investigated only the inflectional changes of suffixes in Urdu with English as hybrid words. In Urdu, inflectional changes are often expressed through suffixes or changes in vowel patterns. The pluralization rules in Urdu are relatively consistent. Like many other languages, Urdu has a system of inflectional morphology that is more extensive than English language.

In future, different studies can be conducted on vice versa topic of Urdu roots with English suffixations and different types of compounding in similar contexts to fill the existing gap in research. Though the different researches were found during this study, conducted not following specifically the morphology perspectives.

### REFERENCES

Booij, G. (2019). Fifty years of morphological theory in the Netherlands. *Linguistics in the Netherlands*, 36(1), 8-12.

Bauer, L. (2010). Co-compounds in Germanic. *Journal of Germanic Linguistics*, 22(3), 201-219.

Bauer, L. (2008). Exocentric compounds. *Morphology*, 18, 51-74.

Benczes, R. (2006). Creative compounding in English. Creative Compounding in English, 1-223.

Bauer, L. (1998). When is a sequence of two nouns a compound in English? 1. *English Language* & *Linguistics*, 2(1), 65-86.

Clark, E. V., Frant Hecht, B., & Mulford, R. C. (1986). Coining complex compounds in English: Affixes and word order in acquisition.

Downing, P. (1977). On the creation and use of English compound nouns. *Language*, 810-842.

Fabb, N. (2017). Compounding. The handbook of morphology, 66-83.

Fareed, M., Bilal, M., & Saeed, N. (2016). Impact Of Global Variation On English Language In Pakistan: Perceptions Of Pakistani English Language Teachers. *Journal of Research in Social Sciences*, 4(2), 26.

Hamzai, J. (2019). An Investigation of Morphological Productivity of Nominal and Verbal Compounds in Legal Discourse. *SEEU Review*, *14*(2), 51-61.

Haspelmath, M. Understanding Morphology, London, Arnold. (2002).

Jadoon, N. K., & Ahmad, M. (2022). A Study of Lexical Features of Pakistani English. *Pakistan Journal of Social Research*, 4(04), 891-901.

Khan, M. (2013). Neologisms in Urdu A Linguistic Investigation of Urdu Media. *Language in India*, 13(6).

Kavka, S., Lieber, R., & Štekauer, P. (2009). The Oxford handbook of compounding.

Mohanlal, S., Sharada, B. A., Fatihi, A. R., Gusain, L., Bayer, J. M., Ravichandran, S. M., ... & Thirumalai, S. (2013). Compounding in Bodo.

Olsen, S. (2000). Compounding and stress in english: a closer look at he boundary between morphology and syntax. *Linguistische Berichte*, (181), 55-70.

Plag, I. (2018). Word-formation in English. Cambridge university press.

Reddy, S., McCarthy, D., & Manandhar, S. (2011, November). An empirical study on compositionality in compound nouns. In *Proceedings of 5th international joint conference on natural language processing* (pp. 210-218).

Roy, S., Sukhada, S., & Singh, A. K. (2020, December). Parsing Indian English News Headlines. In *Proceedings of the 17th International Conference on Natural Language Processing* (ICON) (pp. 239-242).

Senaratne, C. D. (2016). The hybrid compound noun A result of language change in Sri Lanka. *GSTF Journal on Education (JEd)*, 3(2).

Stanislav, K. (2009). Compounding and idiomatology.

Spencer, A., & Zwicky, A. M. (2001). The handbook of morphology.

Ten Hacken, P. (2017). Compounding in morphology. In Oxford research encyclopedia of linguistics.

Talaat, M. (2003). Pakistani English: A sociolinguistic variety. *Journal of Research (Faculty of Languages & Islamic Studies)*, 4.

Wettewe, C. D. S. (2013). The process of hybridization in Sinhala-English verb formation.