

جامعة الأنبار

الكلية/ الآداب

قسم او الفرع/ اللغة الانكليزية

المرحلة / الثانية

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اسم المادة باللغة العربية : الصوت

اسم المادة باللغة الإنكليزية : Phonetics

أسم المحاضرة الأولى باللغة العربية: الصوتيات والرموز (الجزء الثاني)

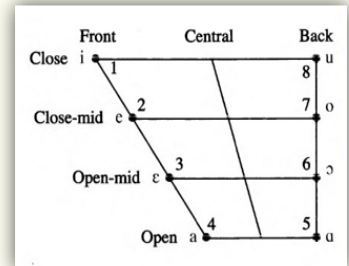
أسم المحاضرة الأولى باللغة الانكليزية: Phonemes and Symbols (Part 2)

محتوى المحاضرة التاسعة

➤ **Symbols and transcription**

- Symbols are basically used for one of two purposes: either they are symbols for **phonemes** (phonemic symbols) or they are **phonetic** symbols.
- The number of **phonemic symbols** must be exactly the same as the number of phonemes we decide exist in the language.
- However, some of our phonemic symbols consist of two characters; for example, we usually treat tʃ (as in 'chip' tʃɪp) as one phoneme, so tʃ is a phonemic symbol consisting of two characters (t and ʃ).
- **Phonemic transcription** is one of the traditional exercises in pronunciation teaching by phonetic methods in which every speech sound must be identified as one of the phonemes and written with the appropriate symbol.
- There are two different kinds of transcription exercise:
 - 1) **transcription from dictation** in which the student must listen to a person, or a recording, and write down what they hear;
 - 2) **transcription from a written text** in which the student is given a passage written in orthography (**the spelling system in a language**) and must use phonemic symbols to represent how she or he thinks it would be pronounced by a speaker of a particular accent.

- Based on the BBC accent **phonemic system** contains **forty-four** phonemes.
- The complete set of these phonemes can be displayed by the usual classificatory methods used by most phoneticians;
 - the vowels and diphthongs can be located in the vowel quadrilateral; and
 - the consonants can be placed in a chart or table according to **place of articulation**, **manner of articulation** and **voicing**.



	PLACE OF ARTICULATION		
	Bilabial	Alveolar	Velar
Fortis ("voiceless")	p	t	k
Lenis ("voiced")	b	d	g

- The best known set of symbols is that of the International Phonetic Association's alphabet (the letters **IPA** are used to refer to the Association and also to its alphabet).

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2020)

CONSONANTS (PULMONIC)

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	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

- There are a lot of **diacritics** (marks which modify the symbol in some way)
 - For example, the symbol for cardinal vowel no. 4 [a] may be modified by putting two dots above it. This **centralisation** diacritic then gives us the symbol [ä] for a vowel which is nearer to central than [a].
- **Phonetic transcription** is a transcription that is much more accurate in phonetic detail, and contains much more information than a phonemic transcription.
- **Narrow phonetic transcription** is a phonetic transcription containing a lot of information about the exact quality of the sounds.
- **Broad phonetic transcription** is only included a little more information than a phonemic transcription.
- **Allophonic transcription** is one which is basically phonemic but contains additional symbolic information about allophones of particular symbols.
- When symbols are used to represent precise phonetic values, rather than phonemes, they are often enclosed in square brackets [].
- Phonemic symbols are enclosed within slant brackets / /.

➤ Phonology

- Phonology is the study of phonemes function in language, the relationships among the different phonemes, and the abstract side of the sounds of language.
- The phonemic system is similar to the set of pieces used in a game of chess.
- In a similar way, we have a more or less fixed set of “pieces” (phonemes) with which to play the game of speaking English.
- There may be many slightly different realisations of the various phonemes.

