Phonetics is a branch of linguistics which studies speech sounds, wordstress and intonation. Phonetics studies the articulation and acoustic qualities of speech sounds, the physical characteristics and sound perception of stress and intonation, the lexical and grammatical role of phonemes, word stress and intonation.

1. THE ORGANS OF SPEECH

The organs of speech are divided into active and passive (movable and immovable).

The active organs of speech which take an active part in the production of speech sounds are called **active**.

The active organs of speech are:

- the vocal chords;
- the tongue;
- the soft palate with the uvula;
- the lips;
- the lower jaw.

The most movable organ of speech is **the tongue**. It is divided into the following parts:

- the tip of the tongue;
- the blade of the tongue;
- the front of the tongue;
- the back of the tongue;
- the root of the tongue.

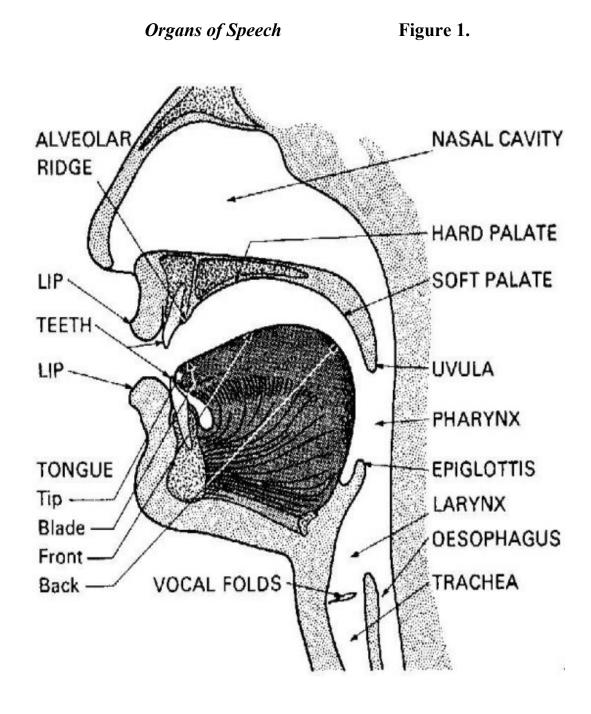
The immovable organs of speech are called **passive**. They are:

- the upper jaw;
- the alveoli;
- the hard palate;
- the teeth.

Speech sounds are produced while **exhaling.** The air exhaled from the **lungs** passes through **the bronchi**, then through the **windpipe** and gets into the upper part of the windpipe which is called the **larynx**. The larynx is rather wide. It is made up of two main **cartilages: the cricoid** and **the thyroid**. Across the larynx there are movable cartilages called **the vocal chords**. Having passed the larynx the air passes through **the pharynx** and gets into **the mouth** and **nasal cavity**.

The following organs of speech participate in the formation of speech sounds:

- the tongue;
- the hard palate and the soft palate;
- the lips and the teeth.



2. THE CLASSIFICATION OF SPEECH SOUNDS

The work of the speech organs necessary for making speech sounds is called **articulation**.

According to the presence or absence of the **obstruction** speech sounds are divided into **vowels** and **consonants**.

A VOWEL is a voiced sound produced in the mouth cavity with no obstruction to the air stream. The air stream is weak. The tongue and the vocal chords are tense. Vowels have no fixed place of articulation. In vowels voice prevails over noise. Vowels are syllable-forming sounds.

A CONSONANT is a sound produced with an obstruction to the air stream. The organs of speech are tense in the place of obstruction. Consonants are divided into **voiced** and **voiceless**. In the articulation of voiceless consonants the air stream is strong while in the articulation of voiced consonants it is weaker. The articulation of consonants can **be localized**. In consonants noise prevails over voice. Consonants aren't syllable-forming sounds.

Besides these two main types of speech sounds there is an **intermediate type** called sonants.

A SONANT has features common to both vowels and consonants. Like a consonant, a sonant is characterized by an obstruction and the **concentration of muscular tension** in the place of obstruction. But like in producing vowels, the **air passage** is wide. As a rule, sonants are not syllable-forming sounds but under certain conditions [m], [n], [l] become **syllabic**.

3. THE CLASSIFICATION OF VOWELS

Vowels are classified according to:

- 1. the position of the tongue;
- 2. the position of the lips;
- 3. the stability of articulation.
- I. The tongue may move **vertically** and **horizontally** (forward and backward) and raise to different height.
- 1. According to the vertical movement of the tongue vowels are divided into:
 - **close**: [i:], [u:], [1], [v];
 - **open:** [æ], [ɒ], [α:], [ɔ:];

In pronouncing **close** vowels the tongue comes close to the palate.

In pronouncing **open** vowels the tongue is lowered and the air passage is wide.

In pronouncing **half-open** vowels the tongue is raised half-way to the palate:

- 2. According to the horizontal movement of the tongue vowels are divided into:
 - **front:** [i:], [e], [æ];
 - front-retracted: [1];
 - mixed: [3:], [ə];
 - **back**: [v], [o:], [α:], [u:];
 - **back-advanced**: [Λ], [σ].

In pronouncing front vowels the front part of the tongue is raised in the direction of the hard palate.

In pronouncing front-retracted vowels **the front part of the tongue** is raised in the direction of **the hard palate**, but **slightly retracted**.

In pronouncing **mixed** vowels the tongue lies more or less **flat**.

In pronouncing **back** vowels the back of the tongue is raised in the direction of **the soft palate**.

In pronouncing **back-advanced** vowels the back of the tongue is raised in the direction of the **soft palate**, but somewhat **advanced**.

II. According to the position of the lips vowels can be:

- **Labialized (rounded)**: [5:], [b], [u:], [v];
- **Non-labialized (unrounded)**: [i:], [1], [e], [æ], [3:], [ρ], [α:], [Λ].

In pronouncing labialized vowels the lips are more or less rounded.

In pronouncing **non-labialized** vowels the lips may be either **spread** or **neutral**.

III. According to the stability of articulation vowels are divided into:

- 1) Monophthongs;
- 2) Diphthongs;
- 3) Triphthongs.

A **monophthong** is an unchanging vowel sound: [i:], [1], [e], [æ], [3:], [ə], [υ], [u:], [Λ], [υ :], [υ], [α :].

A **diphthong** is a complex sound consisting of two vowel elements pronounced so as to form **a single syllable**. The first element of an English diphthong is called the **nucleus**, it is a strong and clear sound. The second element is weak. It is called the **glide**.

There are 8 diphthongs in English:

- 3 with a glide toward [1] [a1], [e1], [51];
- 3 with a glide toward [a] [1a], [ea], [va];
- 2 with a glide toward [v] [av], [3v].

A **triphthong** is a complex sound consisting of three vowel elements pronounced so as to form two syllables. There are 2 triphthongs in English:

[a1ə], [auə].

Table 1. English vowel phonemes

| According to the horizontal movement of the tongue | | Front | Front retracted | Mixed | Back advanced | Back |
|--|----------------|-------|-----------------|-------|------------------|----------|
| According to | | | | | | |
| the ver | | | | | | |
| movement | | | | | | |
| of the | tongue | | | | | |
| Close | Narrow variety | [i:] | | | | [u:] |
| | Wide variety | | [1] | | [ʊ] | |
| Half- | Narrow variety | | | [3:] | | |
| open | Wide variety | [e] | | [e] | [٨] | |
| Open | Narrow variety | | | | | [3:] |
| | Wide variety | [æ] | | | | [p] [a:] |

4. THE CLASSIFICATION OF CONSONANTS

Consonants are classified according to three principles:

- the active organs of speech forming the obstruction;
- the manner of producing noise;
- the work of the vocal chords.

I. According to the active organs of speech consonants are divided into 3 groups:

- 1. Labial;
- 2. Lingual;
- 3. Pharyngal.

Labial consonants are subdivided into:

- forelingual;
- mediolingual: [j];
- **backlingual:** [k], [g], [ŋ].

Forelingual sounds are subdivided into:

- apical: $[\theta]$, $[\delta]$, [t], [d], [n], [1], [s], [z], $[\int]$, [3];
- **dorsal:** [f], [dʒ];
- cacuminal: [r].

In pronouncing **lingual** consonants the obstruction is formed by the tongue.

In pronouncing **forelingual** consonants the obstruction is formed by the front of the tongue.

In pronouncing **apical** consonants the blade of the tongue is against the upper teeth or the alveoli.

In pronouncing **dorsal** consonants the blade or the front of the tongue is against the upper teeth.

A **cacuminal** sound is pronounced by the tip of the tongue.

In pronouncing **mediolingual** consonants the front of the tongue is raised towards the hard palate.

In pronouncing **backlingual** consonants the back of the tongue is raised towards the soft palate.

II. According to the manner of producing noise English consonants are divided into:

- 1. Occlusive;
- 2. Constrictive;
- 3. Affricates.

Occlusive consonants are subdivided into:

- **plosives**: [b], [p], [d], [t], [g], [k];
- occlusive sonants: [m], [n], [n].

In making **occlusive** consonants the active organs of speech form **a** complete obstruction.

In pronouncing **plosives** the active organs of speech form a complete obstruction which is **suddenly broken** by the pressure of the air stream.

In making **occlusive sonants** the active organs of speech form **a complete obstruction**, the **mouth is blocked**, **the air passes through the nasal cavity**, the soft palate is lowered.

Constrictive consonants are subdivided into:

- fricatives: [f], [v], [s], [z], [\int], [3], [θ], [δ], [h];
- constrictive sonants: [r], [j], [w], [l].

In making **constrictive** consonants the active organs of speech do not block the air passage completely, but form **a narrowing** of the air passage.

In making **fricatives** the active organs of speech form a narrowing through the air passes **with audible friction.**

In pronouncing **constrictive sonants** the active organs of speech form a narrowing through which the air passes **without audible friction**.

Affricates are: [f], [dʒ].

In pronouncing **affricates** the active organs of speech form a complete obstruction at first and then they are **slowly released**, forming a narrow air passage.

III. According to the work of the vocal chords consonants are divided into:

- **Voiced:** [b], [d], [m], [w], [v], [n], [z], [dʒ], [ð], [ʒ], [l], [r], [j], [g], [ŋ];
- **Voiceless**: [p], [t], [f], [s], [\emptyset], [θ], [\int], [k], [h].

In pronouncing voiceless consonants the vocal chords are not made to vibrate.

In pronouncing **voiced** consonants the vocal chords are made to vibrate.

ENGLISH VOWEL PHONEMES IN DETAIL

Vowel phoneme [i:]

A long, non-labialized, front, closed monophthong. While pronouncing this sound the tongue is in the front part of the mouth. The tip of the tongue touches the lower teeth, the front of the tongue is raised towards the hard palate. The lips are slightly spread.

Phonetic exercise 1

| i:v | fi: | di:n | di:1 | bi:st |
|------|-----|-------|------|-------|
| i:ʧ | ki: | li:n | hi:l | fi:st |
| i:st | ni: | ki:n | mi:l | bi:ʧ |
| i:gl | hi: | si:n | si:l | ri:ʧ |
| i:gl | wi: | kwi:n | zi:1 | ti:ʧ |

Phonetic exercise 2

| pi: | bi: | mi: | ti: | ni: | si: | li: | wi: |
|------|------|------|------|------|------|------|------|
| pi:l | bi:m | mi:n | ti:m | ni:1 | si:m | li:v | wi:1 |
| pi:z | bi:d | mi:d | ti:z | ni:d | si:d | li:d | wi:d |
| pi:t | bi:t | mi:t | ti:θ | ni:t | si:k | li:k | wi:p |

Phonetic exercise 3

- 1. A friend in need is a friend indeed.
- 2. Extremes meet.
- 3. Between the devil and the deep sea.
- 4. Please feel free to leave.
- 5. He speaks Chinese and Japanese with equal ease.

Vowel phoneme [1]

A monophthong, front-retracted, close, short, non-labialized. In pronouncing this sound the tongue is in the front part of the mouth cavity. The front of the tongue is raised towards the hard palate. The tip of the tongue is at the lower teeth, the lips are slightly spread.

| | Phone | etic exerc | ise 4 | Pho | onetic exerci | ise 5 |
|-----|-------|------------|-------|--------|---------------|---------|
| 1t | tıp | dıd | tig | 'dıkı | 'pıkıt | dı'fıt |
| ıf | dıp | fid | tın | 'sıtı | 'krıkıt | dı'si:v |
| 11 | nıp | fil | tıŋ | 'pıgı | 'flımzı | dı'zıst |
| ın | tıf | gıv | sıŋ | 'pıtı | 'dımıtı | dı'sıʒn |
| ınʧ | kıs | lıv | rıŋ | 'nıpı | 'dıgnıtı | bı'gın |
| 1Z | lıp | tıl | sın | 'prıkı | fı′zı∫n | bı'dım |

Phonetic exercise 6

| dıd | sıt | 'sıtı | ıt | s1t - s1d |
|-----|-----|--------|----|-----------|
| dıg | nıt | 'kıtı | 1Z | dık – dıg |
| kıd | sık | 'tıkıt | ın | tık – tıg |
| sın | kıs | 'gıdı | | |

PROVERBS AND SAYINGS TO PRACTICE

- 1. Sink or swim.
- 2. As fit as a fiddle.
- 3. Bit by bit.
- 4. Six little kittens lost their mittens.

It's a pity, they were so pretty.

5. Little Bill, sit still.

Will you sit still, little Bill?

If you sit still, little Bill,

Jimmy Nill will bring you to a big hill.

Vowel phoneme [e]

A monophthong, front, half-open, short, non-labialized. In pronouncing this sound the tongue is in the front part of the mouth cavity. The front of the tongue is raised towards the hard palate. The tip of the tongue is at the lower teeth, the lips are slightly spread.

| Phon | etic exer | cise 7 | Pho | onetic exerc | cise 8 |
|------|-----------|--------------|-----------|--------------|---------|
| eb | pet | sent | 'belı | 'pensl | rı'ses |
| eg | bed | send | 'ʧerı | 'pelıt | dıs'pel |
| eft | red | nest | 'emptı | 'pensıv | ın'dent |
| eld | let | best | 'enımı | 'prefis | bı'hest |
| end | leg | kwest | | | |
| els | les | f est | Pho | netic exerc | ise 9 |
| elk | hed | #es | pıt – pet | bıd – bed | 'penı |
| edz | hem | f ek | pın – pen | bıd – bed | 'tedı |

Phonetic exercise 10

| ten | get | en | det – ded | sit - set | 'bızı 'benı | gets |
|-----|-----|----|-----------|-----------|--------------|------|
| pen | pet | eg | bet – bed | bit – bet | 'pıtı – betı | pets |
| men | net | et | set - sed | big – beg | 'mını – menı | bedz |
| | | | | dıd – ded | | kıdz |

PROVERBS AND SAYINGS TO PRACTICE

- 1. All is well that ends well.
- 2. East or West, home is best.
- 3. Get ten eggs ready for breakfast.
- 4. Every day in every way.

The weather is getting better and better.

- 5. Better late than never.
- 6. Health is above wealth.

Vowel phoneme [æ]

A non-labialized, tense, front, open, wide, short vowel. In pronouncing [æ] the tongue moves forward, the tip of the tongue is at the lower teeth. The front of the tongue is slightly raised to the palate. The jaw is lowered. The lips are spread.

| | Phonetic exercise | | 11 | | Phonetic | c exercis | e 12 |
|-----|-------------------|------|-----------|-----|------------|------------|----------|
| æm | plæn | ræm | ın'tækt | pæn | bæn | kæn | hæm |
| æd | plæd | ræn | rı'trækt | pæd | bæd | kæd | hæd |
| ænd | glæd | ræg | dıs'bænd | pæt | bæt | kæt | hæt |
| ænt | græb | ræt | dis'pæf | | | | |
| æpt | sæd | ræp | 'pækıdz | | Phonetic e | exercise 1 | 3 |
| ækt | mæd | rænt | 'læmskın | fe | en – fæn | be | ek – bæk |
| æz | fæg | læmp | 'hedlænd | m | nen – mæn | se | ed – sæd |
| æs | læg | lænd | 'læmpblæk | n | nes – mæs | h | ed – hæd |
| | | | | b | eg – bæg | er | nd – ænd |

Phonetic exercise 14

| lab - lap | æd | d1d - ded - dæd | pıt – pet – pæt | ə bıg bæg |
|-----------|----|----------------------|-----------------|-------------|
| kæb – kæp | æm | $h_1d - h_2d - h_2d$ | tın – ten – tæn | ə blæk kæt |
| hæd – hæt | æt | sıt – set sæt | pın – pen – pæn | get ða mæps |

PROVERBS AND SAYINGS TO PRACTICE

- 1. One man is no man.
- 2. A hungry man is an angry man.
- 3. He that hatches matches hatches cathes.
- 4. Once there was a lad

Who was always very sad,

For he hadn't any mother

And he hadn't any dad.

5. That's the man who sat on my hat in the tram.

Vowel phoneme [α:]

A long, non-labialized, open, back, wide monophthong. In pronouncing [α :] the tongue is retracted from the lower teeth. The back part of the tongue is raised towards the soft palate. The jaw is lowered, the lips are neutral.

|] | Phonetic e | xercise 15 | | Phonetic | exercise | 16 |
|----------------|------------|------------|-------|----------|----------|------|
| α: | pa:k | pa:s | bα: | kα: | pa: | hα: |
| α:m | mα:k | gra:s | ba:n | kα:m | pa:m | hα:m |
| α:t | ba:d | gla:s | ba:dz | kα:d | pa:d | ha:v |
| α:sk | lα:d | bα:sk | ba:k | ka:t | pa:t | hα:f |
| α:nt | ka:d | ma:sk | | | | |
| α : f | ha:t | pa:f | | | | |
| α:k | ka:t | la:dz | | | | |

Phonetic exercise 17

| $k\alpha$: $k\alpha$:m - $k\alpha$:t | α:m | ə fa: sta: |
|---|------|---------------|
| $f\alpha$: $f\alpha$:m - $p\alpha$:t | α:t | a:sk fa:ðə |
| $b\alpha$: $b\alpha$: $d - b\alpha$: k | α:sk | ðə dα:k gα:dn |

- 1. He laughs best who laughs last.
- 2. Cars can't be parked here after dark.
- 3. After a storm comes a calm.
- 4. Can't you ask Father or Aunt Margaret?
- 5. Half heart is no heart.

Vowel phoneme [p]

A short, labialized, open, back, wide monophthong. I pronouncing [p] the tongue is retracted and lowered. The back of the tongue is raised towards the soft palate. The jaw is lowered, the lips are flat and slightly spread.

| | Phonetic | exercise 1 | 8 | Phonetic exercise 19 |
|----------------------------|----------|------------|------------------|----------------------|
| $\mathfrak{p}\mathfrak{f}$ | foks | фрр | n o k | kα:d kvd |
| υv | boks | mpb | mɒk | dα:k dvk |
| υft | gpt | god | ∫vk | da:t dpt |
| υn | dpt | npt | bps | ga:d gvd |
| ppt | ppt | kpd | mps | hα:d hvd |
| $\mathfrak{p}\mathfrak{d}$ | lpt | spŋ | 'pfis | hα:t hvt |
| υks | hpt | lɒŋ | 'pnıst | lα:k lpk |

Phonetic exercise 20

| gpd gpt | υn | ə dɒg dɒgz | ə boks 'boksız |
|---------|--------|------------|--------------------|
| npd npt | pd | ə dvl dvlz | ə foks 'foksız |
| dvg dvk | 'pfə | ə kvk kvks | 'mpd(ə)n 'npv(ə)lz |
| lpg lpk | 'ɒksən | ə lpk lpks | gıv 'pplı 'kplı |

- 1. Honesty is the best policy.
- 2. A little pot is soon hot.
- 3. Rod often got into hot water.
- 4. "What an odd clock," said Tom.
- 5. Molly's got a spot on her frock.
- 6. A watched pot never boils.

Vowel phoneme [3:]

A long, tense, labialized, back, open vowel phoneme. In pronouncing [5:] the back of the tongue is raised to the soft palate. The tongue is retracted. The lips are slightly rounded but not protruded.

| Phonetic exercise 21 | | | | Phonetic exercise 22 | | |
|----------------------|------|------|------|----------------------|------|------|
| ɔ : | no: | pə:k | po: | ko: | lo: | ho: |
| o:b | fo: | fɔ:k | pɔ:n | kə:n | lɔ:n | hə:1 |
| o:t | lo: | hə:k | pɔ:z | kə:d | lə:d | ho:d |
| po: | bɔ:n | kə:t | po:t | kə:k | lo:s | ho:s |
| bo: | po:1 | go:t | | | | |
| go: | hɔ:1 | so:t | | | | |
| so: | bo:l | wo:d | | | | |

| Phonetic exercise 23 | Phonetic exercise 24 | | | | |
|----------------------|----------------------|-------------|-----------|--|--|
| pot po:t | kə: kə:d kə:t | ɔ :1 | kα:d kɔ:d | | |
| kvd ko:d | sə: sə:d sə:t | 'ə:gəst | kα:t kɔ:t | | |
| kvk ko:k | fɔ: fɔ:m fɔ:k | o:t | pα:t pɔ:t | | |
| npt np:t | to: to:l to:k | | pα:t pɔ:k | | |
| fos fo:s | | | | | |
| ∫ɒt ∫ɔ:t]] | | | | | |
| mɒtl mɔ:tl | | | | | |

- 1. Velvet paws hide sharp claws.
- 2. New lords new laws.
- 3. To talk to Mart is like talking to the wall.
- 4. George was born in August.
- 5. Of all the saws I ever saw, I never saw a saw as that saws.
- 6. I saw more than forty horses.
- 7. Her naughty daughter Maud is at fault.

Vowel phoneme [σ]

A short, close, back-advanced, labialized, wide monophthong. In pronouncing $[\upsilon]$ the back of the tongue is raised to the palate. The tip of the tongue is retracted from the teeth. The lips are rounded but not protruded.

| Phonetic exercise 25 | | rcise 25 | Phonetic exercise 26 | | |
|----------------------|-----|-------------|----------------------|---------------|--|
| pσl | buk | 'polı | god | ə gud buk | |
| pot | hok | ′pʊlit | kvd | ə gud kuk | |
| fot | tok | 'pʊlpɪt | kʊk | luk ət ðə buk | |
| sut | kuk | 'podıŋ | | | |
| god | bʊ∫ | 'pa:mfol | | | |
| wod | pus | 'pændfol | | | |
| hod | kod | 'ba:skıtfol | | | |

- How many cookies could a good cook cook
 If a good cook could cook cookies?
 A good cook could cook as much cookies
 as a good cook who could cook cookies.
- 2. The cook took a good look at the cookery book.
- 3. It' good he could go on foot.
- 4. A good beginning makes a good ending.

Vowel phoneme [u:]

A long, close, back, labialized, narrow sound. In pronouncing [u:] the back of the tongue is raised in the direction of the soft palate. The tip of the tongue is retracted from the teeth. The distance between the jaws is narrow. The lips are rounded but not protruded.

| Phonetic exercise 27 | | Pł | Phonetic exercise 28 | | |
|----------------------|------|-------|----------------------|------|-------|
| bu: | ku:1 | gu:s | ru:l | mu:n | glu:m |
| ku: | ru:1 | lu:z | ru:d | mu:d | gru:v |
| mu: | pu:1 | mu:s | ru:t | mu:t | gru:p |
| nu: | su:n | su:θ | | | |
| glu: | lu:n | smu:θ | | | |

Phonetic exercise 29

Phonetic exercise 30

| fot – fu:d | pol – pu:l | lu:z - lu:s | nju:, fju: | ju: α: |
|------------|------------|-------------|------------|-------------|
| kod – ku:t | fol – fu:l | mu:d – mu:t | 'mju:zık | ju: α: 'nɒt |
| rom – ru:m | pos – gu:s | su:n – su:p | 'mju:zikəl | α: ju: |
| hod – hu:t | pot – bu:t | | 'stu:dənts | ju: 'α:nt |

- 1. The exception proves the rule.
- 2. Soon learnt soon forgotten.
- 3. Hugh's tooth is loose.
- 4. Sue is beautiful.
- 5. I'd like some fruit juice.

Vowel phoneme [A]

A short, non-labialized, back-advanced, half-open, wide vowel. In pronouncing $[\Lambda]$ the tongue is raised to the roof of the mouth. The tip of the tongue is retracted from the lower teeth. The lips are neutral.

| Phonetic exercise 31 | | | | Phonetic exercise 32 |
|----------------------|-----|---------|----------|---|
| лр | bлt | bлlk | 'ʌn'æpt | bα:k bak bas bds |
| ΛS | bas | bask | 'ʌn'kʌt | $b\alpha:d$ $b\wedge d$ $f\alpha:s$ $f\wedge s$ |
| 'ʌglı | gan | stamp | 'ʌn'fıt | $d\alpha:k$ $d\Lambda k$ $d\Lambda g$ $d\upsilon g$ |
| 'ʌdə | kлt | t∧sk | 'ʌn'pın | pα:k pak hat hvt |
| '۸ðə | kлm | флтр | 'ʌn'nıt | mα:k mak lag log |
| 'ʌndə | sam | rı'zʌlt | 'ʌn'lıŋk | kα:d kʌd kʌd kɒd |
| 'ʌŋkl | kлр | ın'sʌlt | 'ʌn'lɜ:n | tsa:m tsam |

Phonetic exercise 33

| kлр | kлb | ΛS | 'sʌmθıŋ 'fʌnı |
|-----|-----|-------|--------------------------------|
| bлd | bлt | лр | kam tə ðə klab |
| san | lak | 'ʌndə | maı 'mʌðəz 'kʌzn ız ə 'dɒktə |
| t∧ŋ | h∧t | | 'evrı 'kantrı hæz its 'kastəmz |

- 1. Every country has its custom.
- 2. Don't trouble trouble until trouble troubles you.
- 3. When your work's done, come in the sun and have some fun.
- 4. Some love onions for lunch and supper, but when one has stuffed oneself with onions, one isn't loved much, is one?
- 5. If you're keen on stunning kites and cunning stunts, buy a cunning stunning stunt kite.

Vowel phoneme [3:]

A long, half-open, mixed, non-labialized, narrow variety, monophthong. In pronouncing [3:] the tongue is in the middle part of the mouth cavity. It is slightly raised. The tip is at the lower teeth. The jaw is slightly lowered. The lips are neutral.

| Phonetic exercise 34 | |] | Phonetic | exercis | e 35 | | | |
|----------------------|-------------|------|----------|----------|-------------|---------------|-----------------|--|
| 3: | b 3: | кз:b | wз:d | f3: | b 3: | рз: | S3: | |
| 3:k | fa: | k3:1 | w3:m | fз:m | bз:d | рз:1 | s3:ʧ | |
| 3:n | һз: | g3:1 | w3:1 | f3:st | рз:Ө | рз:ѕ | s3:dz | |
| 3:θ | рз: | рз:т | wз:k | P | honetic (| exercise | 36 | |
| ३:क् | s3: | bз:n | w3:ld | s3: s | 3: s3:f | 3:n | ən '3:lı b3:d | |
| 3:1 | w3: | hз:d | wз:θ | f3: l3:1 | n n3:s | ' 3:lı | ðə fɜ:st vɜ:b | |
| ′3:lı | sp3: | bз:d | W3:S | b3: b3: | d b3:θ | з:Ө | ðə 'θ3:t1 f3:st | |

PROVERS AND SAYINGS TO PRACTICE

- 1. It's an early bird that catches the warm.
- 2. As is the workman so is the work.
- 3. First come first served.
- 4. The first word is a verb and the third word is an adverb.

Vowel phoneme [ə]

A short, non-labialized, mixed, half-open monophthong of the wide variety. In pronouncing [ə] the position of the tongue and lips resembles that of [3:], but the tongue is lower. The lips are neutral.

| Phonetic exercise 37 | | Phonetic | exercise 38 |
|----------------------|---------|----------|-------------|
| 'hæmə | 'hæməz | pə'sıfık | ə 'bæg |
| 'rıvə | 'rıvəz | pə'si:v | ə 'net |
| 'kwıvə | 'kwıvəz | pə'sent | ə 'tıp |
| 'ba:bə | 'ba:bəz | pə'fə:m | ə 'si:t |
| 'pætə | 'pætəz | pə'mıt | ə 'plæn |
| 'pɔ:tə | 'pɔ:təz | lə'gu:n | ə 'bɒks |
| 'pi:pə | 'pi:pəz | lə'ment | ə 'fɔ:k |

ENGLISH DIPHTHONGS

Phonemes [19], [89], [09]

Phoneme [19]. The English diphthong [19] starts as a short non-labialized front retracted close vowel [1] and immediately proceeds in the direction of [9].

Phoneme [$\varepsilon \vartheta$]. The English diphthong [$\varepsilon \vartheta$] starts as [ε], a short, non-labialized, front, half-open vowel of wide variety, somewhat wider than the English [ε], and immediately proceeds in the direction of [ε]. The lips are slightly spread for the nucleus and move to neutral position during the glide.

Phoneme [və]. The English diphthong [və] starts as a short labialized backgadvanced close vowel [v] and immediately proceeds in the direction of the English [ə]. In pronouncing the nucleus of the diphthong [və] the lips are slightly rounded. Un pronouncing the glide the lips become neutral, the distance between them somewhat increases.

| Phonetic exercise 39 | | Phonetic exercise 40 | | | |
|----------------------|------|----------------------|-----------|----------------|-----------|
| ріә | рғә | риә | dıə | beə | puə |
| dıə | reə | buə | nıə | беә | ∫ບə |
| kwıə | tsə | muə | hıə | heə | ′jʊərəp |
| snıə | ∫εә | tʊə | | 'pearants | ′ju:ʒʊəlı |
| pıəs | leə | ∫ʊə | | | |
| rıəl | rıəl | 'juərəp | 'weər 1z | 'mɛərı | |
| | | | 'weər 1z | 'ðə 'ffeə | |
| | | | 'wpt 1z ð | eər ın ðə 'bæg | |
| | | | 'wpt 1z ð | εə v ðə 'ʧεə | |

PROVERS AND SAYINGS TO PRACTICE

1. Near an ear, a nearer ear, a nearly eerie ear.

Phonemes [e1], [a1], [51]

Phoneme [e1]. The English diphthong [e1] starts as a short non-labialized front, half open vowel [e] and immediately proceeds in the direction of [1]. In the pronouncing the English [e1] the lips are spread for the nucleus and move to a more close position during the glide. The distance between the jaws, which is rather wide at the beginning of the articulation, becomes narrower during the glide.

Phoneme [a1]. The English diphthong [a1] begins as [a], a short non-labialized front retracted open vowel, and immediately proceeds in the direction of the English [1]. The lips are neutral. The distance between the jaws, which is rather wide at the beginning of the articulation, becomes narrower during the glide.

Phoneme [31]. The English diphthong [31] begins as short, labialized, back, open vowel, resembling the English [12], but more advanced and close, and immediately proceeds in the direction of [13]. In pronouncing the nucleus the lips are slightly rounded and not at all protruded.

| Phonetic exercise 41 | Phonetic exercise 42 | Phonetic | e exercise 43 |
|----------------------|----------------------|----------|---------------|
| eım 'peıpə | aı paıp | boı | noız |
| eıd 'beıkə | aıs kaıt | dzəin | poız |
| eit 'weitə | aıdl baıt | ວາໄ | hoist |
| eıl 'veıkənt | paı paıl | koın | mɔıst |
| leim 'peivmət | baı taım | soıl | point |
| pein 'reilwei | taım naın | toil | dzoint |
| teık 'reıdı30 | laı naıs | spoil | ə'pəint |

PROVERS AND SAYINGS TO PRACTICE

Why do you cry, Willy?

Why do you cry?

Why, Willy? Why, Willy? Why?

Phonemes [3\operatorname{v}], [a\operatorname{v}]

Phoneme [30]. The English diphthong [30] begins as [3], a short, non-labialized, front, half-open vowel of wide variety, somewhat wider than the English [e], and immediately proceeds in the direction of the English [σ]. In pronouncing the English [3 σ] the lips start from a slight rounding and rather a large opening. At the end of the articulation the lips are considerably rounded, forming a rather small oval opening.

Phoneme [a\sigma]. The English diphthong [aɪ] begins as the front open [a] and proceeds in the direction of the English [σ]. The lips are neutral. The tongue moves forward, the tip of the tongue comes close to the front lower teeth.

| Phonetic exercise 44 | | Phonetic exercise 45 | | Phonetic exercise 46 | |
|----------------------|--------|----------------------|-------|----------------------|--|
| дзυ | panlq | bao | daot | bsv bav | |
| дзυ | gзʊld | kaʊ | flaut | ทรช ทลช | |
| ∫зʊ | ksold | sao | staut | nsun naun | |
| зvn | hзʊld | rav | raut | tson taon | |
| lson | tsvld | braon | draut | kr30n kra0n | |
| тзоп | sзʊld | taon | saun | зиt aut | |
| grзun | skзʊld | paond | maυθ | flзvt flavt | |
| | | | | gsut gaut | |

PROVERS AND SAYINGS TO PRACTICE

- 1. Oh, no, don't go home alone, nobody knows how lonely the road is.
- 2. Soames never boasts of what he knows.

But Rose never knows of what she boasts.

- 3. As you sow you shall mow.
- 4. Little strokes fell great oakes.

Sound combinatios [a17], [a07]

The so-called "triphthongs" [auə], [aɪə] are combinations of a diphthong and the neutral [ə].

Phonetic exercise 47

| faıə | avə | ðεər α' 'flauəz ənd 'flauəz 'evriwεə |
|-------|------|--------------------------------------|
| waiə | ∫aʊə | taıd 'taıəd |
| taıəd | tavə | laın 'laıən |
| laıə | pauə | kwait 'kwaiət |
| | | 'aılənd 'aıələnd |

Table 2.

English diphthongs

| Nucleus | Front | Back |
|--------------------|--------|------|
| Glide | | |
| 1-glide diphthongs | eı, aı | 31 |
| (front) | | |
| ə-glide diphthongs | 1Ә,ЕӘ | ບອ |
| (centering) | | |
| υ-glide diphthongs | au | 30 |
| (back) | | |

ENGLISH CONSONANT PHONEMES IN DETAIL

Consonant phonemes [p],[b]

Bilabial, occlusive, plosive consonants. [p] is voiceless, [b] is voiced. In pronouncing these sounds the lips form the complete obstruction. The soft palate is raised and the air passes through the mouth cavity. [p] is pronounced with aspiration.

| Phonetic 6 | exercise 48 | Phonetic exer | cise 49 |
|------------|-------------|---------------|---------|
| ↓ pıp | bi: | → pi: | bi: |
| paı | bi:m | pi:p | bi:m |
| paıp | beı | pen | ben |
| pep | beə | pæk | bæk |
| pi:p | 'beıbı | pıg | bıg |
| pi: | ba:m | po:t | bo:t |
| pa: | bлmp | 'hæpı | ′ʃæbı |
| рлтр | ba: | kлp | kлb |
| pə'pa: | bom | kæp | kæb |

PROVERS AND SAYINGS TO PRACTICE

1. Peter Piper picked a peck of pickled peppers,

A peck of pickled peppers Peter Piper picked.

If Peter Piper pa peck of pickled peppers,

Where's the peck of pickled peppers Peter Piper picked.

2. Betty Botter bought some butter, but she said "this butter's bitter!
But a bit of better butter will but make my butter better"
So she bought some better butter, better than the bitter butter, and it made her butter better so 'twas better Betty Botter bought a bit of better butter!

Consonant phoneme [m]

A bilabial, occlusive, nasal sonant. In pronouncing this sound lips form a complete obstruction and the air passes through the nasal cavity. The lips are more spread than in Ukrainian.

Phonetic exercise 50

| mi: | mıə | maıə | meı | mæp | mpb | mo: | шзυ |
|-----|-----|-------|-------|------|-------|------|-------|
| теә | mæn | maınd | 'menı | mılk | maıld | mi:t | 'mʌnı |

Phonetic exercise 51

| 'sæmən | mæʧ | 'mınıt | 'mju:zı | 'ma:stə | 'mını |
|---------|---------|---------|---------|---------|--------|
| si:m | mə′∫i:n | 'mʌndı | 'meıkıŋ | 'mætə | ′mʌŋkı |
| meid | 'mʌðə | 'ma:kıt | 'mænıdʒ | 'mi:tıŋ | 'mɒrəl |
| 'fæmılı | 'mɒdən | 'mædʒık | 'mænə | 'membə | 'mʌtə |

PROVERS AND SAYINGS TO PRACTICE

- 1. Many men many minds.
- 2. Men may meet but mountains never.
- 3. Mary Mac's mother's making Mary Mac marry me.

My mother's making me marry Mary Mac.

Will I always be so Merry when Mary's taking care of me?

Will I always be so merry when I marry Mary Mac?

- 4. Mommy made me eat my M&Ms.
- 5. The murmur of the bees in the elms brings back memories of many memorable summer.
- 6. Some men may make many mistakes in Mathematics.
- 7. Since time immemorial the moon has moved men to make poems.

Consonant phoneme [w]

A bilabial, constrictive, central sonant. In pronouncing [w] the lips are protruded and rounded. The tip of the tongue is retracted from the lower teeth. The back of the tongue is raised towards the soft palate. The soft palate is raised. The vocal chords are in vibration.

Phonetic exercise 52

| wi:p | waı | wa: | kwık | kwız | 'kwɒrəl |
|------|------|------|-------|--------|-----------|
| wım | waıp | wɔ:m | kwel | kwıt | 'kwɒlıtı |
| wıp | weə | wɔ:n | kwi:n | kwait | 'kwɒntıtı |
| web | waiə | W3U | kweil | kwaıət | 'kwplıfaı |

Phonetic exercise 53

| wi: | 'wıntə | wi a: | 'wɒts ðə 'mætə |
|-----|---------|------------|----------------------------|
| wel | 'wındзบ | wi a: 'npt | 'wen ız hi' 'bızı |
| waı | wont | 'a: wi | 'waı 'ıznt ðə 'wɔ:tə 'wɔ:m |
| wıð | wзont | | |

- 1. Where's a will, there's a way.
- 2. When the wine is in, the wit is out.
- 3. William was not very willing to wait.
- 4. No sweet without sweat.
- 5. Which word would one want if one wanted a word?
- 6. It was a pleasure to watch the wonderful way in which they worked.
- 7. "What", "why", "when" and "where" are the words we require quite often when we want to ask questions.

Consonant phonemes [f], [v]

Labio-dental, constrictive fricatives. [f] is voiceless, [v] is voiced. In pronouncing these sounds the lower lip is raised to the upper teeth. The air passes through the narrowing formed between the lower lip and the upper teeth. The air passes through this narrowing producing audible friction.

| Phonetic exercise 54 | | Phonetic | exercise 55 | Phonetic exercise 56 | |
|----------------------|------|----------|-------------|----------------------|--|
| fib | fə: | væmp | 'bi:və | bıf i:v | |
| fıə | fɔ:m | vau | 'vi:və | bi:f wi:v | |
| fa: | fзv | vju: | 'fi:və | baf waiv | |
| fa:m | f3: | V1Ə | 'vaıpə | maf mu:v | |
| feə | fз:m | v3:b | 'feıvə | wu:v v3:v | |
| feım | fзvm | V3:V | 'bev1 | faıf faıv | |

- 1. Far from eyes, far from heart.
- 2. Fortunes favours the brave.
- 3. From the frying-pan into the fire.
- 4. Fight fire with fire.
- 5. Four furious friends fought for the phone.
- 6. Fresh French fried fly fritters.
- 7. A fly and flea flew into a flue, said the fly to the flea 'what shall we do?' 'let us fly' said the flea said the fly 'shall we flee' so they flew through a flaw in the flue.

Consonant phonemes [t], [d]

Forelingual, apical, alveolar, occlusive, plosive consonants. [t] is voiceless, [d] is voiced. In pronouncing these sounds the tip of the tongue touches the alveoli forming a complete obstruction. Then the tension is released and the air compressed in the mouth cavity breaks the obstruction with explosion. [k] is pronounced with aspiration before stressed vowels.

| Phonetic exercise 57 | | | | Phoneti | c exercise | 58 |
|----------------------|-------|------|---------|----------------------|------------|---------|
| ti: | ti:m | taım | 'ta:tə | pıt p | i:t pet | |
| taı | taım | teım | 'tetə | bit bi:t bæt | | |
| ta: | tз:m | teıp | 'mætə | fit fi:t fæt | | |
| to: | top | toı | 'betə | w1t v | vi:t wet | t |
| tзv | tju:b | taʊ | 'pætə | | | |
| Phonetic exercise 59 | | |) | Phonetic exercise 60 | | |
| daı | di:m | dεə | dı'fi:t | ted | pæd | 'splid |
| deı | di:p | dıə | dı'fend | tend | mæd | 'mɔ:bɪd |
| dæn | do: | dз:t | dı'faın | taıd | bæd | 'tımıd |
| dæmp | dзvm | daut | dı'fə:m | tvd | feid | 'forıd |
| | | | Dl 4' | (1 | | |

Phonetic exercise 61

- 1. Take care of the pence and the pounds will take care of themselves.
- 2. To tell tales out of school.
- 3. A good dog deserves a good bone.
- 4. Put two and two together.

Consonant phoneme [n]

A forelingual, apical, occlusive nasal sonant. In pronouncing [n] the tip of the tongue touches the alveoli but the soft palate is lowered and the air passes through the nasal cavity.

| ercise 63 | nonetic exc | Pl | Phonetic exercise 62 | | |
|-----------|-------------|-------|----------------------|------------------------|------|
| wepn | pætn | meidn | pın | naıt | nıp |
| зорп | bætn | ga:dn | tın | naın | næp |
| | bʌtn | pa:dn | wın | n _{\lambda} t | ni:p |
| | mлtn | bз:dn | di:n | not | ni:t |
| | | | ten | npd | ni:d |
| | | | fʌn | ทรบt | nıə |

Phonetic exercise 64

'nıtın 'ni:dlz ə 'tın 'kæn
ə 'naıs 'neklıs ə 'faın 'laın
'ni:t 'næpkınz

- 1. Many men many minds.
- 2. Men may meet but mountains never.
- 3. Can you can a can as a canner can can a can?
- 4. Seventy seven benevolent elephants.
- 5. Ann and Andy's anniversary is in April.
- 6. The rain in Spain falls mainly on the plains.
- 7. That fine bunch of bananas will make a nice snack for noon.
- 8. There's no news of Annie.

Consonant phonemes [s], [z]

Forelingual, apical, alveolar, constrictive fricative consonants. [s] is voiceless, [z] is voiced. In pronouncing these sounds the blade of the tongue is raised towards the alveoli. The narrowing is formed between the tip of the tongue and the alveoli. The air passes through the narrowing with friction.

| Phonetic exercise 65 | | | | | Phonetic ex | ercise 66 |
|----------------------|-------|------|-------|--------|-------------|-----------|
| si: | snæp | bas | best | zsun | 1Z | dı'zıst |
| si:t | snıf | bps | nest | zu:m | n W1Z | dı'zɜ:v |
| si:d | smaıt | feis | fa:st | zest | waız | dı'z3:t |
| si:m | snpb | si:s | fi:st | zju:s | s əd'vaıs | dı'zaın |
| seiv | spot | vais | æks | 'zıbu: | : saız | dı'zaıə |
| sein | spo:t | ni:s | υks | 'zıbıt | noız | dı'vaız |
| saın | sma:t | nais | boks | | | |
| saıt | sta:t | | | | | |
| S3:V | swım | | | | | |

Phonetic exercise 67

| bi:mz | si:z | bæks | bægz |
|--------|----------|-------|-------|
| ni:z | ni:dz | bets | bedz |
| di:nz | mi:nz | si:ts | si:ds |
| ta:mz | baız | | |
| tju:bz | traız | | |
| təız | dı'faınz | | |
| dɔ:z | dı'pendz | | |
| webz | dı'sendz | | |

- 1. Slow and steady wins the race.
- 2. Speech is silver but silence is gold.
- 3. As sure as eggs are eggs.

Consonant phonemes $[\theta]$, $[\delta]$

Forelingual, apical, interdental, constrictive fricative consonants. $[\theta]$ is voiceless, $[\delta]$ is voiced. In pronouncing these sounds the blade of the tongue is flat and not tense. The tip of the tongue is between the upper and lower teeth.

| Phonetic exercise 68 | Phonetic ex | ercise 69 | Phonetic | c exercise | 70 |
|----------------------|----------------------|------------|-----------------------------|------------|-------|
| taı saı θaı | di: d | ði: | $\theta\theta\theta\iota k$ | θık | |
| $tin sin \theta in$ | da1 ð | Sa1 | θθθί:f | θi:f | |
| tık sık θık | de1 | ðeı | θθθειη | θein | |
| tıl sıl Orıl | dæm | ðæn | θθθeft | θeft | |
| tı:m si:m θi:m | деә | ðeə | θθθ3:r | п θз:т | - |
| to:t so:t θo:t | | | | | |
| Phonetic exercise 71 | Phonetic e | xercise 72 | Phone | tic exerci | se 73 |
| ðððis ðis | θi:m | ði: | рιθ | ρα:θ | wıð |
| ððði: ði: | θaı | ðeı | kıθ | nɔ:θ | taıdð |
| ðððæt ðæt | θ ın | ðem | $sm_1\theta$ | $mp\theta$ | bu:ð |
| ðððem ðem | θз:d | ðæn | ti:θ | tu:θ | su:ð |
| ðððen ðen | θo:n | ðæt | $dep\theta$ | таυθ | smu:ð |
| | θ 5: | ðεә | la:f | saυθ | beıð |
| | θ Λ m | ðas | | | |

- 1. Wealth is nothing without health.
- 2. Birds of a feather flock together.
- 3. The third Thursday of this month is the sixteenth.
- 4. Thirty-three thousand three hundred and thirty-three.
- 5. These are three brothers, these are their father and mother, this is their other brother.
- 6. First think then speak.

Consonant phonemes [ʃ], [ʒ]

Forelingual, apical, constrictive, fricative consonants. [ʃ] is voiceless, [ʒ] is voiced. In pronouncing [ʃ] and [ʒ] the lips are slightly pushed forward and form an oval opening. The tongue is raised. A narrowing of the air-passage is formed between the tip of the tongue and the hard palate is rather narrow.

Care should be taken not to soften the English [ʃ], [ʒ] too much, that is to avoid a too high position of the front of the tongue.

| Phonetic exercise 74 | | | | Phon | etic exer | cise 75 |
|----------------------|-----------------|----------|-----------|---------|-----------|---------------------|
| ∫aın | fı∫ | ′pæ∫n | 'za:nda:m | ſi: | ∫æl | ∫1 [.] ′1Z |
| ∫eım | dı∫ | ′pɔ:ʃn | ′meʒə | fı∫ | ′fını∫ | ∫ı⁻′ıznt |
| ∫eıp | smı∫ | pa:′tı∫n | vıʒn | ′тезә | 'pleʒə | ∫ı' ız n'nɒt |
| ∫a:p | me∫ | fı′zı∫n | dı'vızn | dı'vızn | dı'sızn | ′1Z ∫1˙ |
| ∫i:p | m∧∫ | pə′zı∫n | 'pleʒə | | | |
| ∫ɔ:t | $t\Lambda \int$ | ′pɑ:∫əl | re'ʒi:m | | | |
| ſɒt | рʊ∫ | ə'fiʃəl | ru:ʒ | | | |

PROVERS AND SAYINGS TO PRACTICE

1. She sells sea-shells on the sea-shore.

The shells she sells are sea-shells,

I am sure.

- 2. Eat at pleasure, drink with measure.
- 3. I wish to wish the wish you wish to wish, but if you wish the wish the witch wishes, I won't wish the wish you wish to wish.
- 4. I wish to wash my Irish wristwatch.
- 5. Casual clothes are provisional for leisurely trips across Asia.
- 6. She said she should sit.

Consonant phonemes [ʧ], [ʤ]

Forelingual, dorsal, back, alveolar affricates. Sound [#] is voiceless, [dʒ] is voiceless. In pronouncing these sounds the front of the tongue is raised to the hard palate. The tip of the tongue touches the alveoli. These sounds start with a complete obstruction followed by a slow release which results in the formation of a narrow air passage.

| | Phonetic | exercise | 76 | Pho | netic exer | cise 77 |
|--------------|-----------------|----------|-----------|-------|--------------|---------|
| ʧi:f | ţф | 1\$ | fetf | dзеір | dзpb | eıdz |
| ţi:t | f pp | bıʧ | bæţſ | dzeid | dzvt | peidz |
| ʧi:p | fo: | dıţſ | mæţſ | фæт | фэıп | wedz |
| ʧi:k | ʧɔ:k | fiʧ | pætf | фæz | क्षेत्र: | bæð |
| ţĭ:z | ʧa:m | pıʧ | m∧ʧ | dзлst | d 3a: | pvq2 |
| tfe1z | ţεə | sw1f | tag | длтр | dzo:n | dzлdz |
| f ein | 'ʧaınə | twif | wpf | | | |

Phonetic exercise 78

| fætf | f est | 'dzesttfə | edz | фэm |
|------|--------------|-----------|-------|---------|
| kæʧ | f æt | dzst | bædz | point |
| lætſ | tsa:t | dzpb | la:dz | ın'dຽວເ |

- 1. Just a joke.
- 2. A journalist made a journey over Japan.
- 3. John put the orange juice into the fridge.
- 4. What a charming child!
- 5. Hatches, catches, matches and dispatches.
- 6. Charlie doesn't know chalk from cheese.

Consonant phoneme [l]

A forelingual, apical, constrictive fricative, lateral sonant. In pronouncing this sound the tip of the tongue touches the alveoli. The sides of the tongue are lowered and the air passes through the narrowing formed between the lower lip and the upper teeth. The soft palate is raised. The vocal chords are made to vibrate.

Phonetic exercise 79

| li: | lıft | left | leis | lak | la:d | lo: | lɒt | lu:m |
|------|-------|------|------|-------|-------|--------|-------|------|
| li:f | lıst | les | leık | lav | la:dz | lə:n | lɒk | lu:s |
| li:v | lımp | let | leım | lлтр | la:k | lɔ:d | lpb | lu:t |
| li:p | lıv | læd | leın | lants | la:st | lo:ntf | lpdz | lu:p |
| li:n | 'lıvə | læmp | laı | lʌnʤ | la:f | lə:s | 'lɒbı | lok |

| | Phonetic | exercis | e 80 | | Phone | tic exercis | e 81 |
|------|----------|---------|-------|---|-------|-------------|------|
| bıl | bel | dʌl | fu:1 | ; | зʊld | belt | bılk |
| ţſil | sel | mʌl | pu:l | t | эзvld | delt | bлlk |
| kıl | ∫el | nлl | spu:l | 5 | sзʊld | dwelt | sʌlk |
| mıl | tel | fol | tu:l | V | ws:ld | felt | mılk |
| sıl | wel | pσl | stu: | j | fə:lt | melt | pælp |
| wıl | swell | wol | mju:l | S | so:lt | smelt | skæp |

- 1. Let sleeping dog lie.
- 2. Life is not all cakes and ale.
- 3. Loo before you leap.
- 4. Let Lucy light a candle and we'll all look for the missing ball.
- 5. A little pill may well cure a great ill.

Consonant phoneme [r]

A fore lingual, cacuminal, constrictive, central, nasal sonant. In pronouncing [r] the tip of the tongue is raised approaches the back of the alveoli forming a wide narrowing there. The back of the tongue is raised to the soft palate. The air passes through the mouth along the tongue. The vocal chords are made to vibrate.

| Phonetic exercise 82 | | | | | Phonetic exercise 83 |
|----------------------|-------|------|------|---------|----------------------|
| rıd | red | ræt | rob | rı'ses | tri: θri: |
| rıp | rent | ræp | rsub | rı'si:v | trıl θrıl |
| rıţſ | rest | ræ∫ | rom | rı'fɔ:m | trast θast |
| ri:d | reın | raız | ru:t | rı'faın | træ∫ θræ∫ |
| ri:ʧ | reıd | raıv | ru:d | rı'li:v | tred θ red |
| relm | reidz | raıð | r∧∫ | rı'pɔ:t | tret θret |

| Ph | onetic exe | rcise 84 | | Phonetic exercise 85 |
|---------|------------|----------|-----------|----------------------|
| 'mærı | 'ıərə | 'forist | ı'rekt | trıp drıp |
| 'ferı | 'mırə | 'forıd | ı'reız | traı draı |
| 'dʒʊərı | 'erənd | 'perı | ıks'tri:m | tru:p dru:p |
| 'lɒrı | 'erənt | 'ppridz | mə'ri:n | træm dræm |
| 'sɒrı | 'terə | 'perəfin | mı'ra:ʒ | trein drein |
| 'ta:rı | 'tærıf | 'pıərıəd | dı'reıl | tred dred |
| 'evrı | 'fɒrın | 'mærıdz | dı'raıv | trent drent |

- 1. Respect yourself or no one will respect you.
- 2. When a friend asks there is no tomorrow.
- 3. Rack your brains.
- 4. The great Greek grape growers grow great Greek grapes.

Consonant phoneme [j]

A mediolingual, constrictive, central, voiced sonant. In pronouncing this sound the front of the tongue is raised to the hard palate. The tip of the tongue is lowered. A narrowing of the air-passage is formed between the central part of the tongue and the hard palate. The air passes through the narrowing formed there. The soft palate is raised. The vocal chords are made to vibrate. The lips are spread or neutral.

| Phonetic exercise 86 | Pho | netic ex | ercise 87 | Phonetic | exercise 88 |
|----------------------|-------|----------|-----------|----------|-------------|
| i: ji: | ji: | jel | ja: | tju:b | vju: |
| es jes | ji:ld | jen | ja:n | tju:n | nju:d |
| æm jæm | jıə | jelp | ja:d | dju:k | mju:z |
| o: jo: | jes | jæŋk | jo: | dju:n | 'mju:zık |
| 19 j19 | ji:st | jæp | jɔ:t | dju:p | pjuə |
| o:t jo:t | jet | jæk | јзик | sju:t | kjʊə |

PROVERS AND SAYINGS TO PRACTICE

- 1. As you make your bed, so you must lie in it.
- 2. No news is good news.
- 3. Yesterday I heard a curious and beautiful new tune.
- 4. Don't argue about duty, or you'll make me furious I know the value of duty.
- 5. Excuse me if I refuse, but this suit isn't suitable.
- 6. You know New York.

You need New York.

You know you need unique New York.

Consonant phonemes [k], [g]

Back-lingual, occlusive, plosive consonants. [k] is voiceless, [g] is voiced. In pronouncing these sounds the back of the tongue is raised to the soft palate forming a complete obstruction. Immediately after that the tension in the place of obstruction is released and the air breaks through the obstruction. The tip of the tongue is retracted from the front lower teeth. The soft palate is raised. [k] is pronounced with aspiration before vowels. In pronouncing [g] vocal chords are made to vibrate.

| Phonetic exercise 89 Phonetic exercise 90 | | | Phonetic exercise 91 | | | |
|---|------|------|----------------------|-------|--------|-----------|
| kıd | kek | kɔ:k | gıv | geit | gri:f | pıg pık |
| kın | kedz | kə:n | gıft | gein | gri:t | brıg brık |
| kıl | kæb | kə:1 | gılt | geim | gri:n | wig wik |
| kıθ | kæp | кз:к | get | gnd | greid | li:g li:k |
| ki:p | kæn | кз:b | ges | дзυ | greip | bæg bæk |
| ki:n | keık | kз:s | gæs | gsvld | gra:sp | kræg kræk |
| ki:l | ka:m | kɒt | gæp | ga:d | gra:nt | dvg dvk |
| ki: | ka:f | kзʊt | gæ∫ | gu:s | grʌʤ | lpg lpk |

- 1. Take care of the pence and the pounds will take care of themselves.
- 2. To tell tales out of school.
- 3. To carry coal to Newcastle.
- 4. If you can't can any candy can,
 how many candy cans can a candy canner can
 if he can can candy cans? If you can't can any candy can,
 how many candy cans can a candy canner can
 if he can can candy cans?

Consonant phoneme [ŋ]

A backlingual, occlusive, nasal sonant. In pronouncing [n] the back of the tongue is raised towards the soft palate. The soft palate is lowered and a complete obstruction is formed between the soft palate and the back of the tongue. The tip of the tongue is at the lower teeth. The air passes through the nasal cavity. The vocal chords are made to vibrate.

| Phonetic exercise 92 | | | 92 | Phonetic exercise 93 | | |
|----------------------|-------|-------|----------|----------------------|-------------------------|--|
| kıŋ | bлŋ | ıŋk | 'sıŋgə | klıŋ 'klıŋıŋ | θ ın θ ıŋ | |
| flıg | hлŋ | pıŋk | 'springə | sıŋ 'sıŋıŋ | pın pıŋ | |
| strıŋ | lng | θιηk | 'æŋgə | rıŋ 'rıŋıŋ | dın dıŋ | |
| hæŋ | jΛŋ | blæŋk | 'hæŋgə | stıŋ 'stıŋıŋ | win win | |
| fæŋ | goŋ | θæŋk | 'gæŋgə | brıŋ 'brıŋıŋ | pæn pæŋ | |
| klæŋ | roŋ | тлŋk | 'jʌŋgə | hæŋ 'hæŋıŋ | bæn bæŋ | |
| slæŋ | stroŋ | drлŋk | ′lɒŋgə | lɒŋ ′lɒŋɪŋ | tan taŋ | |

Phonetic exercise 94

| sıŋ | hæŋk | god 'mə:nıŋ |
|----------|---------|----------------|
| loŋ | tæŋk | god 'a:ftənu:n |
| 'i:tıŋ | 'lıŋkıŋ | god 'i:vnıŋ |
| 'skeıtıŋ | ′θւŋkւŋ | |

- 1. Seeing is believing.
- 2. Saying and doing are two things.
- 3. Anything's better than going on doing nothing.
- 4. The spring brings mane charming things.
- 5. I think the thing is impossible.

Consonant phoneme [h]

A pharyngal, constrictive, fricative, voiceless consonant. In pronouncing [h] the narrowing is formed between the root of the tongue and the back part of the pharynx. The vocal chords do not vibrate.

| Phonetic exercise 95 | Phonetic exercise 96 | | |
|----------------------|----------------------|-------|----------|
| æm hæm | hi: | hʌnt | bı'hed |
| ænd hænd | hi:p | hз:t | bı'heıv |
| el hel | hıt | hot | ın'heıl |
| εə hεə | hıţſ | həist | bı'haınd |
| i:v hi:v | haı | һзор | bı'ha:f |
| o:l ho:l | haıd | ha:d | ın'hæbıt |
| a:m ha:m | haıt | hu:f | pə'hæs |
| a:t ha:t | | | |

- 1. Habit cures habit.
- 2. He that has no head needs no hat.
- 3. High winds blow on high hills.
- 4. In Hertford, Hereford and Hampshire hurricanes hardly ever happen.
- 5. Humble hairy Herbert has his hand on his heart because he sees how his brother's horse has hurt his hoof in a hole while hunting. Henry helps him to hobble home; Henry is very humorous.
- 6. A happy hippo hopped and hiccupped.
- 7. Harry Hunt hunts heavy hairy hares. Does Harry Hunt hunt heavy hairy hares? If Harry Hunt hunts heavy hairy hares, Where are the heavy hairy hares Harry Hunt hunts?

The Four Types of Stressed Syllables

The way the vowel is read in English depends on the type of stressed syllable. The type of the syllable is defined by the letters which follow the stressed vowel. The stressed syllables are divided into four types:

I. Open:

a) *absolutely open* – the syllable ends in a vowel that is read as it is named in the alphabet:

```
a -- [e1] nature
```

b) conditionally (conventionally) open – the syllable ends in the mute e:

II. Closed: the stressed vowel is followed by one or more consonants (except ${\bf r}$). The vowel has a short reading:

III. The Third type: Vowel + r + (consonant) The syllable ends in the letter r which is not pronounced but shows that the vowel has a long reading:

$$a + r - [\alpha]$$
 far

IV. The Fourth type: Vowel + re
and is usually read as a diphthong:

$$u + re -- [jva]$$
 pure but: sure $[\int va]$

READING RULES

- 1. -er; -or in an unstressed syllable give the sound [ə]
 - e.g. doctor ['doktə]; teacher ['ti:tʃə]
- **2.** $\mathbf{o} + \mathbf{ld} = [30]$
 - e.g. cold [ksuld]
- **3.** Letter **s** gives sound [**z**] in two cases:
 - between vowelse.g. visit ['vızıt];
 - at the end of the word after voiced consonants and vowels
 e.g. names [neimz], bags [bægz].

Letter **s** gives sound [**s**] in three cases:

- at the beginning of the worde.g. sit [sit], street [stri:t];
- at the end of the word after voiceless consonants
 e.g. books [boks];
- before a consonante.g. task [ta:sk].
- 4. Letter c can be read as [s] or [k]. It is read as [s] before letters e, i, y. In all other cases it is read as [k].
 - e.g. city ['sɪtɪ], cycle [saɪkl], cell [sel], coat [kɜʊt], cream [kriːm]
 - 5. Letter combination **ck** is read as **[k]**
 - e.g. back [bæk]
 - **6.** Letter \mathbf{x} before a stressed vowel is read as $[\mathbf{gz}]$, in other cases as $[\mathbf{ks}]$.
 - e.g. exam [1g'zæm]

THE RULES OF SYLLABLE DIVISION

In English vowels are syllable-forming sounds. But under certain conditions sonants may become syllabic.

```
e.g. picture [pɪk-ʧə]

lesson [le-sn]

rhythm [rɪ-ðm]

table [teɪ-bl]
```

To denote the number of syllables it's necessary to remember the following rules of syllable-division:

1. If a stressed vowel is followed by one consonant (except r), this consonant refers to the next syllable.

e.g. 'student -- 'stu-dent

In this word the first syllable is open and the vowel has alphabetic reading. But in English there are some exceptions from the rule in which vowels are read as short sounds.

e.g. city, pity, copy, very etc.

2. If a stressed vowel is followed by two consonants including double r, one consonant refers to the first syllable and the next consonant refers to the second syllable.

e.g. din-ner, mar-ry

In these words the first syllable is closed, so the vowels are read as short sounds.

3. If a stressed vowel is followed by two consonants the last of which is a sonant, both consonants refer to the second syllable.

e.g. ta-ble

In this word the first syllable is open and the vowel has alphabetic reading.

STRESS IN ENGLISH

Word stress is the prominence given to the syllable or syllables of a word.

1. In two-syllable words the first syllable is usually stressed.

```
e.g. 'of-fice, 'sup-per
```

Note! If a two-syllable word has a prefix, the second syllable is stressed.

e.g. re'turn be'gin

2. In the three- and many-syllabic words the third syllable from the end is usually stressed. The stressed vowel is usually short, except [ju:] which is long.

```
e.g. 'fac-to-ry
ex-'pe-ri-ment
'fu-ne-ral
```

Note! To denote a stressed syllable, endings and suffixes are not taken into account.

e.g. 'demonstrate 'demonstrating

Only the noun-forming **suffix** –**ion** influences the defining of a stressed syllable. The syllable preceding the suffix becomes stressed. The stress of the verb the noun is derived from becomes secondary.

e.g. 'demonstrate demon'stration

Some words have **two main stresses**. They are:

- numerals from 13 to 19
 e.g. 'fif'teen, 'six'teen etc.
- compound adjectives if their first element is an adjective
 e.g. 'good-'looking, 'ready-'made etc.

- compound nouns and adjectives if their first and the second element have their own distinct meaning.
 e.g. 'red 'deer, 'good 'will etc.
- the words with prefixes diving the word another as a rule, opposite, meaning (un-, ir-, il-, non-, dis-, under-, etc.)
 e.g. 'dis'like, 'un'able, 'ir'regular.