

Linguistics :

It is the science of language and scientific study of language.

It's main aim is to study the nature of language and establish a theory of language. The word linguistics is derived from 'lingua' - meaning tongue and 'istica' meaning knowledge or science.

Q. What are the branches of linguistics?

→ The main branches of linguistics are - phonetics, phonology, morphology, syntax, semantics, graphology and lexicology.

Phonetics :

It is the study of speech process. It includes anatomy, neurology and phonology. It also deals with articulation, classification and perception of speech sound.

Branches of Phonetics.

- 1) Acoustic phonetics
- 2) Auditory phonetics.
- 3) Articulatory phonetics

- 4) Physiological phonetics
- 5) Forensic phonetics
- 6) speech recognition

1) Acoustic phonetics :

It is the study of physical properties of speech sound.

2) Auditory phonetics

It deals with study of hearing and perception of speech sound.

3) Articulatory phonetics :

It deals with the study of the movement of speech organ in the articulation of speech.

4) Physiological phonetics :

The branch of phonetic that deals with the motive processes, anatomical measurement, spirometric properties muscle and membrane tone and kinetic aspect of the production of speech and with related aspect of the reception of speech.

v) Forensic phonetics :-

The use of phonetics (The science of speech) for forensic (legal purposes)

vi) Speech recognition :-

The analysis and transcription of recorded speech by a computer system.

* Phonetic Transcription

It is a technique which enables us to identify different sounds through several symbols. These symbols are also known as phonetic notations.

A transcription has nothing to do with spelling. It is a short-hand economical and has universal alphabets.

These alphabets may be either unfamiliar shapes or merely unfamiliar conventions but they operate on a more consistent basis than that of normal spelling, most of these phonetic transcription are phonemic transcription, each symbol representing a phoneme, the distinct sound unit in language. A phonetic transcription shown through a symbol in a pair of square brackets [] and a phonemic transcription is represented by the

same symbol within slant bars as / /.

Eg.

a. I don't know why they should go there.

→ ai daʊnt naʊ wai ʒei fɪd
gəv ʒed

26 letters



44 Sounds

20 vowel sound 20 consonant sound.

* 20 vowel sound.

Pure vowel sound (12) Diphthong sound (8)

* Vowels:

Air passes freely from our larynx when we produce vowel sounds.

or,

A vowel may be defined as a sound which is normally produced without any partial or complete obstruction in the air passage.

* Consonants :-

Air doesn't pass freely when we produced consonant sound.

or,

A consonant may be defined as a sound which is normally produced by some majors of friction or stoppage of breath.

* Pure vowel sounds (12) :-

	<u>Sounds</u> (Hindi)	<u>Symbol</u>	<u>Examples</u>
1)	अ	/ə/	ago / āgə/
2)	आ	/a/	am / a:m/
3)	ए (अ)	/e/	bed / bed/
4)	ऐ (अ)	/æ/	cat / k æ f/
5)	उ (उ)	/u:/	Put / put/

	<u>Sounds</u>	<u>Symbol</u>	<u>Examples</u>
6.	ऊ (a)	/u:/	too /tu:/
7.	एट. कट	/ʌ/	but /bʌt/
8.	औ	/ə/	hot /hət/
9.	इ (i)	/i/	sit /sit/
10.	ई (i)	/i:/	see /si:/
11.	अः	/ə:/ or /ɜ:/	saw /sə:/
12.	औ	/ɔ/	lot /lɒt/

Diphthongs (8)

Two pure vowels sounds combined to make a diphthongs.

	<u>Sounds</u>	<u>Symbol</u>	<u>Example</u>
1.)	आइ	/ai/	my /mai/
2.)	आउ	/au/	how /haʊ/
3.)	एइ	/ei/	day /dei/
4.)	अउ	/aʊ/	no /naʊ/

5. एअ /e.ə/ hair /heə/
6. इअ /i.ə/ near /niə/
7. औअ /əi/ boy /bɔi/
8. उअ /ʊə/ poor /pʊə/

Ex: go /gəu/

Now /nəu/

night /nait/

Consonant (२१)

Sound (Hindi)

Symbol

Example.

1. k

(क)

Cat /kæt/

2. p

(प)

Pen /pen/

3. b

(ब)

but /bʌt/

4. t

(ट)

top /tɒp/

5. l or i

(ल)

leg /leg/

6. m

(म)

man /mæn/

7. n (न) no /nəʊ/
8. g (ग) get /get/
9. ʒ (ज) this /ðɪs/
10. ʃ (श) she /ʃi:/
11. tʃ (च) chip /tʃɪp/
12. θ (थ) thin /θɪn/
13. dʒ (ज) jar /dʒɑ:/
14. z (ज) zoo /zu:/
15. ʒ vision, version, measure
16. j (य) yes /jes/
17. ɪŋ (ङ) ring /rɪŋ/
18. f (फ) few /few/
19. s (स) see /si:/
20. h (ह) he /hi:/
21. w (व) we /wi:/

22. v (v)

voice /vəʊs/

23. d (d)

dog /dɒg/

24. r (r)

red /red/

Write the phonetic transcription of the given words.

<u>Words</u>	<u>Phonetics</u>
1) Kit	/kɪt/
2) Sitting	/sɪtɪŋ/
3) bid	/bɪd/
4) Hymn	/hɪm/
5) Net	/net/
6) Dress	/dres/
7) Bed	/bed/
8) Head	/hed/
9) Many	/meni:/
10) Cat	/kæt/
11) Trap	/træp/
12) Black	/blæk/
13) Bad	/bæd/
14) Cast	/kæst/

15. Lot

/lɒt/

16. Arm

/ɑːm/

17. Odd

/ɒd/

18. Wash

/wɒʃ/

19. About

/əbaʊt/

20. Away

/əwei/

21. Common

/kɒmən/

22. Standard

/stændəd/

23. Cup

/kʌp/

24. Stout

/staʊt/

25. Run

/ʌn/

Homework:

1. Scientist

2. Mud

3. Love

4. Blood

5. Foot

6. Good

7. But

8. Meet

9. Fleece

10. Sea

11. Heat

12. Machine

13. Face

14. Eight

15. Day

16. Break
17. Say
18. Bite
19. Price
20. ~~Five~~ Five
21. High
22. Eye
23. Toy
24. Join
25. Choice
26. Boy
27. Boil
28. Food
29. Goose
30. Two

31. Blue

32. Group

33. Goat

34. Shout

35. No

36. Out

37. Mouth

38. How

39. Now

40. Near

41. Pier

42. Here

43. Weary

44. Square

45. Hair

46. Dare

Dare 18

47. Fair

Fair 20

48. Various

Various 22

49. Start

Start 24

50. Arm

Arm 26

51. Father

Father 28

52. Cast

Cast 30

53. Though

Though 32

54. Force

Force 34

55. Call

Call 36

56. Law

Law 38

57. North

North 40

58. War

War 42

59. Tour

Tour 44

60. Poor

Poor 46

61. Jury
62. Cure
63. Turn
64. Nurse
65. Stir
66. Legion
67. Refer
68. Hero
69. Happy
70. Radiate
71. Glorious
72. Thank You
73. Influence
74. Situation
75. English.