

UNIVERSITY OF CALCUTTA

SYLLABI

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**THREE-YEAR HONOURS AND GENERAL
DEGREE COURSES OF STUDIES**



LINGUISTICS

2010

w.e.f. 2010-11

U G SYLLABUS
Syllabus for the Three-Year B.A. Honours Course of
Studies in Linguistics

Paper I: GENERAL LINGUISTICS

100 Marks

Module 1 25 Marks

No. of Classes 25

Definition and branches of Linguistics; Methods applied in Linguistics: Synchronic, Diachronic and Panchronic studies of language; Paradigmatic & syntagmatic relationship; Levels of linguistic analysis; Definition and importance of language; Characteristics of language; Origin of language; Definition of dialect; Relationship between language and dialect; Types of dialect; Standardization of dialect; Types of language: Spoken, Written, Natural, Artificial, Mixed.

Module 2 25 Marks

No. of Classes 25

Language and society; Language and mind; Language and culture; Direction and causes of linguistic change; Phonetic change; Semantic change; Definition of analogy; Effects of analogy; Definition of borrowing; Types of borrowing; Effects of borrowing.

BOOKS RECOMMENDED

1. Akmajian, A., R.A. Demers, A.K. Farmer & R.M. Harnish. 1995. *Linguistics: An Introduction to Language and Communication*. Cambridge: MIT Press. Indian Reprint, 1996. New Delhi: Prentice Hall of India.
2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
3. Gray, H.L. 1939. *Foundations of Language*. New York: Macmillan. 2nd Printing 1958.
4. Jespersen, O. 1921. *Language*. London: George Allen & Unwin.
5. Robins, R.H. 1969. *General Linguistics: An Introductory Survey*. London: Longman.
6. Shaw, R. 1999. *saDarN Baxaib`an w ba,,laBaxa*. Kolkata: Pustak Vipani.
7. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.
8. Verma, S.K. & Krishnaswamy. 1989. *Modern Linguistics*. Delhi etc.: Oxford University Press.
9. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.

Module 3 25 Marks**No. of Classes 25**

Different stages of writing; Syllabic writing; Alphabetic writing; Differences between spoken and written language; Relationship between writing and language; Graph; Grapheme; Allograph; Evolution of script; Kharosthi script; Brahmi script; Devanagari script; Kutila script.

Module 4 25 Marks**No. of Classes 25**

Principles of language classification: Genealogical, Typological, Geographical; Language family; Proto-language; Cognate language; Reconstruction theory; Comparative method; Linguistic palaeontology.

BOOKS RECOMMENDED

1. Anderson, J.M. 1973. *Structural Aspects of Language Change*. London: Longman Gr. Ltd.
2. Diring, D. 1948. *The Alphabet*. 3rd ed. 1953. London: Hutchinson.
3. Gray, H.L. 1939. *Foundations of Language*. New York: Macmillan. 2nd Printing 1958.
4. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse*. Kolkata: Dey's Publishing.
5. Majumdar P.C. 1997. *pãitBlr Baxa : teAEda-†CEeraply pãS*. Kolkata: Paschimbanga Bangla Akademi.
6. Robins, R.H. 1969. *General Linguistics: An Introductory Survey*. London: Longman.
7. Shaw, R. 1999. *saDarN Baxaib`an w ba,,laBaxa*. Kolkata: Pustak Vipani.
8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.

Paper II: PHONETICS**100 Marks****Module 1 25 Marks****No. of Classes 25**

Definition of Phonetics; Branches of Phonetics: Articulatory, Acoustic and Auditory; Utility of Phonetics. Speech Production: Speech, Sound, Segment; Organs of speech: Description of each organ and their functions; Air Stream Mechanism: Pulmonic, Glottalic and Velaric; Phonation types: Voiceless, Voice, Whisper, Creaky voice, Breathy voice / Murmur.

Module 2 25 Marks**No. of Classes 25**

Articulation : Definition, Passive and Active Articulators; Places of Articulation; Manners of Articulation.

Vowels: Definition; Classification on the basis of articulation; Notion of Cardinal Vowel system: Definition, Primary and Secondary Cardinal Vowels.

Consonants: Definition; Classification according to articulation; Semivowels; Diphthongs; Syllables; Co-articulation.

Suprasegmental Features: Stress, length, Pitch, Intonation, Juncture.

BOOKS RECOMMENDED

1. Abercrombie, D. 1967. *Elements of General Phonetics*. Edinburgh : E. University Press.
2. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w ÷itkTa*. Kolkata: Puthipatra.
3. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore : CIIL. Reprint 1999.
4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London : School of Oriental Studies. 1986. Kolkata: Rupa & Co.
5. Jones, D. 1960. *An Outline of English Phonetics*, Cambridge: Heffer.
6. Ladefoged, P. 1962. *Elements of Acoustic Phonetics*. Chicago : University Of Chicago.
7. Ladefoged, P. 1971. *Preliminaries to Linguistic Phonetics*. Chicago: Chicago University Press.
8. Ladefoged, P. 1975. *A Course in Phonetics*. New Work : Harcourt Brace Jovanovich 2nd. ed. 1982.
9. Malmberg, B. 1963. *Phonetics*. New York : Dover.
10. Pike, K.L. 1943. *Phonetics*. Michigan: University of Michigan Press.
11. Sen, Sukumar. 1993. *Baxar ÷itbâ¹* . Kolkata: Ananda Publishers. Reprinted 1998.
12. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks

No. of Classes 25

Phonetics of Candidate's Mother Tongue: Speech Sounds; Articulation of Vowels and Consonants; Classification of Vowels and Consonants; Clusters; Diphthongs; Suprasegmentals: Stress, length, Pitch, Intonation, Juncture; Distribution of Speech Sounds. International Phonetic Alphabet; Exercises on phonetic transcription.

Module 4 25 Marks**No. of Classes 25**

Phonetics of English: Speech Sounds; Articulation of Vowels and Consonants; Classification of Vowels and Consonants; Clusters; Diphthongs; Suprasegmentals: Stress, length, Pitch, Intonation, Juncture; Distribution of Speech Sounds.
International Phonetic Alphabet; Exercises on phonetic transcription.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w ÷itkTa*. Kolkata: Puthipatra.
2. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore : CIIL. Reprint. 1999.
3. Carr, P. 1999. *English Phonetics and Phonology : An Introduction*. UK : Blackwell.
4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London : School of Oriental Studies. 1986. Kolkata: Rupa & Co.
5. Gimson, A.C. 1980. *An Introduction to the Pronunciation of English*. London: Arnold.
5. Hai, M.A.1985. *DÕinib̄ an w ba,,la DÕint'Ô*. Reprint Dhaka:Mullick Brothers.
6. Jones, D. 1960. *An Outline of English Phonetics*, Cambridge: Heffer.
7. Ladefoged, P. 1971. *Preliminaries to Linguistic Phonetics*. Chicago: Chicago University Press .
8. Sen, Sukumar. 1993. *Baxar ÷itbâ'* . Kolkata: Ananda Publishers. Reprinted 1998.
9. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
10. Ward,I.C.- *The Phonetics of English*. Heffer and Sons. Cambridge, 4th. edn. 1945.

**Paper III: PHONOLOGY & MORPHOLOGY 100 Marks
Phonology (Modules 1 & 2)****Module 1 25 Marks****No. of Classes 25**

Relationship between phonetics, phonemics and phonology; Definition of Phone – Phoneme – Allophone; Relationship between grapheme and phoneme; Environments: Initial, Medial, Final, Intervocalic, Interconsonantal, Cluster, Sequence, Gemination; Segmental vs suprasegmental phonemes; Stress, length, pitch;

Toneme; Syllables; Structure & types of syllables: Onset-Peak-Coda, Open-Closed; Phonemic transcription.

Module 2 25 Marks

No. of Classes 25

Identification of phonemes: Phonetic similarity, Suspicious pair, Minimal pair, Contrast, Free variation, Complementary distribution, Neutralization; Processes: Assimilation, Vowel Harmony, Compensatory lengthening, Dissimilation, Anaptyxis, Epenthesis, Prothesis, Apoptosis, Aphaesis, Syncope, Apocope, Haplology, Metathesis, Rhotacism, Aspiration, Assibilation, Vocalisation, Palatalisation, Cerebralisation, Dentalisation, Labialisation, Nasalisation, Spirantisation, Glottalisation; Pike's four premises of phonemic analysis; Distinctiveness and redundancy; Phoneme as a bundle of features; A brief introduction to the generative approach of phonology and the concept of distinctive features.

Exercises on phonological problems.

BOOKS RECOMMENDED

1. Bloch, B. and Trager, G. 1942. *Outlines of Linguistic Analysis*. 1972. New Delhi: Orient Reprint.
2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
3. Gleason, H.A. 1955. *Workbook in Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
5. Hai, M.A. 1985. *Dõinib̄an w ba,la Dõint'õ*. Reprint Dhaka: Mullick Brothers.
6. Harris, Z.S. 1951. *Methods in Structural Linguistics*. Chicago: University of Chicago Press. (Reprinted as *Structural Linguistics*, 1961).
7. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian edn: Calcutta, New Delhi: Oxford & IBH).
8. Hyman, L.M. 1975. *Phonology: Theory and Analysis*. New York: Holt, Rinehart & Winston.
9. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
10. Pike, K.L. 1947. *Phonemics*. Ann Arbor: The University of Michigan Press.
11. O'Grady, W., M. Dobrovolsky and F. Katamba. 1996 (3rd ed). *Contemporary Linguistics: An Introduction*. Longman.
12. Radford, A., M. Atkinson, D. Britain, H. Clahsen & A. Spencer. 1999. *Linguistics: An Introduction*. UK: Cambridge University Press.

13. Sarkar, Pabitra. 2006. *ba,,la bYakrN pās̄*. Kolkata: Dey's Publishing.
14. Shaw, R. 1999. *saDarN Baxaib̄an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Morphology (Modules 3 & 4)

Module 3 25 Marks

No. of Classes 25

Relationship between phonology and morphology; Definition of Morph – Morpheme – Allomorph; Morphophonemics; Morphophonemic alternations; Classification of morphemes: Free-Bound, Root, Stem, Affixes, Inflectional, Derivational, Reduplicative, Replacive, Unique; Different kinds of allomorphs; Identification of morphemes; Conditioning: Phonological and Morphological conditioning; Base form; Morphological processes : Affixation, Reduplication, Suppletion, Zero modification, Internal change; Paradigmatic – Syntagmatic relationship. Exercises on morphological problems.

Module 4 25 Marks

No. of Classes 25

Relationship between morphemes and words; Simple, Complex and Compound words; Closed - Open class; Words – Lexemes – Orthographic words; Word-formation processes; Parts of Speech; Grammatical categories: Gender, Number, Person, Case and Tense, Aspect, mood; Infinitive; Participle; Gerund. Exercises on morphological problems.

BOOKS RECOMMENDED

1. Bauer, L. 1993. *English word-formation*. Cambridge University Press.
2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
3. Gleason, H.A. 1955. *Workbook in Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
5. Harris, Z.S. 1951. *Methods in Structural Linguistics*. Chicago: University of Chicago Press. (Reprinted as *Structural Linguistics*, 1961).
6. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian edn: Calcutta, New Delhi: Oxford & IBH).
7. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.

8. Matthews, P.H. 1974. *Morphology: An Introduction to the Theory of Word Structure*. London & New York: Cambridge University Press.
9. Nida, E.A. 1949 (2nd ed). *Morphology, the descriptive analysis of words*. Ann Arbor: University of Michigan Press.
10. Sarkar, Pabitra. 2006. *ba,,la bYakrN pās̃*. Kolkata: Dey's Publishing.
11. Shaw, R. 1999. *saDarN Baxaib̄an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper IV: CLASSIFICATION & SURVEY OF LANGUAGES
100 Marks

Module 1 25 Marks

No. of Classes 25

Indo-European language family: Features of Proto Indo-European; Centum Satam classification; Description and features of major Indo-European languages: Greek, Germanic, Italic, Celtic, Hittite, Tocharian, Armenian, Albanian, Balto-Slavic and Indo-Iranian; Grimm's Law; Verner's Law; Grassmann's Law; Collitz's Law; Fortunatov's Law.

Module 2 25 Marks

No. of Classes 25

Sino-Tibetan language family: Classification; Features; Description; Chinese; African languages: Bantu, Sudan, Hottentot, Bushman; Semito-Hamitic; Ural-Altaic; Unclassified languages: Indian and worldwide.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Kolkata: Samskrita Pustak Bhandar. Revised edn. 2000. Samskrita Pustak Bhandar.
2. Banerjee, S.R. 1999. *s,,ôât Baxat'Ô*. Kolkata: Samskrita Pustak Bhandar.
3. Lehmann, W.P. 1962. *Historical Linguistics: An Introduction*. Indian Edn, 1968. Oxford & IBH Publishing Co.
4. Majumdar P.C. 1997. *pâiTblr Baxa : teÆda-†CEeraply pās̃*. Kolkata: Paschimbanga Bangla Akademi.
5. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).

Module 3 25 Marks

No. of Classes 25

Four major language families of India.

Dravidian: Classification and characteristics of the Dravidian languages and brief notes on them.

Austro-Asiatic: Classification and characteristics of the Austro-Asiatic languages and brief notes on them.

Tibeto-Burman: Classification and characteristics of the Tibeto-Burman languages and brief notes on them.

Module 4 25 Marks

No. of Classes 25

Indo-Aryan: Features and documents of different stages of Indo-Aryan; Inner –Outer theory; Classification and geographical distribution of the New Indo-Aryan languages; Brief notes on different NIA languages.

BOOKS RECOMMENDED

1. Bh. Krishnamurty. 2003. *The Dravidian Languages*. Cambridge: Cambridge University Press.
2. Cardona, George & Dhanesh Jain (eds). 2003. *The Indo-Aryan Languages*. London/ New York: Routledge.
3. Chatterji, S.K. 1963. *Languages and Literatures of Modern India*. Calcutta: Bengal Publishers.
4. Grierson, G.A. 1927. Linguistic Survey of India. Vol. I Part I. Ed. by Siddheswar Verma. Delhi: Motilal Banarsidass.
5. Majumdar, P.C. 1994. *s,ôât w pâakât Baxar °jmibkaS*. Kolkata: Dey's Publishing.
6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pâse~*. Kolkata: Dey's Publishing.
7. Masica, Collin. P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press. 1993.
8. Sen, Sukumar. 1993. *Baxar fitbâ'*. Kolkata: Ananda Publishers. Reprinted 1998.
9. Shaw, R. 1999. *saDarN Baxaib̄an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper V: SYNTAX & SEMANTICS

100 Marks

Module 1 25 Marks

No. of Classes 25

The study of grammar: types of grammar; Definition and types of meaning; Defining syntax and semantics: boundaries of syntax and semantics; Defining pragmatics; Relationship between semantics and pragmatics.

Module 2 25 Marks

No. of Classes 25

Sense and reference: differences and interrelations; Lexical sense relations: relationship of similarity, opposition and inclusion: synonymy, opposites, hyponymy, homonymy, polysemy,

meronymy; Lexical Ambiguity; Collocation and field; A brief introduction to Linguistic relativity.

BOOKS RECOMMENDED

1. Azad, Humayun. 1999. *AàTib̄ an*. Dhaka: Agami Prakashan.
2. Bhattacharya, Bijan Bihari. 1977. *bagàT*. Kolkata: Jignasa.
3. Das, Ramaprasad. 1995. *Sx w AàT : SxaeàTr dàSn*. Kolkata: Ananda Publishers Pvt. Ltd.
4. Dey, Asoke Kumar. 1995. *ŠitHaisk SxaeàTf̄Ô*. Kolkata: Tridip Publishers.
5. Cruse, A. 1986. *Lexical Semantics*. Cambridge: Cambridge University Press.
6. Leech, G. 1974. *Semantics*. Cambridge: Cambridge University Press.
7. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
8. Lyons, J. 1995. *Linguistic Semantics*. Cambridge: Cambridge University Press.
9. Palmer, F. R. 1981. *Semantics*. Cambridge: Cambridge University Press.
10. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
11. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
12. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.

Module 3 25 Marks

No. of Classes 25

Immediate Constituent analysis: constituent, immediate constituent, ultimate constituent, constitute, construction, labelled bracketing; Limitations of IC analysis; Structural versus Generative grammar; Three types of generative grammar: Finite State grammar, Phrase Structure grammar and Transformational grammar; PS grammar and its limitations.

Module 4 25 Marks

No. of Classes 25

Chomskyan revolution; Transformational generative grammar: its aims and objectives; Development of generative grammar; '57 model; '65 model: Competence-Performance, Deep structure-Surface structure, PS rule- Transformational rule, Adequacy, Meaning, Lexicon, Tree diagram; A glimpse of major transformations: Negative, Question, Passive.

BOOKS RECOMMENDED

1. Azad, Humayun. 1994. *bakYt'Ô*. Dhaka: Bangla Academy. (1st pub. 1984).
2. Chaki, Jyotibhushan. 1995. *ba,,la Baxar bYakrN*. Kolkata: Ananda Publishers Pvt. Ltd.
3. Chakraborty, Udaykumar. 1992. *ba,,la baekYr pdše-Cr s,,gfn*. Kolkata: Prama Prakashani.
4. Chakraborty, Udaykumar. 1998. *s,,bâtnl ba,,la bYakrN*. Kolkata: Ananda Publishers Pvt. Ltd.
5. Das, Sisir Kumar. 1992. *Baxa ij̄asa*. Kolkata: Papyrus.
6. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
7. Lyons, J. 1970. *Chomsky*. London: Fontana Press.
8. Radford, A. 1988. *Transformational Grammar: A first course*. Cambridge: Cambridge University Press.
9. Sarkar, Pabitra. 2006. *ba,,la bYakrN pās̄*. Kolkata: Dey's Publication.
10. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.

Paper VI: INDO-ARYAN LINGUISTICS

100 Marks

Module 1 25 Marks

No. of Classes 25

The origin and homeland of Indo-European; Characteristics of Indo-European; Classification of Indo-European; Development of Indo-Aryan as a member of Indo-European; Characteristics of Indo-Aryan languages.

Module 2 25 Marks

No. of Classes 25

Stages of Old Indo-Aryan; Vedic versus Classical Sanskrit; Characteristics of Old Indo-Aryan; Old Indo-Aryan Phonology: Vowel, Consonant, Diphthong, Accent, Sandhi; Old Indo-Aryan Morphology: Noun, Pronoun, Verb, Numeral.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised edn. 2000).
2. Banerjee, S.R. 1999. *s,,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
4. Murti, M. Srimannarayana. 1984. *An Introduction to Sanskrit Linguistics*. Delhi: D.K. Publications.
5. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.

6. Majumdar, P.C. 1994. *s,ôát w pāakát Baxar °jmibkaS*. Kolkata: Dey's Publishing.

Module 3 25 Marks

No. of Classes 25

Stages of Middle Indo Aryan; Classification of Middle Indo Aryan languages; Characteristics of Middle Indo Aryan languages; Middle Indo Aryan Phonology: Vowel, Consonant, Diphthong, Accent, Sandhi; Middle Indo Aryan Morphology: Noun, Pronoun, Verb, Numeral.

Module 4 25 Marks

No. of Classes 25

Emergence of New Indo Aryan; Classification and Geographical distribution of New Indo Aryan languages; Characteristics of New Indo Aryan; New Indo Aryan Phonology: Vowel, Consonant, Diphthong, Sandhi; New Indo Aryan Morphology : Noun, Pronoun, Verb, Numeral; New Indo Aryan Syntax.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w fitkTa*. Kolkata: Puthipatra.
2. Chatterji, S.K. 1926. *The Origin and Development of the Bengali Language*. Calcutta: Calcutta University Press. (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.)
3. Chatterji, S.K. 1960 . *Indo-Aryan and Hindi* . Calcutta : Firma K.L.M.
4. Majumdar, P.C. 1994. *s,ôát w pāakát Baxar °jmibkaS*. Kolkata: Dey's Publishing.
5. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi. Delhi: Motilal Banarsidass.
6. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
7. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper VII – VIII (One of the four groups –A, B, C and D- to be taken)

Group A: OLD AND MIDDLE INDO-ARYAN LINGUISTICS

Paper VII: OLD INDO-ARYAN

100 Marks

Module 1 25 Marks

No. of Classes 25

Indo-European and its relation with Old Indo-Aryan; Emergence of Old Indo-Aryan ; Old Indo-Aryan as a member of Indo-Iranian language family ; Old Indo-Aryan dialects.

Module 2 25 Marks

No. of Classes 25

Old Indo-Aryan Phonology: Development of OIA monophthongs, diphthongs and consonants; OIA Sandhi, Accent and Ablaut systems.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.
4. Chatterji, S.K. 1926. *The Origin and Development of the Bengali Language*. Calcutta: Calcutta University Press, (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.).
5. Macdonell, A.A. 1915. *A Vedic Grammar for Students*. (Reprinted Indian Edition, New Delhi: Cambridge University Press).
6. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
7. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).
9. Whitney, W.D. 1965. *A Sanskrit Grammar*. Delhi: Motilal Banarsidass. (1st published in 1896).

Module 3 25 Marks

No. of Classes 25

Old Indo-Aryan Morphology: Nouns, Adjectives, Numerals, Verbs; OIA Compounds; A general outline of OIA Declension and Conjugation.

Module 4 25 Marks

No. of Classes 25

OIA Texts: English Translation or Sanskrit Rendering, Linguistic notes; Agni, Indra, Pusan, Devi from Chatterjee, K.C. (ed.) 1969. *Vedic Selections*. Calcutta: University of Calcutta.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.

3. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.
4. Chatterji, S.K. 1926. *The Origin and Development of the Bengali Language*. Calcutta: Calcutta University Press, (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.).
5. Macdonell, A.A. 1915. *A Vedic Grammar for Students*. (Reprinted Indian Edition, New Delhi: Cambridge University Press).
6. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
7. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).
9. Whitney, W.D. 1965. *A Sanskrit Grammar*. Delhi: Motilal Banarsidass. (1st published in 1896).

Paper VIII: MIDDLE INDO-ARYAN

100 Marks

Module 1 25 Marks

No. of Classes 25

Emergence of Middle Indo Aryan; Stages and Development of Middle Indo Aryan dialects; Vedic elements in Middle Indo Aryan; A brief introduction to the Pali language; Comparison between Pali and Prakrit; Pali versus Vedic Sanskrit; Salient linguistic features of MIA dialects (Maharastri, Sauraseni, Magadhi, Ardha-Magadhi, Paisaci).

Module 2 25 Marks

No. of Classes 25

Middle Indo Aryan phonology: Treatment of OIA vowels, consonants, diphthongs in MIA; Types of MIA conjuncts; Syntagmatic changes in MIA; Effects of OIA accent in MIA; MIA ablaut.

BOOKS RECOMMENDED

1. Barua, D.L. 1956. *Pali Grammar*. Kolkata: R.P. Mitra & Son.
2. Jha, M. 1967. *Magadhi and its formation*. Calcutta: Sanskrit College Research Publication.
3. Majumdar, P.C. 1994. *s,ôât w pākât Baxar °jmibkaS*. Kolkata: Dey's Publishing.
4. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi. Delhi: Motilal Banarsidass.

5. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
6. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
7. Woolner, A.C. 1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).

Module 3 25 Marks No. of Classes 25
 Middle Indo Aryan Morphology: MIA nominals, pronouns and adjectives; Development of OIA Verbal system in MIA; A general outline of MIA Declension and Conjugation.

Module 4 25 Marks No. of Classes 25
 MIA Texts: English Translation or Sanskrit Rendering, Linguistic notes; Extract Nos. 4, 10, 15, 22, 30 and 33 from Woolner, A.C. 1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).

BOOKS RECOMMENDED

1. Barua, D.L. 1956. *Pali Grammar*. Kolkata: R.P. Mitra & Son.
2. Jha, M. 1967. *Magadhi and its formation*. Calcutta: Sanskrit College Research Publication.
3. Majumdar, P.C. 1994. *s,,ôât w pākât Baxar °jimbkaS*. Kolkata: Dey's Publishing.
4. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi: Motilal Banarsidass.
5. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
6. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
7. Woolner, A.C. 1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).

Group B: OLD IRANIAN LINGUISTICS

Paper VII: AVESTAN 100 Marks

Module 1 25 Marks No. of Classes 25
 Indo-Iranian: An off-shoot of Indo-European language family; A brief history of Indo-Iranian languages; Linguistic features of Indo-Iranian

Language family; A brief description of Old Iranian languages: Avestan and Old Persian; Avestan literature; Ahura – Daeva words

Module 2 25 Marks No. of Classes 25

Avestan Phonology: Treatment of OIA vowels, diphthongs, consonants and clusters in the Avestan language; A comparison between Avestan and the Vedic language; Bartholomae's law.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *संस्कृतं बखत'ओ*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Module 3 25 Marks

No. of Classes 25

Avestan Morphology: A general outline of Avestan morphology; Declension of Avestan Nouns and Pronouns; Conjugation of Avestan Verbs; Avestan compounds.

Module 4 25 Marks

No. of Classes 25

Avestan Text: English Translation or Sanskrit Rendering, Linguistic notes; Haoma Yast. Dutt, C. 1973. *Selections from Avestan and Old Persian*. Calcutta : World Press .

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *संस्कृतं बखत'ओ*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Paper VIII: OLD PERSIAN

100 Marks

Module 1 25 Marks

No. of Classes 25

A brief outline of Old Persian language; Dialectal divergence of Old Persian language.

Module 2 25 Marks

No. of Classes 25

Old Persian Phonology: Treatment of OIA vowels, diphthongs, consonants and clusters in Old Persian language; A comparison between Old Persian and Middle Indo-Aryan; Old Persian versus Classical Sanskrit.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Kent, R.G. 1953. *Old Persian*. New Haven, Connecticut: American Oriental Society.
4. Sen, S. 1941. *Old Persian Inscriptions of the Achaemenian Emperors*. Calcutta: Calcutta University Press.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Module 3 25 Marks

No. of Classes 25

Old Persian Morphology: A general outline of Old Persian morphology; Declension of Old Persian Nouns and Pronouns; Conjugation of Old Persian Verbs; Old Persian compounds.

Module 4 25 Marks

No. of Classes 25

Old Persian Text: English Translation or Sanskrit Rendering, Linguistic notes; Inscriptions of Darius, Behistan Column I. Dutt, C. 1973. *Selections from Avestan and Old Persian*. Calcutta: World Press.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Group C: BENGALI LINGUISTICS
Paper VII: A DIACHRONIC STUDY OF THE BENGALI
LANGUAGE **100 Marks**

Module 1 **25 Marks** **No. of Classes 25**
Origin of Bengali; Bengali as a Magadhan language; Comparison of Bengali and other Eastern Magadhan languages; Bengali as an New Indo Aryan language.

Module 2 **25 Marks** **No. of Classes 25**
Stages of Bengali; Documents of different stages; Linguistic studies on Old and Middle Bengali; Linguistic features of Modern Bengali.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w fitkTa*. Kolkata: Puthipatra.
2. Beames, J. 1872-79. *A Comparative Grammar of the Modern Aryan Languages of India*. 3 vols. London.
3. Chatterji, S.K. 1974 (8th ed). *ba,,la Baxate'Ôr BUimka*. Calcutta: Calcutta University Press.
4. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
5. Majumdar, P.C. 2003-04. *ba,,la Baxa pir°jma*. 2 vols. Kolkata: Dey's Publishing.
6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse~*. Kolkata: Dey's Publishing.
7. Masica, C.P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press.
8. Sen, S.K. 1971. *Proto New Indo-Aryan*. Calcutta: Eastern Publishers.
9. Sen, Sukumar. 1993. *Baxar fitbâ¹* . Kolkata: Ananda Publishers. Reprinted 1998.
10. Shaw, R. 1999. *saDarN Baxaib~an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 **25 Marks** **No. of Classes 25**
Development of Bengali sounds; Phonological processes in the development of Bengali language; Diachronic study on Bengali Gender, Number, Case, Verb system.

Module 4 **25 Marks** **No. of Classes 25**
Old Bengali and Middle Bengali texts: translation and linguistic notes:

- i) Old Bengalo texts: Pada Nos. 1, 5, 6, 8 & 10 from Sen, Sukumar. *câZaglit pdabll*. Calcutta: Eastern Publishers.
- ii) Early Middle Bengali texts: b,,SIK": Ýk na bafiS ba... bRaiy kailnl n†k™el...; ... Dn ÝZObn bRaiy sb%o Vsar...; kaeHjr taÜul raDa idelaf Ýtar HaeT...
Basantaranjan Bidyaballabh.
c"Idaesr Sâlkáx—klàtn.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w †itkTa*. Kolkata: Puthipatra.
2. Beames, J. 1872-79. *A Comparative Grammar of the Modern Aryan Languages of India*. 3 vols. London.
3. Chatterji, S.K. 1974 (8th ed). *ba,,la Baxate'Ôr BUimka*. Calcutta: Calcutta University Press.
4. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
5. Majumdar, P.C. 2003-04. *ba,,la Baxa pir°jma*. 2 vols. Kolkata: Dey's Publishing.
6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse~*. Kolkata: Dey's Publishing.
7. Masica, C.P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press.
8. Sen, S.K. 1971. *Proto New Indo-Aryan*. Calcutta: Eastern Publishers.
9. Sen, Sukumar. 1993. *Baxar †itbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
10. Shaw, R. 1999. *saDarN Baxaib~an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper VIII: A SYNCHRONIC STUDY OF THE BENGALI LANGUAGE 100 Marks

Module 1 25 Marks

No. of Classes 25

Bengali sound system: Vowel, Consonant, Diphthong, Syllable, Cluster pattern, Supra-segmental features.

Module 2 25 Marks

No. of Classes 25

Phonological processes; Sandhi system; Word-formation processes; Nature and Type of Formative Affixes; Compound formation.

BOOKS RECOMMENDED

1. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore: CIIL. Reprint 1999.

2. Bhattacharya, K. 1993. *Bengali-Oriya Verb Morphology: A Contrastive Study*. Calcutta: Dasgupta.
3. Bykova, E.M. 1981. *The Bengali Language*. Moscow: Nauka.
4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London: School of Oriental Studies.
5. Chatterji, S.K. 1988. *Baxa pākaS ba~ala bYakrN*. Calcutta: Rupa.
6. Majumdar, P.C. 2003-04. *ba,,la Baxa pir^oima*. 2 vols. Kolkata: Dey's Publishing.
7. Ray, P.S. et al. 1966. *Bengali Language Handbook*. Washington D C: Centre for Applied Linguistics.
8. Sarkar, Pabitra. 2006. *ba,,la bYakrN pās~*. Kolkata: Dey's Publishing.
9. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
10. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks

No. of Classes 25

Synchronic study on Bengali Declensional and Conjugational pattern; Syntactic pattern in Bengali; Bengali dialects and vocabulary.

Module 4 25 Marks

No. of Classes 25

Studies on Linguistic observation by distinguished personalities: any four from the following:

- i) *ba~la Baxa*: Chatterjee, Bankimchandra. 1983. *bi^akm rcnabl*. Vol. II. Kolkata: Pascim Bangga Rajya Pustak Parsad. 339-344.
- ii) *ba~ala bYakrN*: Haraprasad Shastri. 1981. *Hrpāsad Saó½l rcna s,,gāH*. Vol.II.
- iii) *ba~ala Baxa*: Swami Vivekananda. Bengali Year 1358 (9th ed). *Babbar kTa*. Kolkata: Udvodhan.
- iv) *Baxar řit*: Tagore Rabindranath. 1961. *Sxt¹Ô, rblÆÅ rcnabl* Vol. XIV. Kolkata: Govt. of West Bengal.
- v) *ba,,la Baxa pircy* (passage 14): Tagore Rabindranath. 1961. *rblÆÅ rcnabl* .Vol. XIV. Kolkata: Govt. of West Bengal.
- vi) *ba~ala kâř w tiÁt*: Tribedi Ramendrasundar. 1985. Nirmalendu Bhaumik (ed). *raemÆÅ rcna-s,yn*. Kolkata: Modern Book Agency.
- vii) *saDuBaxa bnam ciltBaxa*: Chaudhuri Pramatha. 2000. *pābÉ s,,gāH*. Visva Bharati.
- viii) *Vmaedr Baxa s,,kF*: Chaudhuri Pramatha. 2000. *pābÉ s,,gāH*. Visva Bharati.

BOOKS RECOMMENDED

1. Bhattacharya, P.C. 1976. *ba,,la Baxa*. Kolkata: Jijnasa.
2. Bhattacharya, S. 2006. *Baxa w oSll*. Kolkata: Bangiya Sahitya Samsad.
3. Bykova, E.M. 1981. *The Bengali Language*. Moscow: Nauka.
4. Chakrabarty, U. 1992. *ba,,la baekYr pdše-Cr s,,gfn*. Kolkata: Prama.
5. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
6. Chatterji, S.K. 1988. *Baxa pākaS ba~ala bYakrN*. Calcutta: Rupa.
7. Dasgupta P. 1987. *kTar i°iyakàm*. Kolkata: Dey's Publishing.
8. Majumdar, P.C. 2003-04. *ba,,la Baxa pir°jma*. 2 vols. Kolkata: Dey's Publishing.
9. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
10. Shaw, R. 1999. *saDarN Baxaib~an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Group D: APPLIED LINGUISTICS

Paper VII: LANGUAGE TEACHING-LEXICOGRAPHY- SOCIOLINGUISTICS-FIELD LINGUISTICS 100 Marks

Module 1 25 Marks

No. of Classes 25

A brief introduction to Language Teaching: Scope and Purpose; and Linguistics and Language teaching; Methods: Grammar-Translation method, Direct method, Audio-Visual method, Eclectic method, Communicative Approach; Four Different Language Skills: Listening, Speaking, Reading, Writing; Pattern Practice; Vocabulary Teaching; Testing Language Proficiency; Technological aids: Language laboratory.

Module 2 25 Marks

No. of Classes 25

A brief introduction to Lexicography: Definition, Scope and Purpose; Lexicography and Linguistics; Lexicography and Lexicology; Types of Dictionaries; Meaning and its relationship to forms; Dictionary Entry: Planning, Construction and Editing; Relevance of Notation and Format.

BOOKS RECOMMENDED

1. Bejoint , H. 2000. *Modern Lexicography*. Oxford: Oxford University Press.

2. Cook, Vivian. 2001. *Second Language Learning and Language Teaching*. London: Arnold.
3. Corder, S. Pit. 1973. *Introducing Applied Linguistics*. Harmondsworth: Penguin.
4. Halliday, M.A.K. et al. 1964. *The Linguistics Sciences and Language Teaching*. London: Longman.
5. Lado, R. 1964. *Language Teaching – A Scientific Approach*. New York: McGraw-Hill.
6. Singh, R.A. 1982. *An Introduction to Lexicography*. Mysore: CIIL.
7. Ur. P. 1996. *A Course in Language Teaching*. Cambridge: Cambridge University Press.
8. Zugusta, L. 1971. *Manual of Lexicography*. The Hague: Mouton.

Module 3 25 Marks

No. of Classes 25

A brief introduction to Sociolinguistics: Definition and Scope; Language variation; Social dialect; Standard language; Speech community; Register; Lingua franca; Bilingualism: Code, Code switching and Code mixing; Multilingualism; Classical diglossia; Linguistic identity.

Module 4 25 Marks

No. of Classes 25

A brief introduction to Linguistic Fieldwork: Relevance and Application; Purposes of linguistic fieldwork; Basic concepts of linguistic fieldwork: Informant, Community, Investigator, Questionnaire, Corpus, Elicitation techniques; Equipment used for fieldwork; Transcription.

BOOKS RECOMMENDED

1. Abbi, Anvita. 2001. *A Manual of Linguistic Field Work and Structure of Indian Languages*. Muenchen: Lincom Europa.
2. Hudson, R.H. 2003. *Sociolinguistics*. Cambridge: Cambridge University Press. (1st pub. 1980.)
2. Nath, M. 1989. *smajBaxaib⁷aenr roeperKa*. Dhaka: Bangladesh Bhasha Samiti.
3. Nath, M. 1999. *Baxa w smaj*. Calcutta: Naya Udyog.
4. Samarin, W. 1967. *Field Linguistics: A Guide to Linguistic Fieldwork*. New York: Holt, Rinehart and Winston.
5. Trudgill, P. 2000. *Sociolinguistics: An Introduction to Language and Society*. Harmondsworth: Penguin. (1st pub. 1974).
6. Wardhaugh, R. 2002. *An Introduction to Sociolinguistics*. Oxford: Blackwell. (1st pub. 1986).

Paper VIII: COMPUTATIONAL LINGUISTICS 100 Marks

Module 1 25 Marks

No. of Classes 25

Language, Linguistics and Computer; Computational Linguistics: Historical background, Goal, Scope and Methodology; Computational Linguistics and Artificial Intelligence; Computational Linguistics and Cognitive Science; Machine learning; Information representation.

Module 2 25 Marks

No. of Classes 25

History of computing: Analog computer and Digital computer; Structure of computer: Hardware, Software; Function of computer: Controlling unit, Architecture, Memory, Input-Output device, Multitask, Multiprocessing; Computer programming; Computer languages.

BOOKS RECOMMENDED

1. Eck, David J. 2000. The Most Complex Machine: A Survey of Computers and Computing. A.K. Peters Ltd.
2. Hughes, Agatha C. 2000. System Experts and Computers. Mass: MIT Press.
3. Mitkov, Ruslan. 2003. The Oxford Handbook of Computational Linguistics. Oxford:Oxford University Press.
4. Mukhopadhyay, A.K. & A. Das. 2004-05. Computer Application (for Commerce & Arts Students). Vols. I & .II combined. Kolkata: Kalimata Pustakalaya.
5. Souter, C. & E. Atwell. (eds.) 1993. Corpus Based Computational Linguistics. Amsterdam: Rodopi.
6. Winograd, Terry. 1972. Understanding Natural Language. New York: Academic Press.

Module 3 25 Marks

No. of Classes 25

Corpus linguistics: History, Goal and Scope; Corpus typology: Text corpus, Speech corpus, Monolingual corpus, Bilingual corpus, Trilingual corpus, Annotated corpus, Non-annotated corpus, Learner corpus, Monitor corpus, Multimodal corpus, National corpus and others; Corpus generation; Corpus processing; Application of corpora in Theoretical, Descriptive and Applied linguistics.

Module 4 25 Marks

No. of Classes 25

An overview of current fields of research: Machine translation (MT); Speech processing; Text-to-speech conversion;

Computational lexicography; Word sense disambiguation; Optical character recognition (OCR); Spelling checking; WordNet; Computer assisted language teaching (CALT).

BOOKS RECOMMENDED

1. Bharati, Aksar, Vineet Chaitanya & Rajeev Sangal. 1995. Natural Language Processing: A Paninian Perspective. New Delhi: Prentice-Hall.
 2. Dash, N.S. 2008. Corpus Linguistics: An Introduction. New Delhi: Pearson Longman.
 3. Fellbaum, Christian (ed.) 1998. WordNet: An Electronic Lexical Database. Mass: MIT Press.
 4. Hutchins, W.J. 1986. Machine Translation: Past, Present, Future. Chichester: Ellis Harwood.
 5. Kennedy, Graeme. 1998. An Introduction to Corpus Linguistics. London: Addison-Wesley Longman.
 6. McEnery, Tony & Andrew Wilson. 1996. Corpus Linguistics. Edinburgh: Edinburgh University Press.
 7. Ooi, Vincent, B.Y. 1997. Computer Corpus Lexicography. Edinburgh: Edinburgh University Press.
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Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010

Syllabus for the Three-Year B.A. Honours Course of Studies in Linguistics

Paper I: GENERAL LINGUISTICS 100 Marks

Module 1 25 Marks No. of Classes 25

Definition and branches of Linguistics; Methods applied in Linguistics: Synchronic, Diachronic and Panchronic studies of language; Paradigmatic & syntagmatic relationship; Levels of linguistic analysis; Definition and importance of language; Characteristics of language; Origin of language; Definition of dialect; Relationship between language and dialect; Types of dialect; Standardization of dialect; Types of language: Spoken,

Written, Natural, Artificial, Mixed.

Module 2 25 Marks No. of Classes 25

Language and society; Language and mind; Language and culture; Direction and causes of linguistic change; Phonetic change; Semantic change; Definition of analogy; Effects of analogy; Definition of borrowing; Types of borrowing; Effects of borrowing.

BOOKS RECOMMENDED

1. Akmajian, A., R.A. Demers, A.K. Farmer & R.M. Harnish. 1995. *Linguistics: An Introduction to Language and Communication*. Cambridge: MIT Press. Indian Reprint, 1996. New Delhi: Prentice Hall of India.
 2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
 3. Gray, H.L. 1939. *Foundations of Language*. New York: Macmillan. 2nd Printing 1958.
 4. Jespersen, O. 1921. *Language*. London: George Allen & Unwin.
 5. Robins, R.H. 1969. *General Linguistics: An Introductory Survey*. London: Longman.
 6. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
 7. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.
 8. Verma, S.K. & Krishnaswamy. 1989. *Modern Linguistics*. Delhi etc.: Oxford University Press.
 9. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.
- Revised Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010 2*

Module 3 25 Marks No. of Classes 25

Different stages of writing; Syllabic writing; Alphabetic writing; Differences between spoken and written language; Relationship between writing and language; Graph; Grapheme; Allograph; Evolution of script; Kharosthi script; Brahmi script; Devanagari script; Kutila script.

Module 4 25 Marks No. of Classes 25

Principles of language classification: Genealogical, Typological, Geographical; Language family; Proto-language; Cognate language; Reconstruction theory; Comparative method; Linguistic palaeontology.

BOOKS RECOMMENDED

1. Anderson, J.M. 1973. *Structural Aspects of Language Change*. London: Longman Gr. Ltd.
2. Diringer, D. 1948. *The Alphabet*. 3rd ed. 1953. London: Hutchinson.
3. Gray, H.L. 1939. *Foundations of Language*. New York: Macmillan. 2nd Printing 1958.
4. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse*. Kolkata: Dey's Publishing.
5. Majumdar P.C. 1997. *pâiTblr Baxa : †eÆda-†OEeraply pãs*. Kolkata: Paschimbanga Bangla Akademi.
6. Robins, R.H. 1969. *General Linguistics: An Introductory Survey*. London: Longman.
7. Shaw, R. 1999. *saDarN Baxaib an w ba,,laBaxa*. Kolkata: Pustak Vipani.
8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.

Paper II: PHONETICS 100 Marks

Module 1 25 Marks No. of Classes 25

Definition of Phonetics; Branches of Phonetics: Articulatory, Acoustic and Auditory; Utility of Phonetics.

Speech Production: Speech, Sound, Segment; Organs of speech:

Description of each organ and their functions; Air Stream

Mechanism: Pulmonic, Glottalic and Velaric; Phonation types:

Voiceless, Voice, Whisper, Creaky voice, Breathy voice / Murmur.

Module 2 25 Marks No. of Classes 25

Articulation : Definition, Passive and Active Articulators; Places of Articulation; Manners of Articulation.

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Vowels: Definition; Classification on the basis of articulation;

Notion of Cardinal Vowel system: Definition, Primary and Secondary Cardinal Vowels.

Consonants: Definition; Classification according to articulation;

Semivowels; Diphthongs; Syllables; Co-articulation.

Suprasegmental Features: Stress, length, Pitch, Intonation, Juncture.

BOOKS RECOMMENDED

1. Abercrombie, D. 1967. *Elements of General Phonetics*. Edinburgh : E. University Press.

2. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w †itkTa*. Kolkata: Puthipatra.

3. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore :

CIIL. Reprint 1999.

4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London : School of Oriental Studies. 1986. Kolkata: Rupa & Co.

5. Jones, D. 1960. *An Outline of English Phonetics*, Cambridge: Heffer.

6. Ladefoged, P. 1962. *Elements of Acoustic Phonetics*. Chicago : University Of Chicago.

7. Ladefoged, P. 1971. *Preliminaries to Linguistic Phonetics*. Chicago: Chicago University Press.

8. Ladefoged, P. 1975. *A Course in Phonetics*. New York : Harcourt Brace Jovanovich 2nd. ed. 1982.

9. Malmberg, B. 1963. *Phonetics*. New York : Dover.

10. Pike, K.L. 1943. *Phonetics*. Michigan: University of Michigan Press.

11. Sen, Sukumar. 1993. *Baxar ÷itbâ¹* . Kolkata: Ananda Publishers. Reprinted 1998.

12. Shaw, R. 1999. *saDarN Baxaib^{an} w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks No. of Classes 25

Phonetics of Candidate's Mother Tongue: Speech Sounds; Articulation of Vowels and Consonants; Classification of Vowels and Consonants; Clusters; Diphthongs; Suprasegmentals: Stress, length, Pitch, Intonation, Juncture; Distribution of Speech Sounds. International Phonetic Alphabet; Exercises on phonetic transcription.

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Module 4 25 Marks No. of Classes 25

Phonetics of English: Speech Sounds; Articulation of Vowels and Consonants; Classification of Vowels and Consonants; Clusters; Diphthongs; Suprasegmentals: Stress, length, Pitch, Intonation, Juncture; Distribution of Speech Sounds. International Phonetic Alphabet; Exercises on phonetic transcription.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t¹Ô w ÷itkTa*. Kolkata: Puthipatra.

2. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore : CIIL. Reprint. 1999.

3. Carr, P. 1999. *English Phonetics and Phonology : An Introduction*. UK : Blackwell.
4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London : School of Oriental Studies. 1986. Kolkata: Rupa & Co.
5. Gimson, A.C. 1980. *An Introduction to the Pronunciation of English*. London: Arnold.
5. Hai, M.A.1985. *Dõinib̄ an w ba,,la Dõint'Ô*. Reprint Dhaka:Mullick Brothers.
6. Jones, D. 1960. *An Outline of English Phonetics*, Cambridge: Heffer.
7. Ladefoged, P. 1971. *Preliminaries to Linguistic Phonetics*. Chicago: Chicago University Press .
8. Sen, Sukumar. 1993. *Baxar †itbâ¹* . Kolkata: Ananda Publishers. Reprinted 1998.
9. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
10. Ward,I.C.- *The Phonetics of English*. Heffer and Sons. Cambridge, 4th. edn. 1945.

**Paper III: PHONOLOGY & MORPHOLOGY 100 Marks
Phonology (Modules 1 & 2)**

Module 1 25 Marks No. of Classes 25

Relationship between phonetics, phonemics and phonology;
Definition of Phone – Phoneme – Allophone; Relationship between grapheme and phoneme; Environments: Initial, Medial, Final, Intervocalic, Interconsonantal, Cluster, Sequence, Gemination;
Segmental vs suprasegmental phonemes; Stress, length, pitch;
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Toneme; Syllables; Structure & types of syllables: Onset-Peak-Coda, Open-Closed; Phonemic transcription.

Module 2 25 Marks No. of Classes 25

Identification of phonemes: Phonetic similarity, Suspicious pair, Minimal pair, Contrast, Free variation, Complementary distribution, Neutralization; Processes: Assimilation, Vowel Harmony, Compensatory lengthening, Dissimilation, Anaptyxis, Epenthesis, Prothesis, Apoptosis, Aphesis, Syncope, Apocope, Haplology, Metathesis, Rhotacism, Aspiration, Assibilation, Vocalisation, Palatalisation, Cerebralisation, Dentalisation, Labialisation, Nasalisation, Spirantisation, Glottalisation; Pike's four premises of phonemic analysis; Distinctiveness and

redundancy; Phoneme as a bundle of features; A brief introduction to the generative approach of phonology and the concept of distinctive features.

Exercises on phonological problems.

BOOKS RECOMMENDED

1. Bloch, B. and Trager, G. 1942. *Outlines of Linguistic Analysis*. 1972. New Delhi: Orient Reprint.
 2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
 3. Gleason, H.A. 1955. *Workbook in Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
 4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
 5. Hai, M.A. 1985. *DŌinib̄ an w ba,,la DŌint'Ō*. Reprint Dhaka: Mullick Brothers.
 6. Harris, Z.S. 1951. *Methods in Structural Linguistics*. Chicago: University of Chicago Press. (Reprinted as *Structural Linguistics*, 1961).
 7. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian edn: Calcutta, New Delhi: Oxford & IBH).
 8. Hyman, L.M. 1975. *Phonology: Theory and Analysis*. New York: Holt, Rinehart & Winston.
 9. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
 10. Pike, K.L. 1947. *Phonemics*. Ann Arbor: The University of Michigan Press.
 11. O'Grady, W., M. Dobrovolsky and F. Katamba. 1996 (3rd ed). *Contemporary Linguistics: An Introduction*. Longman.
 12. Radford, A., M. Atkinson, D. Britain, H. Clahsen & A. Spencer. 1999. *Linguistics: An Introduction*. UK: Cambridge University Press.
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13. Sarkar, Pabitra. 2006. *ba,,la bYakrN pās̄*. Kolkata: Dey's Publishing.
 14. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Morphology (Modules 3 & 4)

Module 3 25 Marks No. of Classes 25

Relationship between phonology and morphology; Definition of Morph – Morpheme – Allomorph; Morphophonemics; Morphophonemic alternations; Classification of morphemes: Free-

Bound, Root, Stem, Affixes, Inflectional, Derivational, Reduplicative, Replative, Unique; Different kinds of allomorphs; Identification of morphemes; Conditioning: Phonological and Morphological conditioning; Base form; Morphological processes : Affixation, Reduplication, Suppletion, Zero modification, Internal change; Paradigmatic – Syntagmatic relationship.
Exercises on morphological problems.

Module 4 25 Marks No. of Classes 25

Relationship between morphemes and words; Simple, Complex and Compound words; Closed - Open class; Words – Lexemes – Orthographic words; Word-formation processes; Parts of Speech; Grammatical categories: Gender, Number, Person, Case and Tense, Aspect, mood; Infinitive; Participle; Gerund.
Exercises on morphological problems.

BOOKS RECOMMENDED

1. Bauer, L. 1993. *English word-formation*. Cambridge University Press.
2. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
3. Gleason, H.A. 1955. *Workbook in Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
5. Harris, Z.S. 1951. *Methods in Structural Linguistics*. Chicago: University of Chicago Press. (Reprinted as *Structural Linguistics*, 1961).
6. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian edn: Calcutta, New Delhi: Oxford & IBH).
7. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
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8. Matthews, P.H. 1974. *Morphology: An Introduction to the Theory of Word Structure*. London & New York: Cambridge University Press.
9. Nida, E.A. 1949 (2nd ed). *Morphology, the descriptive analysis of words*. Ann Arbor: University of Michigan Press.
10. Sarkar, Pabitra. 2006. *ba,,la bYakrN pãs~*. Kolkata: Dey's Publishing.
11. Shaw, R. 1999. *saDarN Baxaib~ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper IV: CLASSIFICATION & SURVEY OF LANGUAGES
100 Marks

Module 1 25 Marks No. of Classes 25

Indo-European language family: Features of Proto Indo-European; Centum Satam classification; Description and features of major Indo-European languages: Greek, Germanic, Italic, Celtic, Hittite, Tocharian, Armenian, Albanian, Balto-Slavic and Indo-Iranian; Grimm's Law; Verner's Law; Grassmann's Law; Collitz's Law; Fortunatov's Law.

Module 2 25 Marks No. of Classes 25

Sino-Tibetan language family: Classification; Features; Description; Chinese; African languages: Bantu, Sudan, Hottentot, Bushman; Semito-Hamitic; Ural-Altai; Unclassified languages: Indian and worldwide.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Kolkata: Samskrita Pustak Bhandar. Revised edn. 2000. Samskrita Pustak Bhandar.
2. Banerjee, S.R. 1999. *संस्कृत बखत*. Kolkata: Samskrita Pustak Bhandar.
3. Lehmann, W.P. 1962. *Historical Linguistics: An Introduction*. Indian Edn, 1968. Oxford & IBH Publishing Co.
4. Majumdar P.C. 1997. *प्राचीन भाषा : ऐतरेय पत्र*. Kolkata: Paschimbanga Bangla Akademi.
5. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).

Module 3 25 Marks No. of Classes 25

Four major language families of India.
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Dravidian: Classification and characteristics of the Dravidian languages and brief notes on them.

Austro-Asiatic: Classification and characteristics of the Austro-Asiatic languages and brief notes on them.

Tibeto-Burman: Classification and characteristics of the Tibeto-Burman languages and brief notes on them.

Module 4 25 Marks No. of Classes 25

Indo-Aryan: Features and documents of different stages of Indo-Aryan; Inner –Outer theory; Classification and geographical distribution of the New Indo-Aryan languages; Brief notes on

different NIA languages.

BOOKS RECOMMENDED

1. Bh. Krishnamurty. 2003. *The Dravidian Languages*. Cambridge: Cambridge University Press.
2. Cardona, George & Dhanesh Jain (eds). 2003. *The Indo-Aryan Languages*. London/ New York: Routledge.
3. Chatterji, S.K. 1963. *Languages and Literatures of Modern India*. Calcutta: Bengal Publishers.
4. Grierson, G.A. 1927. Linguistic Survey of India. Vol. I Part I. Ed. by Siddheswar Verma. Delhi: Motilal Banarsidass.
5. Majumdar, P.C. 1994. *śāstra w pākāt Baxar ojmibkaS*. Kolkata: Dey's Publishing.
6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pāse*. Kolkata: Dey's Publishing.
7. Masica, Collin. P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press. 1993.
8. Sen, Sukumar. 1993. *Baxar t̄itbā¹*. Kolkata: Ananda Publishers. Reprinted 1998.
9. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper V: SYNTAX & SEMANTICS 100 Marks

Module 1 25 Marks No. of Classes 25

The study of grammar: types of grammar; Definition and types of meaning; Defining syntax and semantics: boundaries of syntax and semantics; Defining pragmatics; Relationship between semantics and pragmatics.

Module 2 25 Marks No. of Classes 25

Sense and reference: differences and interrelations; Lexical sense relations: relationship of similarity, opposition and inclusion: synonymy, opposites, hyponymy, homonymy, polysemy, *Revised Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010 9*

meronymy; Lexical Ambiguity; Collocation and field; A brief introduction to Linguistic relativity.

BOOKS RECOMMENDED

1. Azad, Humayun. 1999. *AāTib̄ an*. Dhaka: Agami Prakashan.
2. Bhattacharya, Bijan Bihari. 1977. *bagāT*. Kolkata: Jignasa.
3. Das, Ramaprasad. 1995. *Sx w AāT : SxaeàTr dSā n*. Kolkata: Ananda Publishers Pvt. Ltd.
4. Dey, Asoke Kumar. 1995. *ŠitHaisk SxaeàTt'Ô*. Kolkata: Tridip Publishers.
5. Cruse, A. 1986. *Lexical Semantics*. Cambridge: Cambridge

University Press.

6. Leech, G. 1974. *Semantics*. Cambridge: Cambridge University Press.

7. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.

8. Lyons, J. 1995. *Linguistic Semantics*. Cambridge: Cambridge University Press.

9. Palmer, F. R. 1981. *Semantics*. Cambridge: Cambridge University Press.

10. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.

11. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

12. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.

Module 3 25 Marks No. of Classes 25

Immediate Constituent analysis: constituent, immediate constituent, ultimate constituent, constitute, construction, labelled bracketing; Limitations of IC analysis; Structural versus Generative grammar; Three types of generative grammar: Finite State grammar, Phrase Structure grammar and Transformational grammar; PS grammar and its limitations.

Module 4 25 Marks No. of Classes 25

Chomskyan revolution; Transformational generative grammar: its aims and objectives; Development of generative grammar; '57 model; '65 model: Competence-Performance, Deep structure-Surface structure, PS rule- Transformational rule, Adequacy, Meaning, Lexicon, Tree diagram; A glimpse of major transformations: Negative, Question, Passive.

BOOKS RECOMMENDED

1. Azad, Humayun. 1994. *bakYt'Ô*. Dhaka: Bangla Academy. (1st pub. 1984).

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2. Chaki, Jyotibhushan. 1995. *ba,,la Baxar bYakrN*. Kolkata: Ananda Publishers Pvt. Ltd.

3. Chakraborty, Udaykumar. 1992. *ba,,la baekYr pdše-Cr s,,gfn*. Kolkata: Prama Prakashani.

4. Chakraborty, Udaykumar. 1998. *s,,btà nl ba,,la bYakrN*. Kolkata: Ananda Publishers Pvt. Ltd.

5. Das, Sisir Kumar. 1992. *Baxa ij̄ asa*. Kolkata: Papyrus.

6. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.

7. Lyons, J. 1970. *Chomsky*. London: Fontana Press.
8. Radford, A. 1988. *Transformational Grammar: A first course*. Cambridge: Cambridge University Press.
9. Sarkar, Pabitra. 2006. *ba„la bYakrN pãś*. Kolkata: Dey's Publication.
10. Yule, G. 1987. *The Study of Language*. Cambridge: Cambridge University Press.

Paper VI: INDO-ARYAN LINGUISTICS 100 Marks

Module 1 25 Marks No. of Classes 25

The origin and homeland of Indo-European; Characteristics of Indo-European; Classification of Indo-European; Development of Indo-Aryan as a member of Indo-European; Characteristics of Indo-Aryan languages.

Module 2 25 Marks No. of Classes 25

Stages of Old Indo-Aryan; Vedic versus Classical Sanskrit; Characteristics of Old Indo-Aryan; Old Indo-Aryan Phonology: Vowel, Consonant, Diphthong, Accent, Sandhi; Old Indo-Aryan Morphology: Noun, Pronoun, Verb, Numeral.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised edn. 2000).
2. Banerjee, S.R. 1999. *s„ôât Baxat*¹Ô. Calcutta: Samskrita Pustak Bhandar.
3. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
4. Murti, M. Srimannarayana. 1984. *An Introduction to Sanskrit Linguistics*. Delhi: D.K. Publications.
5. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.
6. Majumdar, P.C. 1994. *s„ôât w pãakát Baxar* °jmibkaS. Kolkata: Dey's Publishing.

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Module 3 25 Marks No. of Classes 25

Stages of Middle Indo Aryan; Classification of Middle Indo Aryan languages; Characteristics of Middle Indo Aryan languages; Middle Indo Aryan Phonology: Vowel, Consonant, Diphthong, Accent, Sandhi; Middle Indo Aryan Morphology: Noun, Pronoun, Verb, Numeral.

Module 4 25 Marks No. of Classes 25

Emergence of New Indo Aryan; Classification and Geographical distribution of New Indo Aryan languages; Characteristics of New

Indo Aryan; New Indo Aryan Phonology: Vowel, Consonant, Diphthong, Sandhi; New Indo Aryan Morphology : Noun, Pronoun, Verb, Numeral; New Indo Aryan Syntax.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDUink t'Ô w †itkTa*. Kolkata: Puthipatra.
2. Chatterji, S.K. 1926. *The Origin and Development of the Bengali Language*. Calcutta: Calcutta University Press. (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.)
3. Chatterji, S.K. 1960 . *Indo-Aryan and Hindi* . Calcutta : Firma K.L.M.
4. Majumdar, P.C. 1994. *s,,ôât w pâakât Baxar °imibkaS*. Kolkata: Dey's Publishing.
5. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi. Delhi: Motilal Banarsidass.
6. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
7. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper VII – VIII (One of the four groups –A, B, C and D- to be taken)

Group A: OLD AND MIDDLE INDO-ARYAN LINGUISTICS

Paper VII: OLD INDO-ARYAN 100 Marks

Module 1 25 Marks No. of Classes 25

Indo-European and its relation with Old Indo-Aryan; Emergence of Old Indo-Aryan ; Old Indo-Aryan as a member of Indo-Iranian language family ; Old Indo-Aryan dialects.

Module 2 25 Marks No. of Classes 25

Old Indo-Aryan Phonology: Development of OIA monophthongs, diphthongs and consonants; OIA Sandhi, Accent and Ablaut systems.

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BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.
4. Chatterji, S.K. 1926. *The Origin and Development of the*

- Bengali Language*. Calcutta: Calcutta University Press, (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.).
5. Macdonell, A.A. 1915. *A Vedic Grammar for Students*. (Reprinted Indian Edition, New Delhi: Cambridge University Press).
6. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
7. Sen, Sukumar. 1993. *Baxar †itbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).
9. Whitney, W.D. 1965. *A Sanskrit Grammar*. Delhi: Motilal Banarsidass. (1st published in 1896).

Module 3 25 Marks No. of Classes 25

Old Indo-Aryan Morphology: Nouns, Adjectives, Numerals, Verbs; OIA Compounds; A general outline of OIA Declension and Conjugation.

Module 4 25 Marks No. of Classes 25

OIA Texts: English Translation or Sanskrit Rendering, Linguistic notes; Agni, Indra, Pusan, Devi from Chatterjee, K.C. (ed.) 1969. *Vedic Selections*. Calcutta: University of Calcutta.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *s,,ôât Baxat¹Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Bloch, J. 1965. *Indo-Aryan, from the Vedas to Modern times*. (English translation by Alfred Master) Paris: Adrien – Maisonneuve.
4. Chatterji, S.K. 1926. *The Origin and Development of the Bengali Language*. Calcutta: Calcutta University Press, *Revised Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010 13* (1970. Reprinted by G. Allen and Unwin Ltd. London, 1993. Calcutta : Rupa and Co.).
5. Macdonell, A.A. 1915. *A Vedic Grammar for Students*. (Reprinted Indian Edition, New Delhi: Cambridge University Press).
6. Misra, S.S. 1968. *A Comparative Grammar of Sanskrit, Greek and Hittite*. Calcutta: World Press.
7. Sen, Sukumar. 1993. *Baxar †itbâ¹*. Kolkata: Ananda

Publishers. Reprinted 1998.

8. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. (Revised Edn. 1962).

9. Whitney, W.D. 1965. *A Sanskrit Grammar*. Delhi: Motilal Banarsidass. (1st published in 1896).

Paper VIII: MIDDLE INDO-ARYAN 100 Marks

Module 1 25 Marks No. of Classes 25

Emergence of Middle Indo Aryan; Stages and Development of Middle Indo Aryan dialects; Vedic elements in Middle Indo Aryan; A brief introduction to the Pali language; Comparison between Pali and Prakrit; Pali versus Vedic Sanskrit; Salient linguistic features of MIA dialects (Maharastri, Sauraseni, Magadhi, Ardha-Magadhi, Paisaci).

Module 2 25 Marks No. of Classes 25

Middle Indo Aryan phonology: Treatment of OIA vowels, consonants, diphthongs in MIA; Types of MIA conjuncts; Syntagmatic changes in MIA; Effects of OIA accent in MIA; MIA ablaut.

BOOKS RECOMMENDED

1. Barua, D.L. 1956. *Pali Grammar*. Kolkata: R.P. Mitra & Son.
2. Jha, M. 1967. *Magadhi and its formation*. Calcutta: Sanskrit College Research Publication.
3. Majumdar, P.C. 1994. *s,ôât w pākāt Baxar °imibkaS*. Kolkata: Dey's Publishing.
4. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi. Delhi: Motilal Banarsidass.
5. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
6. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
7. Woolner, A.C. 1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).
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Module 3 25 Marks No. of Classes 25

Middle Indo Aryan Morphology: MIA nominals, pronouns and adjectives; Development of OIA Verbal system in MIA; A general outline of MIA Declension and Conjugation.

Module 4 25 Marks No. of Classes 25

MIA Texts: English Translation or Sanskrit Rendering, Linguistic notes; Extract Nos. 4, 10, 15, 22, 30 and 33 from Woolner, A.C.

1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).

BOOKS RECOMMENDED

1. Barua, D.L. 1956. *Pali Grammar*. Kolkata: R.P. Mitra & Son.
2. Jha, M. 1967. *Magadhi and its formation*. Calcutta: Sanskrit College Research Publication.
3. Majumdar, P.C. 1994. *संज्ञातं व पाकृतं बखार ०िमिका*. Kolkata: Dey's Publishing.
4. Pischel, R. 1957. *A Grammar of the Prakrit Language*. Delhi. Delhi: Motilal Banarsidass.
5. Sen, Sukumar. 1960. *Comparative Grammar of Middle Indo-Aryan*. Poona: Deccan College.
6. Shaw, R. 1999. *सादरं बखायिबं अनं व बा,लाबखा*. Kolkata: Pustak Vipani.
7. Woolner, A.C. 1975. *Introduction to Prakrit*. Delhi: Motilal Banarsidass. (1st published in 1928).

Group B: OLD IRANIAN LINGUISTICS

Paper VII: AVESTAN 100 Marks

Module 1 25 Marks No. of Classes 25

Indo-Iranian: An off-shoot of Indo-European language family; A brief history of Indo-Iranian languages; Linguistic features of Indo-Iranian

Language family; A brief description of Old Iranian languages: Avestan and Old Persian; Avestan literature; Ahura – Daeva words

Module 2 25 Marks No. of Classes 25

Avestan Phonology: Treatment of OIA vowels, diphthongs, consonants and clusters in the Avestan language; A comparison between Avestan and the Vedic language; Bartholomae's law.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
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2. Banerjee, S.R. 1999. *संज्ञातं बखारतं*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Module 3 25 Marks No. of Classes 25

Avestan Morphology: A general outline of Avestan morphology; Declension of Avestan Nouns and Pronouns; Conjugation of Avestan Verbs; Avestan compounds.

Module 4 25 Marks No. of Classes 25

Avestan Text: English Translation or Sanskrit Rendering, Linguistic notes; Haoma Yast. Dutt, C. 1973. *Selections from Avestan and Old Persian*. Calcutta : World Press .

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *सं,ôát Baxat¹Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Paper VIII: OLD PERSIAN 100 Marks**Module 1 25 Marks No. of Classes 25**

A brief outline of Old Persian language; Dialectal divergence of Old Persian language.

Module 2 25 Marks No. of Classes 25

Old Persian Phonology: Treatment of OIA vowels, diphthongs, consonants and clusters in Old Persian language; A comparison between Old Persian and Middle Indo-Aryan; Old Persian versus Classical Sanskrit.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
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2. Banerjee, S.R. 1999. *सं,ôát Baxat¹Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Kent, R.G. 1953. *Old Persian*. New Haven, Connecticut: American Oriental Society.
4. Sen, S. 1941. *Old Persian Inscriptions of the Achaemenian Emperors*. Calcutta: Calcutta University Press.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Module 3 25 Marks No. of Classes 25

Old Persian Morphology: A general outline of Old Persian morphology; Declension of Old Persian Nouns and Pronouns; Conjugation of Old Persian Verbs; Old Persian compounds.

Module 4 25 Marks No. of Classes 25

Old Persian Text: English Translation or Sanskrit Rendering, Linguistic notes; Inscriptions of Darius, Behistan Column I. Dutt, C. 1973. *Selections from Avestan and Old Persian*. Calcutta: World Press.

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Calcutta: Sanskrit Pustak Bhandar. (Revised Edn. 2000).
2. Banerjee, S.R. 1999. *sa,ôât Baxat'Ô*. Calcutta: Samskrita Pustak Bhandar.
3. Jackson, A.W.V. 1892. *An Avesta Grammar in Comparison with Sanskrit*. Stuttgart : Kohlammer.
4. Misra, S.S. 1979. *The Avestan: A Historical and Comparative Grammar*. Varanasi: Chaukhamba.
5. Taraporewala, I.J.S. 1922. *Selections from Avestan and Old Persian*. Part 1. Calcutta: Calcutta University Press.

Group C: BENGALI LINGUISTICS

Paper VII: A DIACHRONIC STUDY OF THE BENGALI LANGUAGE 100 Marks

Module 1 25 Marks No. of Classes 25

Origin of Bengali; Bengali as a Magadhan language; Comparison of Bengali and other Eastern Magadhan languages; Bengali as a New Indo Aryan language.

Module 2 25 Marks No. of Classes 25

Stages of Bengali; Documents of different stages; Linguistic studies on Old and Middle Bengali; Linguistic features of Modern Bengali.

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April 2010 17*

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w †itkTa*. Kolkata: Puthipatra.
2. Beames, J. 1872-79. *A Comparative Grammar of the Modern Aryan Languages of India*. 3 vols. London.
3. Chatterji, S.K. 1974 (8th ed). *ba,,la Baxate'Ôr BUimka*. Calcutta: Calcutta University Press.
4. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
5. Majumdar, P.C. 2003-04. *ba,,la Baxa pir'jma* . 2 vols. Kolkata: Dey's Publishing.

6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse~*. Kolkata: Dey's Publishing.
7. Masica, C.P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press.
8. Sen, S.K. 1971. *Proto New Indo-Aryan*. Calcutta: Eastern Publishers.
9. Sen, Sukumar. 1993. *Baxar řitbã¹* . Kolkata: Ananda Publishers. Reprinted 1998.
10. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks No. of Classes 25

Development of Bengali sounds; Phonological processes in the development of Bengali language; Diachronic study on Bengali Gender, Number, Case, Verb system.

Module 4 25 Marks No. of Classes 25

Old Bengali and Middle Bengali texts: translation and linguistic notes:

- i) Old Bengalo texts: Pada Nos. 1, 5, 6, 8 & 10 from Sen, Sukumar. *cZà aglit pdabll* . Calcutta: Eastern Publishers.
- ii) Early Middle Bengali texts: b,,SIK": Ýk na bafiS ba... bRaiy kailnl nřk™el... ; ... Dn ÝZObn bRaiy sb%o Vsar... ; kaeHjr taÜul raDa idelaf Ýtar HaeT... Basantaranjan Bidyaballabh. c"l daesr Sãlkãx—kltà n.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w řitkTa*. Kolkata: Puthipatra.
2. Beames, J. 1872-79. *A Comparative Grammar of the Modern Aryan Languages of India*. 3 vols. London. *Revised Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010 18*
3. Chatterji, S.K. 1974 (8th ed). *ba,,la Baxate¹Ôr BUimka*. Calcutta: Calcutta University Press.
4. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
5. Majumdar, P.C. 2003-04. *ba,,la Baxa pir°jma* . 2 vols. Kolkata: Dey's Publishing.
6. Majumdar, P.C. 1995. *VDuink Bartly Baxa pãse~*. Kolkata: Dey's Publishing.
7. Masica, C.P. 1991. *The Indo-Aryan Languages*. Cambridge: Cambridge University Press.
8. Sen, S.K. 1971. *Proto New Indo-Aryan*. Calcutta: Eastern

Publishers.

9. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.

10. Shaw, R. 1999. *saDarN Baxaib⁻ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Paper VIII: A SYNCHRONIC STUDY OF THE BENGALI LANGUAGE 100 Marks

Module 1 25 Marks No. of Classes 25

Bengali sound system: Vowel, Consonant, Diphthong, Syllable, Cluster pattern, Supra-segmental features.

Module 2 25 Marks No. of Classes 25

Phonological processes; Sandhi system; Word-formation processes; Nature and Type of Formative Affixes; Compound formation.

BOOKS RECOMMENDED

1. Bhattacharya, K. 1988. *Bengali Phonetic Reader*. Mysore: CIIL. Reprint 1999.

2. Bhattacharya, K. 1993. *Bengali-Oriya Verb Morphology: A Contrastive Study*. Calcutta: Dasgupta.

3. Bykova, E.M. 1981. *The Bengali Language*. Moscow: Nauka.

4. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London: School of Oriental Studies.

5. Chatterji, S.K. 1988. *Baxa pãkaS ba~ala bYakrN*. Calcutta: Rupa.

6. Majumdar, P.C. 2003-04. *ba,,la Baxa pir^oıma*. 2 vols. Kolkata: Dey's Publishing.

7. Ray, P.S. et al. 1966. *Bengali Language Handbook*. Washington D C: Centre for Applied Linguistics.

8. Sarkar, Pabitra. 2006. *ba,,la bYakrN pãs~*. Kolkata: Dey's Publishing.

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9. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.

10. Shaw, R. 1999. *saDarN Baxaib⁻ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks No. of Classes 25

Synchronic study on Bengali Declensional and Conjugational pattern; Syntactic pattern in Bengali; Bengali dialects and vocabulary.

Module 4 25 Marks No. of Classes 25

Studies on Linguistic observation by distinguished personalities: any four from the following:

- i) ba~la Baxa: Chatterjee, Bankimchandra. 1983. bi^akm rcnabll. Vol. II. Kolkata: Pascim Bangga Rajya Pustak Parsad. 339-344.
- ii) ba~ala bYakrN: Haraprasad Shastri. 1981. Hrpāsad Saó½l rcna s,,gāH . Vol.II.
- iii) ba~ala Baxa: Swami Vivekananda. Bengali Year 1358 (9th ed). Babbar kTa. Kolkata: Udvodhan.
- iv) Baxar †ĩt: Tagore Rabindranath. 1961. Sxt¹Ô, rblÆÅ rcnabll Vol. XIV. Kolkata: Govt. of West Bengal.
- v) ba,,la Baxa pircy (passage 14): Tagore Rabindranath. 1961. rblÆÅ rcnabll .Vol. XIV. Kolkata: Govt. of West Bengal.
- vi) ba~ala ká† w tiÁt: Tribedi Ramendrasundar. 1985. Nirmalendu Bhaumik (ed). raemÆÅ rcna-s,yn. Kolkata: Modern Book Agency.
- vii) saDuBaxa bnam ciltBaxa: Chaudhuri Pramatha. 2000. pābÉ s,,gāH. Visva Bharati.
- viii) Vmaedr Baxa s,,kF: Chaudhuri Pramatha. 2000. pābÉ s,,gāH. Visva Bharati.

BOOKS RECOMMENDED

1. Bhattacharya, P.C. 1976. ba,,la Baxa. Kolkata: Jijnasa.
 2. Bhattacharya, S. 2006. Baxa w oSll. Kolkata: Bangiya Sahitya Samsad.
 3. Bykova, E.M. 1981. *The Bengali Language*. Moscow: Nauka.
 4. Chakrabarty, U. 1992. ba,,la baekYr pdše-Cr s,,gfn. Kolkata: Prama.
 5. Chatterji, S.K. 1979. *The Origin and Development of the Bengali Language*. Calcutta: Rupa.
 6. Chatterji, S.K. 1988. Baxa pākaS ba~ala bYakrN. Calcutta: Rupa.
- Revised Syllabus for the 3-Year Honours Course of Studies in Linguistics April 2010 20*
7. Dasgupta P. 1987. kTar i⁰iyakmà . Kolkata: Dey's Publishing.
 8. Majumdar, P.C. 2003-04. ba,,la Baxa pir⁰ima . 2 vols. Kolkata: Dey's Publishing.
 9. Sen, Sukumar. 1993. Baxar †itbâ¹ . Kolkata: Ananda Publishers. Reprinted 1998.
 10. Shaw, R. 1999. saDarN Baxaib⁻ an w ba,,laBaxa. Kolkata: Pustak Vipani.

Group D: APPLIED LINGUISTICS

**Paper VII: LANGUAGE TEACHING-
LEXICOGRAPHY/SOCIOLINGUISTICS-
FIELD LINGUISTICS 100 Marks**

Module 1 25 Marks No. of Classes 25

A brief introduction to Language Teaching: Scope and Purpose; and Linguistics and Language teaching; Methods: Grammar-Translation method, Direct method, Audio-Visual method, Eclectic method, Communicative Approach; Four Different Language Skills: Listening, Speaking, Reading, Writing; Pattern Practice; Vocabulary Teaching; Testing Language Proficiency; Technological aids: Language laboratory.

Module 2 25 Marks No. of Classes 25

A brief introduction to Lexicography: Definition, Scope and Purpose; Lexicography and Linguistics; Lexicography and Lexicology; Types of Dictionaries; Meaning and its relationship to forms; Dictionary Entry: Planning, Construction and Editing; Relevance of Notation and Format.

BOOKS RECOMMENDED

1. Bejoint, H. 2000. *Modern Lexicography*. Oxford: Oxford University Press.
2. Cook, Vivian. 2001. *Second Language Learning and Language Teaching*. London: Arnold.
3. Corder, S. Pit. 1973. *Introducing Applied Linguistics*. Harmondsworth: Penguin.
4. Halliday, M.A.K. et al. 1964. *The Linguistics Sciences and Language Teaching*. London: Longman.
5. Lado, R. 1964. *Language Teaching – A Scientific Approach*. New York: McGraw-Hill.
6. Singh, R.A. 1982. *An Introduction to Lexicography*. Mysore: CIIL.
7. Ur, P. 1996. *A Course in Language Teaching*. Cambridge: Cambridge University Press.
8. Zugusta, L. 1971. *Manual of Lexicography*. The Hague: Mouton.

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Module 3 25 Marks No. of Classes 25

A brief introduction to Sociolinguistics: Definition and Scope; Language variation; Social dialect; Standard language; Speech community; Register; Lingua franca; Bilingualism: Code, Code switching and Code mixing; Multilingualism; Classical diglossia; Linguistic identity.

Module 4 25 Marks No. of Classes 25

A brief introduction to Linguistic Fieldwork: Relevance and Application; Purposes of linguistic fieldwork; Basic concepts of linguistic fieldwork: Informant, Community, Investigator, Questionnaire, Corpus, Elicitation techniques; Equipment used for fieldwork; Transcription.

BOOKS RECOMMENDED

1. Abbi, Anvita. 2001. *A Manual of Linguistic Field Work and Structure of Indian Languages*. Muenchen: Lincom Europa.
2. Hudson, R.H. 2003. *Sociolinguistics*. Cambridge: Cambridge University Press. (1st pub. 1980.)
2. Nath, M. 1989. *smajBaxaib̄ aenr roeperKa*. Dhaka: Bangladesh Bhasha Samiti.
3. Nath, M. 1999. *Baxa w smaj*. Calcutta: Naya Udyog.
4. Samarin, W. 1967. *Field Linguistics: A Guide to Linguistic Fieldwork*. New York: Holt, Rinehart and Winston.
5. Trudgill, P. 2000. *Sociolinguistics: An Introduction to Language and Society*. Harmondsworth: Penguin. (1st pub. 1974).
6. Wardhaugh, R. 2002. *An Introduction to Sociolinguistics*. Oxford: Blackwell. (1st pub. 1986).

**Paper VIII: COMPUTATIONAL LINGUISTICS 100 Marks
Module 1 25 Marks No. of Classes 25**

Language, Linguistics and Computer; Computational Linguistics: Historical background, Goal, Scope and Methodology; Computational Linguistics and Artificial Intelligence; Computational Linguistics and Cognitive Science; Machine learning; Information representation.

Module 2 25 Marks No. of Classes 25

History of computing: Analog computer and Digital computer; Structure of computer: Hardware, Software; Function of computer: Controlling unit, Architecture, Memory, Input-Output device,
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Multitask, Multiprocessing; Computer programming; Computer languages.

BOOKS RECOMMENDED

1. Eck, David J. 2000. *The Most Complex Machine: A Survey of Computers and Computing*. A.K. Peters Ltd.
2. Hughes, Agatha C. 2000. *System Experts and Computers*. Mass: MIT Press.
3. Mitkov, Ruslan. 2003. *The Oxford Handbook of*

Computational Linguistics. Oxford:Oxford University Press.

4. Mukhopadhyay, A.K. & A. Das. 2004-05. Computer Application (for Commerce & Arts Students). Vols. I & .II combined. Kolkata: Kalimata Pustakalaya.
5. Souter, C. & E. Atwell. (eds.) 1993. Corpus Based Computational Linguistics. Amsterdam: Rodopi.
6. Winograd, Terry. 1972. Understanding Natural Language. New York: Academic Press.

Module 3 25 Marks No. of Classes 25

Corpus linguistics: History, Goal and Scope; Corpus typology: Text corpus, Speech corpus, Monolingual corpus, Bilingual corpus, Trilingual corpus, Annotated corpus, Non-annotated corpus, Learner corpus, Monitor corpus, Multimodal corpus, National corpus and others; Corpus generation; Corpus processing; Application of corpora in Theoretical, Descriptive and Applied linguistics.

Module 4 25 Marks No. of Classes 25

An overview of current fields of research: Machine translation (MT); Speech processing; Text-to-speech conversion; Computational lexicography; Word sense disambiguation; Optical character recognition (OCR); Spelling checking; WordNet; Computer assisted language teaching (CALT).

BOOKS RECOMMENDED

1. Bharati, Aksar, Vineet Chaitanya & Rajeev Sangal. 1995. Natural Language Processing: A Paninian Perspective. New Delhi: Prentice-Hall.
 2. Dash, N.S. 2008. Corpus Linguistics: An Introduction. New Delhi: Pearson Longman.
 3. Fellbaum, Christian (ed.) 1998. WordNet: An Electronic Lexical Database. Mass: MIT Press.
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4. Hutchins, W.J. 1986. Machine Translation: Past, Present, Future. Chichester: Ellis Harwood.
 5. Kennedy, Graeme. 1998. An Introduction to Corpus Linguistics. London: Addison-Wesley Longman.
 6. McEnery, Tony & Andrew Wilson. 1996. Corpus Linguistics. Edinburgh: Edinburgh University Press.
 7. Ooi, Vincent, B.Y. 1997. Computer Corpus Lexicography. Edinburgh: Edinburgh University Press.
-

Question pattern and distribution of marks for
B.A. (Gen. and Hons.) in Linguistics in the
syllabus.

B.A. (Hons) Papers 1, 2, 3, 4, 5, 6 and Gr. D 7 & 8

- a) **6** Short questions (out of 10) 6x6
Covering all four modules.
- b) **4** Essay type questions (out of 8) 16x4
2 from each module. The students have to answer one
question from each module.

**B.A. (Hons) Papers with texts, viz., papers 7 & 8 of
Grs. A, B and C**

- a) **3** Short questions (out of 6) 5x3
Covering modules 1, 2 and 3.
- b) **4** Essay type questions (out of 6) 15x4
2 from each module, viz., modules 1, 2 and 3. The students
have to answer at least one question from each module.
- c) Module 4: Text: Translation/ rendering 5x3
Linguistic notes 2x5 (2 from
each text. The students have to answer 2 from each text
attempted.)

B.A. (Gen) Papers 1, 2, 3 and 4

- a) **10** Questions (out of 15) each carrying 2x10
Covering all 4 modules.
- b) **2** Short questions (out of 4) 8x2
Covering all modules
- c) **4** Essay type questions (out of 8) 16x4
2 from each module. The students have to answer one
question from each module.
-

Revised Syllabus for the Three-Year B.A. General Course of Studies in Linguistics

Paper I: GENERAL LINGUISTICS & PHONETICS

100 Marks

General Linguistics (Module 1 & 2)

Module 1 25 Marks

No. of Classes 25

Definition of Linguistics; Branches of Linguistics; Definition of language; Characteristics of language; Methods applied in linguistics: Synchronic, Diachronic and Panchronic studies of language; Language variation; Types of language: Spoken, Written, Natural, Artificial, Mixed language; Definition of dialect; Types of dialect; Standardization.

Module 2 25 Marks

No. of Classes 25

Language and culture; Language and mind; Language and society; Directions and causes of linguistic change; Definition of analogy; Types of analogy; Results of analogy; Definition of borrowing; Types of borrowing; Results of borrowing.

BOOKS RECOMMENDED

1. Sen, Sukumar. 1993. *Baxar fitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
2. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
3. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.

Phonetics (Module 3 & 4)

Module 3 25 Marks

No. of Classes 25

Definition of Phonetics; Branches of Phonetics: Utility of Phonetics; Speech sounds; Organs of speech and their utility; States of glottis; Difference between Vowels and Consonants; Difference between Transcription and Transliteration.

Module 4 25 Marks

No. of Classes 25

Definition of vowel; Classification of vowels; Definition of consonant; Classification of consonants; Cardinal vowels; Oral and Nasal vowels; Definition of Diphthong; Classification of diphthongs; Definition of Syllable; Types of syllables; Types of suprasegmentals: Stress, Pitch, Intonation, Tone, Length, Juncture.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w fitkTa*. Kolkata: Puthipatra.
2. Chatterji, S.K. 1928. *A Bengali Phonetic Reader*. London: University of London. 1986. Kolkata: Rupa & Co.

3. Jones D. 19 60. *An Outline of English Phonetics*. Cambridge: Heffer & Sons.

Paper II: Levels of Linguistic Analysis

100 Marks

Module 1 25 Marks

No. of Classes 25

Phonetics and Phonology: Relationship between Phonetics, Phonemics and Phonology; Definition of Phone – Phoneme – Allophone; Environments: Initial, Medial, Final; Identification of phonemes: Phonetic similarity, Suspicious pair, Minimal pair, Contrast, Free variation, Complementary distribution.

Module 2 25 Marks

No. of Classes 25

Morphology: Relationship between Phonology and Morphology; Morphophonemics; Definition of Morph, Morpheme, Allomorph; Types of morphemes & allomorphs: Free-Bound, Unique, Reduplicative, Replacive, Suppletive, Zero, Root, Stem, Affixes, Inflectional, Derivational.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w řitkTa*. Kolkata: Puthipatra.
2. Bauer, L. 1993. *English word-formation*. Cambridge University Press.
3. Bloch, B. and Trager, G. 1942. *Outlines of Linguistic Analysis*. 1972. New Delhi: Orient Reprint.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
5. Hai, M.A. 1985. *DÔinib̄ an w ba,,la DÔint'Ô*. . Reprint Dhaka: Mullick Brothers.
6. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian edn: Calcutta, New Delhi: Oxford & IBH).
7. Pike, K.L. 1947. *Phonemics*. Ann Arbor : The University of Michigan Press .
8. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.

Module 3 25 Marks

No. of Classes 25

Relationship between morphemes and words; Simple, Complex and Compound words; Words – Lexemes – Orthographic words; Closed -Open class; Parts of Speech; Grammatical categories; Phrases; Clauses; Types of Sentences; Immediate Constituent Analysis: Labelled and Bracketed structure, Limitations.

Module 4 25 Marks

No. of Classes 25

Semantics; Definition of Meaning; Change of meaning; Causes of Semantic change; Types of semantic change: Expansion,

Contraction, Transfer, Elevation, Degeneration; Lexical relations: Synonymy, Antonymy, Hyponymy, Homonymy, Homophony, Polysemy; Ambiguity: Lexical, Structural.

BOOKS RECOMMENDED

1. Azad, Humayun. 1984. *bakYfÔ*. Dhaka: University of Dhaka. 1994. 2nd ed.
2. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
3. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian Edn: Calcutta, New Delhi: Oxford & IBH).
4. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
5. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
6. Yule, G. 1985. *The Study of Language*. Cambridge University Press.

Paper III: CLASSIFICATION & SURVEY OF LANGUAGES

100 Marks

Module 1 25 Marks

No. of Classes 25

Principles of language classification: Genealogical, Typological, Geographical; Language family; Cognate language; Proto Language; Comparative Method .

Module 2 25 Marks

No. of Classes 25

A brief sketch of Indo- European Language family; classification: Centum-Satam; Distribution of Indo-European languages;; Phonetic laws : Grimm's law , Verner's law , Grassmann's law , Collitz's law .

BOOKS RECOMMENDED

1. Banerjee, S.R. 1987. *A Handbook of Sanskrit Philology*. Kolkata: Samskrita Pustak Bhandar. Revised edn. 2000. Samskrita Pustak Bhandar.
2. Lehmann, W.P. 1962. *Historical Linguistics: An Introduction*. Indian Edn. 1968. Oxford & IBH Publishing Co.
3. Majumdar, P.C. 1997. *pâiTblr Baxa: řeÆda-ř⁻eraply pâs⁻*. Calcutta: Paschim-Banga Bangla Akademi.
4. Sen, Sukumar. 1993. *Baxar řitbâ¹*. Kolkata: Ananda Publishers. Reprinted 1998.
5. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
6. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.

Module 3 25 Marks No. of Classes 25

Four major language families of India.

Dravidian language family: Classification and Geographical distribution; A brief sketch of a few major languages of this family.

Austro-Asiatic language family: Classification and Geographical distribution; A brief sketch of a few major languages of this family.

Tibeto-Burman language family: Classification and Geographical distribution; Brief notes on a few major languages of this family.

Module 4 25 Marks No. of Classes 25

Indo-Aryan language family : Chronological development: Old Indo-Aryan, Middle Indo-Aryan, New Indo-Aryan; Emergence of Bengali and other NIA languages; Classification and Geographical distribution of NIA languages; Brief notes on a few major languages of this family.

BOOKS RECOMMENDED

1. Chatterji, S.K. 1963. *Languages and Literatures of Modern India*. Calcutta : Bengal Publishers.
2. Grierson, G.A. 1927. *Linguistic Survey of India*. Vol. I Part I. Ed. by Siddheswar Verma. Delhi: Motilal Banarsidass.
3. Majumdar, P.C. 1994. *সংস্কৃত বাসার ঐতিহাস*. Kolkata: Dey's Publishing.
4. Majumdar, P.C. 1995. *বাসার অংশ*. Kolkata: Dey's Publishing.
5. Sen, Sukumar. 1993. *Baxar itibâ* . Kolkata: Ananda Publishers. Reprinted 1998.
6. Taraporewala, I.J.S. 1931. *Elements of the Science of Language*. Calcutta: Calcutta University Press. Revised Edn. 1962.

Paper IV: GENERAL PRINCIPLES OF LINGUISTIC ANALYSIS 100 Marks

Module 1 25 Marks No. of Classes 25

A brief recapitulation of Phonology and Morphophonemics; Processes: Assimilation, Vowel Harmony, Dissimilation, Anaptyxis, Epenthesis, Prothesis, Apoptosis, Apharesis, Syncope, Apocope, Compensatory lengthening; Haplology, Metathesis, Rhotacism, Aspiration, Assibilation, Vocalisation, Palatalisation, Cerebralisation, Dentalisation, Labialisation, Nasalisation, Spirantisation, Glottalisation.

Module 2 25 Marks No. of Classes 25

A brief recapitulation of Morphology and Word-formation; Processes: Affixation, Reduplication, Internal Change, Zero modification, Suppletion, Coinage, Abbreviation, Acronym, Clipping, Blending, Neologism, Category change, Metaphorical

extension, Analogy, Borrowing, Back-formation, Derivation, Inflection.

BOOKS RECOMMENDED

1. Basu, D.N. 1975. *ba,,la Baxar VDuink t'Ô w fitkTa*. Kolkata: Puthipatra.
2. Bauer, L. 1993. *English word-formation*. Cambridge University Press.
3. Bloomfield, L. 1933. *Language*. New York: Holt, Rinehart & Winston.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.
5. Hai, M.A. 1985. *DÖinib̄ an w ba,,la DÖint'Ô*. . Reprint Dhaka: Mullick Brothers.
6. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian Edn: Calcutta, New Delhi: Oxford & IBH).
7. Sen, Sukumar. 1993. *Baxar fitbâ'* . Kolkata: Ananda Publishers. Reprinted 1998.
8. Shaw, R. 1999. *saDarN Baxaib̄ an w ba,,laBaxa*. Kolkata: Pustak Vipani.
9. Yule, G. 1985. *The Study of Language*. Cambridge University Press.

Module 3 25 Marks

No. of Classes 25

Study of grammar; It's aims and objectives; Types of grammar; Synchronic and diachronic grammar; Descriptive and Prescriptive grammar; Traditional vs. Structural grammar; Structural vs. Generative grammar; Generative grammar: Finite-state grammar, Phrase-Structure grammar, Transformational-Generative grammar; Universal grammar.

Module 4 25 Marks

No. of Classes 25

Evolution of script; Kharosthi script; Brahmi script; Kutila script; Devanagari script; Different stages of writing; Syllabic writing; Alphabetic writing; Relationship between writing and language; Differences between spoken and written language; Transcription and Transliteration.

BOOKS RECOMMENDED

1. Azad, Humayun. 1984. *bakYt'Ô*. Dhaka: University of Dhaka. 1994. 2nd ed.
2. Diringer, D. 1948. *The Alphabet*. 3rd ed. 1953. London: Hutchinson.
3. Diringer, D. 1962. *Writing*, New York: Frederick A Praeger.
4. Gleason H.A. 1970. *An Introduction to Descriptive Linguistics*. New York: Holt, Rinehart & Winston.

5. Hockett, C.F. 1958. *A Course in Modern Linguistics*. London: Macmillan (Indian Edn: Calcutta, New Delhi: Oxford & IBH).
 6. Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
 7. Lyons, J. 1970. *Chomsky*. Fontana Press.
 8. Sen, Sukumar. 1993. *Baxar ĩtbâ'* . Kolkata: Ananda Publishers. Reprinted 1998.
 9. Shaw, R. 1999. *saDarN Baxaib⁻an w ba,,laBaxa*. Kolkata: Pustak Vipani.
 10. Yule, G. 1985. *The Study of Language*. Cambridge University Press.
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