

Vidyasagar University



SANTALI **(Honours & General)**

Under Graduate syllabus
3 – Tier Examination Patterns
w.e.f. 2014-2015
REVISED

Vidyasagar University,
Midnapore – 721102,
West Bengal

B.A. Honours in Santali.

B. A. Honours in Santali Three Tier course will comprise three parts, previous year will, First(I) part, second year will second(II) part and Final year will be Third (III) part, which will have each paper of (90+10) 100 Marks, 90 Marks are allotted for final exam and 10 Marks are allotted for Internal Assessment Exam. Pass Marks will be as aggregate $36+4 = 40$ Marks in each paper. Each paper Final written Exam will be of Three Hours and Internal Assessment Exam. of 45 Minutes duration will be held.

<u>Paper</u>	<u>Part</u>	<u>Subject(s)</u>
Paper – I	I	Origin of Santali Language and Austric language family Linguistic.
Paper – II	I	History of Santali Literature.
Paper – III	II	Santali Folk Literature.
Paper – IV	II	Santali Poetry.
Paper – V	II	Santali prose – short story & long story (Novel).
Paper – VI	III	Santali Drama – short & long Drama
Paper – VII	III	Santali Literary Essays
Paper – VIII	III	Santali theory of Literature.

Distribution of Marks

- ($2 \times 15 = 30$) (a) Two long descriptive/Analytical question – $2 \times 15 = 30 / 2 \times 14 = 28 / 1 \times 5 = 5$
($3 \times 10 = 30$) (b) Five/ Four short critical question – $5 \times 8 = 40 / 4 \times 8 = 32 / 1 \times 2 = 2$
($6 \times 5 = 30$) (c) Five/Six very short critical question – $5 \times 4 = 20 / 6 \times 5 = 30 / 2 \times 1.5 = 3$

B.A. Hons Santali Part – I

Paper – I

Time – 4 Hours

Full Marks – $90+10(I.A.)=100$

Pass Marks – =40

Subject:- Origin of Santali Language & Austric Language Family

1. Origin of Santali Language.
 - (a) Origin of Santali Language, characteristics of Santali language.
 - (b) Descriptive thought of Munda language.
 - (c) Descriptive thought of Ho or Kol language.
 - (d) Descriptive thought of Other Austric language family – Bhumij, Birhor, Mahls. Paharia, Koda, Korcu, Juaug, Khariya, Sabar.

2. Role of cristan Missionaries in Santrali Language Development.
 - (a) Bibles Translation.
 - (b) Grammar and Dictionary writing.
 - (c) Paper and Magazine publication.
 - (d) Use of different symbol for sound expression In Santali Language.
3. Grammar
 - (a) Santali vowel and Consonant, Santali Pronunciations.
 - (b) Santali word and word formation – Prefix, Infix and Suffix and punctuation
 - (c) Santali part of speech – Noun, Pronoun, Adjective, Verb, Adverb, Preposition, Conjunction, Interjection and Santali special wordNumber, gender, case, Person etc.
 - (e) Characteristics of Santali grammar.
4. Linguistic and Santali Linguistic.

Distribution of Marks

- (a) Two long descriptive/ Analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
- (b) Five short critical question – $5 \times 8 = 40 / 1 \times 2 = 2$
- (c) Five Very short question – $5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books.

1. Bhasar Itibrita – Dr. Sukumar Sen.
2. Santali – The base of world language – Parimal Mitra.
3. Lingustic survey of India – Vol. – 1V – G.A.Grierson.
4. An Introduction to the Santali Language – Rev. Jarmiya Philips.
5. Encyclopedia Mundarica – Rev. Hoffman.
6. Munda and their country – S.C.Roy.
7. Kol totha Ho Bhasar Byakaran – Kartik Chandra Banda
8. Modern Santali Grammar – Sadhan Kumar Mandi
9. Ronor - Pd. R.N. Murmu.
10. Santari Renor – Dr.Ratan Hembram.
11. Nahak Santali Beyakaran – Sanatan Hansda.
12. Ad Parsi – Babulal Murmu, Adibasi

B.A. Hons. Santali – Part – I

Paper – II

Time:- 4 Hours.

Full Marks – 90+10 (I.A.)=100

Pass Marks – =40

Subject: History of Santali Literature

1. History of Santali Literature

- (a) Ancient Santali Literature – Before Santali written Literature 1845.
(b) Medieval Santali Literature – Previous Missionary period Literature from Year
Missionary period Literature- 1845 A.D. to 1889 A.D.
Lateral Missionary period Literature from year
1890 A.D. to 14th Aug. 1947.
(c) Modern Santali Literature - From 15th Aug. 1947 to till Date.

2. Santali prominent writer

- (a) Rev. Jarmiya Phillips (b) Rev. L.O. Skrefsrud (c) Rev. P.O. Bodding
(d) Majhi Ramdas Tudu (e) Sadhu Ramchand Murmu (f) Pd. R.N. Murmu.

Distribution of Marks

- (a) Two long descriptive / Analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical question - $5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short critical question - $5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books.

1. Santali Sahityer Sankhipta Porichay – Parimal Hembram.
2. Santali Sahityer Itihas - Dhirendranath Baskey.
3. Santali Bhasa O Sahitya - Doman Sahu. Samir.
4. Santali Sanwhed Nagam - Parimal Hembram.
5. Santali Sanwhed Nagam - Dr. Damayanti Besra
6. Santali Grammar - Dr. Ratan Hembram.

B.A. Hons. Santali Part – II

Paper – III

Time:- 4 Hours

Full Marks – 90+10(I.A.)=100

Pass Marks – =40

Subject : Santali Folk Literature.

Definition, Kinds, Characteristics, Study method of folk Literature.

- (a) Santali folklore – Religious – Baha, Sahray, Danshay, Karam, Dahar
Social – Dong, Langre, Pata, Narrativs.
- (b) Santali folktales – Interested only 10 tales – (i) Lelha Janway Gomke (ii) Hor ar kul reak
Katha. (iii) Bana ar Meram Kasi. (iv) Tuyu Bichar echhindaw ked a (v) Papi Kurireyak
Katha. (vi) Kanra ar Gunja. (vii) Jhonre ar Bajun. (viii) Hatiar Much (ix) Tarup ar ray barak
Katha. (x) Bana ar Kul reyak' Katha.
- © Binties – Jomshim, Chatiyear, Bapla, Bhandan, Karam,
Jadav Patkar and compare with Mansa Mangal.
- (d) Santali Kudum (Riddle), Men katha (Idioms) Bhenta Katha (Phrase)

Distribution of Marks.

- (a) Two long descriptive analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical question - $5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short critical question - $5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books.

1. Santali Gan o Kabita Sankalan - Sahitya Akademi.
2. Har Seren' - Babulal Murmu.
3. Dong' Seren' - Bhagwat Murmu Thakur
4. Devi Danshay - Babulal Murmu Adivasi.
5. Baha Seren' - Balaram Tudu.
6. More sin' more n'ida - Ed. Rup Chand Hansda.
7. Santali Folk tales 3-Vol. - Rev. P.O. Boddling.
8. Folk tales of the Santal Pargana - C.H. Bompas

- | | |
|--|----------------------------|
| 9. The Santals | - Charulal Mukharjee. |
| 10. Simanta Banglar Lok Kahani | - Dr. Subhas Bandopadhyay. |
| 11. Mit say mit Kahinir Bhumika | - W.B. Govt. |
| 12. Santari Har seren' re sanwhid ar Lakchar | - Dr. Ratan Hembram. |
| 13. Bhenta Kotha | - Dhirendranath Baskey |
| 14. Bhenta Katha | - Siran Murmu. |

B.A. Hons. Santali – Part – II

Paper – IV

Time – 4 Hours

Full Marks – 90+10(I.A.) = 100

Pass Marks 36+4 = 40

Subject :- Santali poetry.

- | | |
|--|-------------------------------------|
| (a) Kherwal Bansha Dhorom Puthi – Selected song & poem | - Majhi Ramdas Tudu.
(1 to 10) |
| (b) Baha Dalwak (i)Atuk'duk godo(ii)Setak' (iii) Herem | - Paul Jijhar saren. |
| (c) Anal Mala (i) Bharam Nasaw(ii) Dhinki (iii)Har re Hesak' | - Sadhu Ramchand Mumu. |
| (d) Lakchar seren' – All – Joto | - Pd. R. N. Murmu. |
| (e) Setak' (i) Setak'(ii) japud din (2),(iii) Seter Somoy | - Doman Sahu Samir. |
| (f) Chhita/ Say Serma Anarhe – (i) Arang Baha(ii) Abonag Arang
(iii) Thakur re Mone Rebedme | - Nayke Mangal Saren. |
| (g) Chand mala (i) Akal(ii)Nuruk Ko Sakam(iii) Champa Gar | - Gorachand Tudu. |
| (h) Kirtan kali (i) Khet-Khary Re Dela Nayo (ii)Tokayenam
towadara (iii) Dela Re Dela | - Narayan SarenToresutam. |
| (i) Ebhen Arang (i) Sengel Hobor Katan' Daran Kana (ii) Setak'
N'en'el (iii) Danshay Kunami | - Thakur Prasad Murmu. |
| (j) Lahag Harre (i) Lahag Harre(ii) Ale Atu (iii)Ayo | - Sarada Prasad Kisku. |

Distribution of Marks.

- | | |
|---|---------------------|
| (a) Two long descriptive/ Analytical Question | - 2x15 = 30/1x5 =5 |
| (b) Five short critical questions | - 5x8 = 40/1x2 =2 |
| (c) Five very short questions | - 5x4 = 20/2x1.5 =3 |

B.A. Hons. Santali – Part – II

Paper – V

Time – 4 Hours

Full Marks – 90+(I.A.) =100

Pass Marks – = 40

Subject :- Santali Prose – Short story and long story (Novels)

(a) Selected short stories

- | | | |
|-------|-------------------|---|
| (i) | Khuni Matkom Dare | - Thakur Prasad Murmu. |
| (ii) | Mama Orag | - Gomasta Prasad saren. |
| (iii) | Shanti | - Premchand –(Translated) S.C. Hembrom. |
| (iv) | Hiram Sikir | - Durbin Saren |
| (v) | DAK' Lo Ghatre | - Sneha Lata Mandi. |

(b) Long story – Novel.

- | | | |
|-------|------------------|---------------------|
| (i) | Sobha ak' Kuk'mu | – Badal Hembram. |
| (ii) | Atu Orak' | - Doman Hansda. |
| (iii) | Mati may | – Modan Mohan Mandi |

(c) Translated Literature – Selected – 5 each.

- | | | |
|------|---------------|---|
| (i) | Seren' sepen' | – Rabindranath Thakur. |
| (ii) | Pushi | - Bankimchandra – (Translated) Dilip saren. |

Distribution of Marks

- | | | |
|-----|--|------------------|
| (a) | Two long Descriptive/Analytical question | – 2x15=30/1x5=5 |
| (b) | Five short critical questions | - 5x8=40/1x2=2 |
| (c) | Five very short questions | - 5x4=20/2x1.5=3 |

B.A. Hons. Santali Part – III

Paper – VI

Time – 4 Hours

Full Marks – 90+10(I.A.)=100

Pass Marks – = 40

Subject : Santali Drama – Short Drama & Long Drama

1. Short Drama.

- | | | |
|-----|------------|------------------|
| (i) | Maya sutam | – Badal Hembram. |
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- (ii) Mit Bigha Hasa – Joytilal Hansda.
(iii) Sagun – Parimal Hembram.

2. Long Drama.

- (i) Bidu Chandan – Pd. R.N. Murmu.
(ii) La-Bir – Jadu nath Tudu
(iii) Sansar Phend – Sadharam Chand Murmu.

3. Characteristics of Drama, Tragedy, Comedy

Distribution of Marks

- (a) Two long Descriptive/Analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical questions – $5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short questions – $5 \times 4 = 20 / 2 \times 1.5 = 3$

B.A. Hons. Santali – Part - III

Paper – VII

Time – 4 Hours

Full Marks – $90 + 10(\text{I.A.}) = 100$

Pass Marks – = 40

Subject : Santali Literary Essays.

1. Judasi Anal Mala – Sarada Prasad Kisku.
2. Nahak' Santali Anal – Babulal Murmu.
3. Santali Ganang – Digambar hansda.
4. Santali Anal Mala – Mahadev Hansda.

Distribution of Marks.

- (a) Two long descriptive/Analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical questions – $5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short questions – $5 \times 4 = 20 / 2 \times 1.5 = 3$

B.A. Hons. Santali – Part – III

Paper – VIII

Time – 4 Hours.

Full Marks – 90+10(I.A.) =100

Pass Marks – = 40

Subject : Santali theory of Literature.

1. General Concept of Literature, Definition of Literature.
2. Aim of Literature, Importance of Literature.
3. Elements of Literature –
Poetry – Kabya, Mahakabya, gitikabita
Prose – Short story, Long story (Novel), Short Drama, Long Drama, Essays, Biography & Auto Biography, Journey, report, Criticism, etc.
4. Western and Indian Literary is in – Classicism, romanticism, realism, Symbolism.
5. Theoretical study of Santali Literature – Poetry & prose – song, Poem, Short story, long story (Novel), Drama, essays, Biography, Journey, Report Criticism.
6. Santali.
 - (i) Word power
 - (ii) Ras (Rasa)
 - (iii) Chhanda (chhanda)
 - (iv) Alankar (Abharan)
7. **Project work - Field work based – 20 – F.W. + 10 (Interview)**

Distribution of Marks

- (a) Two long Descriptive/ Analytical question – $2 \times 14 = 28 / 2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical questions – $4 \times 8 = 32 / 5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short questions – $6 \times 5 = 30 / 5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books:

1. Sahitya Sandarsan – Shris Das.
2. Studies of literature – Hudson.
3. Sahityer Rup Riti – Ujjawal Kumar Majumdar.
4. Santali Sanwhed Reyak Itihas – Shusil Hembram.
5. Nahak' Santali Anal – Babulal Murmu 'Adibasi'
6. Santali Sahityer Itihas – Parimal Hembram.
7. Santali Bhasa O Sahityer Itihas – Dhirendranath Baskey.
8. P.O. Boddling Ak' Jiyan Katha – Dr. Basudev Besra.
9. Santari Ganang – Digambar Hansda.

B.A. (Pass) Santali – Part – I

Peper – I

Time – 3 Hours

Full Marks – 90+10(I.A.)=100

Pass Marks = 30

Subject: Santali language, Literature, Grammar & Linguistics

A – Language

- (i) Origin of Santali languages Characteristics of Santali language.
- (ii) Comparative study of Santali language along with Austric, language such as – Munda, Hoor, Kol, Bhumij, Birhor, Mahli.

B – History of Santali Literature.

- (i) Ancient period Santali literature- Before the written Litterature 1845.
- (ii) Medieval period Santali literature missionary period Santali literature previous Missionary period literature form year 1845 A.D. to 1889A.D. lateral Missionary period literature from year 1890 A.D. to 14th Aug. 1947 A.D.
- (iii) Modern period Santali Literature -from 15th Aug. 1947 A.D. to till date.

C – Santali Grammar & linguistics.

- (i) Santali Vowel and Consonant, articulation of Santali Vowel & Consonant.
- (ii) Santali wards, wards formation by prefix, infix and suffix.
- (iii) Santali part of speech, Number, Gender, Person and case.
- (iv) Santali sentence, classification of sentence and Punctuation.
- (v) Santali Genera linguistics phonology, morphology syntax and sementics.

Distribution of Marks

- (a) Two long Descriptive/ Analytical questions – $2 \times 15 = 30 / 1 \times 5 = 5$
- (b) Five short critical questions - $5 \times 8 = 40 / 1 \times 2 = 2$
- (c) Five very short questions - $5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books

1. Paschim Banger Adibasi Samaj – Dhirendranath baskey
2. The Tribes and cast of Bengal (Vol.-2) – W.H. Risley.
3. The Austric of India- Their religions & Tradition – K.P.Bagchi.
4. An Introduction to Santali language – Rev. Jarmiya Philips.
5. An Introduction to Santali (Grammer & Vocabulary) – R.M. Mcphail.
6. Linguistic Survey of India (Austric group) Vol.IV - G.A. Grierson.

- | | |
|-----------------------------|------------------------|
| 7. The Tribal religion | – J.Troise. |
| 8. The Santal | – N.Dutta Mujumder. |
| 9. The Santal | – Charulal Mukharjee. |
| 10. Santali Sahityar Itihas | – Dhirandanath Baskey. |
| 11. Santali Sahityar Itihas | – Parimal Hembram. |
| 12. Adhunik Bhasha Bigyan | – Bholanath Tiwary. |
| 13. Ronor | – Pt. Raghunath Murmu. |
| 14. Santali Ronor | – Dr. Ratan Hembram. |

B.A. General (Pass) – Part – II

Paper – II

Time – 3 Hours

Full Marks – 90+10(I.A.)=100

Pass Marks – = 30

Subject : Santali Folk Literature

1. Santali Folk songs Dong, Langre, Baha, Sahray, Danshay, Karam, Dahar.
2. Santali folk tales – Selected any 10.
 - (i) Merom, Kul, Bana and tutya
 - (ii) Bul Horag' Katha
 - (iii) Kinsar Haram Do Jom Raja Ko Ar Idikedede Reyak'
 - (iv) Bachkom Chet Leka Janam Lena
 - (v) A~yay Boyha ar Midtang' Miscra
 - (vi) Boyha Ko Bapla led Kin Reyak
 - (vii) A~yay Lelha Kora Reyak' Katha
 - (viii) Hon'harya Reyak' Katha
 - (ix) Raj ar Eyay Goten Rani Reyang'
 - (x) Bambare are Gidi Reyang'
3. Santali Riddle (Kudum), Idioms (Menkatha), Phrase (Bhenta Katha).
4. Santali Binti (Karam Binti & Jomsim Binti) and compare with Bengali folk tales.
5. **Project work (collection of Santali folk Literature) –By the guidance of teacher.**
(20 – F.W. + 10 Interview)

Distribution Marks.

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|--|------------------|
| (a) Two long Descriptive / Analytical question | – 2x15=30/1x5=5 |
| (b) Five short critical questions | – 5x8=40/1x2=2 |
| (c) Five very short questions | – 5x4=20/2x1.5=3 |

Reference Books

1. Dong seren' – Hihiri –Pipiri – Rupchand Hansda.
2. Dong seren' – Bhagwat Murmu Thakur.
3. Longre seren' – Babulal Murmu Adibasi'
4. Baha seren' – Balaram Tudu.
5. Sohray Seren' –Moresin' More Ninda – Et. Rupchand Hansda.
6. Danskay Seren'-Devi Donsry – Babulal Murmu Adibasi.
7. Santali Gan O Kabita Sankalan – Sahitya Akadamy.
8. Santali Gan O Kabita Sankalan – Sahitya Akadamy.
9. Santari Hor seren' Re sanwhed ar Lokchar – Dr. Ratan Hembram.
10. Santali Folk tales – Rev. P.O. Bodding.
11. Mare Hor Kahni – Dhirendranath Baskey.
12. Lok Kahni – Bhagwat Murmu Thakur.
13. Folk lore of the Santal parganas – C.H. Bonpas.
14. Kudum Muray – gour Murmu.
15. Kudum Re Kurid –Kurid – Dhirendranath Baskey.
16. Bhenta Katha – Dhirendranath Baskey.
17. Bhenta Katha – Siran Murmu.
18. Santali Kudum, Men Katha-Bhenta Kotha – Kanhaylal Tudu.

Project Work – Folk songs, Folk tales, Binties, Bankher, Kudum, Menkatha, Bhenta Katha etc.

B.A. General (Pass) Santali – Part – II

Paper – III

Subject : Santali Literature.

Time – 3 Hours

Full Marks – 90+10(I.A.)=100

Pass Marks – 30

1. Santali Poems – Selected - 7
 - (a) Dhinki – Sadhu Ramchand Murmu.
 - (b) Bubul Bonga Hunshid – Doman Sahu Samir.
 - (c) Ale Atu – Sarada Prasad Kisku.
 - (d) Dawshay Kunami – Thakur Prasad Murmu.
 - (e) Chedak' – Shyam Charan Hembrom.
 - (f) Kupuli – Narayan Soren Toresutam'

- (g) Abhagiya – Gorachand Tudu.
(h) Dhorom Nasaw - Sadhramchand Murmu.
2. Santali Prose – Short Story.
(a) Mama Arak' – Gamasta Prasad Soren.
(b) Sikhnat – Upen Kisku.
(c) Khuni Matkom Dare – Thakur Prasad Murmu.
(d) Bul har ar Athor – Doman Sahu Samir.
3. Santali Prose – Long story (Novel).
(a) Sobha Ak' Kukmu – Badal Hembram.
(b) Atu Arak' – Doman Hansda.
4. Santali Prose – Drama.
(a) Mit Bigha Hasa – Jyotilal Hansda.
(b) Dan – Tilak Hembram.
(c) Darege Dhon – Pt. R.N. Murmu.
5. Santali Literary Essays.
(a) Langre Seren' – Nahak' Santali Anal. – Babulal Murmu Adibasi.
(b) Santali Parsi ar Sanwhed – Judasi Santali Anal Mala – Sarada Prasad Kisku.
(c) Santali Sahitya ar Ing – Sarada Prasad Kisku

Distribution of Marks

- (a) Two long Descriptive/ Analytical question – $2 \times 15 = 30 / 1 \times 5 = 5$
(b) Five short critical question – $5 \times 8 = 40 / 1 \times 2 = 2$
(c) Five very short critical question – $5 \times 4 = 20 / 2 \times 1.5 = 3$

Reference Books.

- (1) Sadhu Ramchand Murmu anal Mala – W.B. Government.
(2) Say Serma renak' anarhe – W.B. Govt.
(3) Mit Say Mit Kahni – W.B. Govt.
(4) Nahak' Santali Anal – Babulal Murmu Adibasi'
(5) Judasi Anal Mala – Kabi Sarada Prasad Kisku.
(6) Santali Anal Mala – Mahadev Hansda.

B.A. General (Pass) Santali – Part – III

Paper – IV

Time – 3 Hours

Full Marks – 90+10(i.A.)=100

Pass Marks – 30

Subject : Special Subject – Santali Prominent writers.

Santals Figters life story.

- | | |
|----------------------------|----------------------------------|
| (a) Majhi ramdas Tudu. | (f) Sido – Kanhu- Chand –Bhayro. |
| (b) Sadhu Ramchand Murmu | (g) Tilka Majhi. |
| (c) Pandit Ragunath Murmu. | (h) Diba Kisun. |
| (d) Doman Sahu Samir. | (i) Bir Bajal. |
| (e) Rev. P.O. Bodding. | (j) Sam Pargana. |

Distribution of Marks.

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|--|--------------------------------------|
| (a) Two long Descriptive / Analytical question – | $2 \times 15 = 30 / 1 \times 5 = 5$ |
| (b) Five short critical questions | $5 \times 8 = 40 / 2 \times 1 = 3$ |
| (c) Five very short critical questions | $5 \times 4 = 20 / 2 \times 1.5 = 3$ |

Reference Books.

1. Santali Sanwhed Reyak' Itihas – Shusil Hembram.
2. Nahak' Santali Anal – Babulal Murmu.
3. Santali Sahityer Itihas – Parimal Hembram.
4. Santali Bhasa O Sahityer Itihas – Dhirendranath Hansda.
5. P.O. Bodding Ak' Jiyon Katha – Dr. Basudev Besra.
6. Santali Ganang – Digambar Hansda.

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 - ආආආආ.ආ ආ.ආආආ ආආආආආ ආආආආආආ ආආආආ ආආආආ.ආ
 - ආආ 6ආආ ආ.ආආආ ආආආආආ ආආආආආආ ආආආආආ ආආආආ ආආආආ.ආ
 - 2ආආආ ආආආආආ ආ.ආආආ ආආආආආආ ආආආආආ ආආආආආආ ආආආආආආ ආආආආආ - ආආආආආආ, ආආආආආ, ආආආආ
- ෇. ආආආආආ ආ.ආආආ ෆ0ආආ.ආ ආ2 6ආආආආආආ ආආආආආආ 6ආආආආආ ආආආආ
 - ආආආආආආ ආආආආආ ආආආආආආ
 - ආආආආආ ආආ ආ.ආආආ.ආ (ආ.ආආ. ආආආ.ආ) ආආආආ
 - 6ආආආආආ ආආ ආආආආආ ආආආආආ
 - ආආආආආ ආ.ආආආ ආ2 ආආආආආ ආආආආආ ආ.ආආආ 02 ආආආආ. ආආආආ. ආආආආ.
- ෈. ආආආආ
 - ආආආආආ ආආආආ ආආආආආ ආආ 62ආ2ආආ ආආආආආ ආආආආආආ ආආආආආ ආආආආආ ආආආආආ ආආආආආ
 - ආආආආආආ ආ.ආආ. ආ.ආආආආආ ආආආආආ. - ෆආආආආ, ෆආආආආආ, ෆආආආආ, 6ආ.ආආආ, 0ආආආආ, 0ආආආආ, ෆආ.ආආ.ආ, ආආආආආ, ආආ ආආආආආආ ආ2ආ2ආආ - ආ26ආආආ ආආආආආ, ෆආආආ, ෆආආආආ 2ආආආ
 - ආආආආආආ ආආආආආ ෆආආ 6ආ
- ෉. ආආආආආආ ආආ ආආආආආආ ආ.ආආආ ආආආආආ

2ෆ2ෆ ආ.ආආආ 6ආ

ආආආආආ ආආආආආ ආආආආආ ආආආආ/ආආආආආආආආ ආආආආආ 6ආආආආ - 2ෆආආ = ෆ0/2ෆආආ = 2ෆ/ෆආආ = 6

ආආආ2/ආආආආආ. 6ආ.ආආආ ආආආආආ 6ආආආආ - ෆආආ = 60/ෆආආ = ෆ2/ෆආආ = 2

ආආආ2/0ආආආආආ ආ.ආආ 6ආ.ආආආ 6ආආආආ - ෆආආ = 20/ෆආආ = ෆ0/ 2ෆආආ.ෆ = ෆ

Reference Books.

୧୮. ୨. (ଅ.ବି.ପି. ଅଧ୍ୟାୟ) (ଅ.ପଞ୍ଜୀକୃତ ଲେଖକଙ୍କ ଦ୍ୱାରା) - I

ଅଧ୍ୟାୟ - II

ଅଧ୍ୟାୟ - ୫ ନିର୍ଦ୍ଦେଶ

୯୫୫ ୨୨୨ - ୬୦+୯୦ (୧.୧) = ୯୦୦

ଅଧ୍ୟାୟର ୨୨୨ - = ୬୦

ଅଧ୍ୟାୟ - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା

୯. ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା

- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
 - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
 - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା

୧୦. ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା

- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା
- ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା

୨୨୨ ଲେଖକଙ୍କ ଦ୍ୱାରା

ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ୧୫୯ = ୧୦/୧୫୯ = ୧୫/୧୫୯ = ୧୫

ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ୧୫୯ = ୧୦/୧୫୯ = ୧୫/୧୫୯ = ୧୫

ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା ଲେଖକଙ୍କ ଦ୍ୱାରା ଲେଖାଯାଇଥିବା - ୧୫୯ = ୧୦/୧୫୯ = ୧୫/୧୫୯ = ୧୫

Reference Books.

৩৭. ২. (অ.ব.৭৭ শি.৩৩৩) ৭.৩৩৩ ৭.৩৩৩৩ ৭.৩৩৩৩ - II

৭.৩৩৩ - III

৭.৩৩৩ - ৬ ৭.৩৩৩

৬.৩৩ ৭.৩৩৩ - ৬০+৭০ (৩.৩) = ৭০০

৭.৩৩৩৩৩ ৭.৩৩৩ - = ৬০

৭.৩৩৩৩ - ৭.৩৩৩৩৩ ৭.৩৩ ৭.৩৩৩৩৩

৭.৩৩৩৩৩, ৭.৩৩৩৩ ৬.৩৩ ৬.৩৩, ৭.৩৩ ৭.৩৩৩৩৩৩ ৭.৩৩৩৩৩৩৩ ৭.৩৩৩৩

৬. ৭.৩৩৩৩৩ ৭.৩৩ ৭.৩৩৩৩ - ৬.৩৩৩৩৩, (৩.৩৩৩), ৭.৩৩৩৩৩, ৬.৩৩৩৩৩, ৬.৩৩৩৩৩

- ৭.৩৩৩৩৩ ৭.৩৩৩৩ - ৬.৩৩৩, ৭.৩৩৩৩৩৩, ৭.৩৩৩৩, ৭.৩৩৩৩৩

৭. ৭.৩৩৩৩৩ ৭.৩৩ ৬.৩৩৩৩৩ - ৭.৩৩৩৩৩ ৭.৩৩৩৩৩. ৭.৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩

(৩) ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩, (৩) ৭.৩৩৩ ৭.৩৩ ৬.৩৩৩৩৩ ৬.৩৩৩৩৩, (৬) ৭.৩৩৩৩৩ ৭.৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩, (৬) ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩, (৬) ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩, (৬) ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩, (৬) ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩.

৬. ৭.৩৩৩৩৩ ৬.৩৩ - ৭.৩৩৩৩৩৩, ৬.৩৩৩৩৩৩৩, (৩.৩৩৩৩৩), (৩.৩৩৩৩৩৩), ৭.৩৩৩৩৩৩৩৩৩৩৩, ৭.৩৩৩৩৩৩৩

৬. ৭.৩৩৩৩৩৩ ৬.৩৩৩৩৩, ৭.৩৩৩ ৬.৩৩৩৩৩৩

৭.৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩

৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৭.৩৩৩৩৩ ৭.৩৩৩৩৩৩৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩ - ৭.৩৩৩৩৩ = ৭.৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩ = ৭.৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩ = ৬

৭.৩৩৩৩৩/৭.৩৩৩৩৩৩. ৬.৩৩৩৩৩ ৭.৩৩৩৩৩ ৬.৩৩৩৩৩ - ৭.৩৩৩৩৩ = ৬০/৬.৩৩৩৩৩ = ৭.৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩ = ৬

৭.৩৩৩৩৩/৭.৩৩৩৩৩৩ ৭.৩৩৩ ৬.৩৩৩৩৩ ৬.৩৩৩৩৩ - ৭.৩৩৩৩৩ = ৭.৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩৩ = ৬

Reference Books.

ଠା. ୧. (ଅ.ବୀମ ନିରାକରଣ) ଲି.ପଠା ଲିପିଲିଖନ ଲିପି. – II

ଲିପିଲିଖନ – IV

ଅକ୍ଷର – ୫ ନିରାକରଣ

କୋଷ ଗୁଣ – ୫୦+୧୦ (୧.୧) = ୬୦

ଲିପିଲିଖନ ଗୁଣ – = ୫୦

ଲିପିଲିଖନ – ଲିପିଲିଖନ ଲିପିଲିଖନ

ଅ. ବିଭିନ୍ନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ

- ୦. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୧. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୨. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୩. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୪. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୫. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୬. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୭. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୮. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୯. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ
- ୧୦. ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ

ଗୁଣ ଲିପିଲିଖନ

- ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ = ଲିପିଲିଖନ/ଲିପିଲିଖନ = ଲିପିଲିଖନ/ଲିପିଲିଖନ = ୫
- ଲିପିଲିଖନ/ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ = ୫୦/୫୦ = ଲିପିଲିଖନ/ଲିପିଲିଖନ = ୧
- ଲିପିଲିଖନ/ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ ଲିପିଲିଖନ - ଲିପିଲିଖନ = ୫୦/୫୦ = ଲିପିଲିଖନ/ଲିପିଲିଖନ = ୧

Reference Books.

୧୮. ୨. (ଅ.ବିମ୍ବ ଉପାଦାନ) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - III

ଉପାଦାନ - VI

ଉପାଦାନ - ୬ ନିମ୍ନଲିଖିତ

ଉପାଦାନ ୨୧୧ - ୬୦+୯୦ (୧.୧) = ୧୫୦

ଉପାଦାନ ୨୧୧ - = ୬୦

ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧. ଉପାଦାନ ଉପାଦାନ

୬. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୭. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୮. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୯. ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୧୦. ଉପାଦାନ ଉପାଦାନ

୬. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୯୦. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ

୧୧. ଉପାଦାନ ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

ଉପାଦାନ ଉପାଦାନ

ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ = ଉପାଦାନ/ଉପାଦାନ = ଉପାଦାନ/ଉପାଦାନ = ୬

ଉପାଦାନ/ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ = ୬୦/୬୦ = ଉପାଦାନ/ଉପାଦାନ = ୧

ଉପାଦାନ/ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ = ୧୦/୧୦ = ଉପାଦାନ/ଉପାଦାନ = ୧

Reference Books.

୧୩. ୨. (ଅ.ବୀମ ଶିକ୍ଷାକ୍ରମ) ଉଚ୍ଚତମ ଶିକ୍ଷାକ୍ରମ - III

ଶିକ୍ଷାକ୍ରମ - VII

ପାଠ୍ୟ - ୬ ନିମ୍ନଲିଖିତ

କୋଟି ଟଙ୍କା - ୬୦+୯୦ (୧.୧) = ୧୫୦

ଅନୁଷ୍ଠାନିକ ଟଙ୍କା - = ୬୦

ଶିକ୍ଷାକ୍ରମ - ଶିକ୍ଷାକ୍ରମ ପ୍ରତି/କ୍ରମିକ ଶିକ୍ଷାକ୍ରମ

- ୧. ଶିକ୍ଷାକ୍ରମ ପ୍ରତି - ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା
- ୨. ଶିକ୍ଷାକ୍ରମ ପ୍ରତି - ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା
- ୩. ଶିକ୍ଷାକ୍ରମ ପ୍ରତି - ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା
- ୪. ଶିକ୍ଷାକ୍ରମ ପ୍ରତି - ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା

ଟଙ୍କା ଶିକ୍ଷାକ୍ରମ

ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା - ଟଙ୍କା = ୧୦/୧୫୦ = ୧୫/୧୫୦ = ୧୫

ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା - ଟଙ୍କା = ୬୦/୬୦ = ୧୫/୧୫ = ୧୫

ଶିକ୍ଷାକ୍ରମ ଅନୁଷ୍ଠାନିକ ଟଙ୍କା - ଟଙ୍କା = ୧୦/୧୫୦ = ୧୦/୧୫୦ = ୧୫

Reference Books.

ଠା. ୧. (ଅ.ବୀମ ଉପାଦାନ) ଉପାଦାନ/ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - II

ଉପାଦାନ - II

ଉପାଦାନ - ଉପାଦାନ

ଉପାଦାନ - ୧୦+୧୦ (ଠା.ଠା) = ୧୦୦

ଉପାଦାନ ଉପାଦାନ - = ୧୦

ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ

୧. ଉପାଦାନ ଉପାଦାନ - ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ -

୧) ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ

୨) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୩) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୪) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୫) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୬) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୭) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୮) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୯) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧୦) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧୧) ଉପାଦାନ ଉପାଦାନ, ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ

୧) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ - (ଉପାଦାନ ଉପାଦାନ, ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ (ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ) - ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

୧) ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ ଉପାଦାନ

5) Project work (collection of Santali folk Literature) –By the guidance of teacher.

= 20 – F.W. + 10 (Interview)

2P2P ගණිතය

ආකාරයට පරිවර්තනය කරනු ලබන සමීකරණයක් - $2x + 3 = 50/2x + 3 = 25/x + 3 = 6$

සමීකරණයකින් පසු, $2x + 3 = 50/2x + 3 = 25/x + 3 = 6$

සමීකරණයකින් පසු, $2x + 3 = 50/2x + 3 = 25/x + 3 = 6$

Reference Books.

උදා. 2. (නිගමන නිර්ණය) සමීකරණයකින් පසු - III

සමීකරණය - III

ප්‍රශ්න - 2 ක්

සමීකරණය - $60 + 40 (0.0) = 100$

සමීකරණයකින් පසු = 80

සමීකරණය - සමීකරණයකින් පසු

උදා. සමීකරණයකින් පසු - සමීකරණයකින් පසු

- අ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ආ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඇ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඈ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඉ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඊ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- උ) සමීකරණයකින් පසු - සමීකරණයකින් පසු

උදා. සමීකරණයකින් පසු - සමීකරණයකින් පසු

- අ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ආ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඇ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ඈ) සමීකරණයකින් පසු - සමීකරණයකින් පසු

උදා. සමීකරණයකින් පසු - සමීකරණයකින් පසු

- අ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ආ) සමීකරණයකින් පසු - සමීකරණයකින් පසු

උදා. සමීකරණයකින් පසු - සමීකරණයකින් පසු

- අ) සමීකරණයකින් පසු - සමීකරණයකින් පසු
- ආ) සමීකරණයකින් පසු - සමීකරණයකින් පසු

෧. උනෙන්නන් උනමැනු චරිත බව

- උ) ආර්ථිකයේ උනෙන්නන් චරිත - ආර්ථිකයේ උනෙන්නන් චරිත - ආර්ථිකයේ උනෙන්නන් චරිත
- ආ) උනෙන්නන් උනමැනු නම උනමැනු - ආර්ථිකයේ උනෙන්නන් චරිත උනමැනු - උනමැනු උනමැනු උනමැනු
- ඇ) උනෙන්නන් ආර්ථිකය, උනමැනු, උනමැනු උනමැනු

උපරි මතකය බව

- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු උනමැනු උනමැනු - $2x^2 = 20/2x^2 = 20/x^2 = 20$
- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - $6x^2 = 60/6x^2 = 10/x^2 = 10$
- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - $6x^2 = 20/x^2 = 20/2x^2 = 10$

ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - III

උනමැනු - IV

- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - $60 + 20 (1,1) = 200$
- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු = 20

උනමැනු - ආර්ථිකයේ උනමැනු උනමැනු උනමැනු බව

- ආ. ආර්ථිකයේ උනමැනු උනමැනු
- ආ. උනමැනු උනමැනු උනමැනු
- ඇ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු
- ඈ. ආර්ථිකයේ උනමැනු උනමැනු

උපරි මතකය බව

- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු උනමැනු උනමැනු - $2x^2 = 20/2x^2 = 20/x^2 = 20$
- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - $6x^2 = 60/6x^2 = 10/x^2 = 10$
- ආර්ථිකයේ උනමැනු උනමැනු උනමැනු - $6x^2 = 20/x^2 = 20/2x^2 = 10$

Reference Books.