Credit Based II SEMESTER B.Com.(Vocational)Degree

Papers offered for study

Sl.No	Course Subjects	Course Code	No. Of hrs per week	Marks		Max Marks
				IA	Theory	
1	General Proficiency and Communicative English	BCMENL153	4	20	80	100
2	Hindi OR Kannada	BCMHDL154 BCMKAL153	4	20	80	100
3	Financial Accounting-II	BCMCMC159	6	30	120	150
4	Business statistics & Mathematics	BCMCMC158	4	20	80	100
5	**Computer Application –III** (Object Oriented Programming Using C++)	BCMCAV154	4	20	80	100
6	**Computer Application –IV** (Operating systems and Linux)	BCMCAV155	4	20	80	100
7	**Computer Application – Practical** (C++ and Linux Lab)	BCMCAV156	4	10	40	50
8	Human Rights, Gender Equity& Environmental Studies	BCMHGF152	4	20	80	100
9	Co & Extra Curricular Activities					50

Code:BCMENL153

Credit-based II Semester B.Com(Vocational) Degree
(Common to all batches scheme)
General Proficiency and Communicative English
4 Hours per Week. Max. Marks: 100

Features:

The syllabus is designed for 40 hours (4 hours per week). The Maximum Marks allotted is 100 (80+20). The duration of the semester exam is 3 hours.

Objectives:

➢ -Providing competence in constructing sentences properly.
➢ -Instilling human values and a sense of social responsibility.
➢ -Improving self-confidence of students to face all the challenges.

Course Content:

▪ **Prose**
▪ **Poetry**
▪ **Grammar**

▪ **Prose:**
1) On Forgetting
2) Good Manners
3) Princess September
4) Some Hints on Public Speaking
5) The Selfish Giant

▪ **Poetry:**
1) A Blind Child
2) Ode to Autumn
3) The Last of the Princes
4) The Chimney Sweeper
5) The Mountain and the Squirrel

▪ **Grammar:**
1) Sentence transformation
2) Direct-Indirect
3) Passive-Active
4) Positive-Comparative – Superlative
5) Assertive-Interrogative – Exclamatory – Imperative
6) Tag Questions
7) Linkers
8) Paragraph writing
9) Interpretation of charts (Pie graph; Bargraph)

Recommended Reference Books:

1.Text: First Degree Language Textbook for B.Com. Semester 2 of Mangalore University by Board of Editors.
2.Contemporary English Grammar Structure and Composition by David Green (Published by Macmillan, New Delhi, 2009).

P.T.O.

Course Outcome:

- **Prose:**

  1) What are Lynd's views about the various forms of forgetfulness?
  2) What are the factors that produce good manners, and why are good manners important?
  3) How does Maugham's fairy tale reflect many instances of realism?
  4) What are the benefits of ordering one's speech systematically?
  5) How does the story of the selfish giant become more than a legendary tale?
  6) Write a note on the experiences that Hill describes that arouse our sensitivity on the issue of good manners.
  7) What did the king name his daughters after? What gift did he give each of them? What happened to September's gift?

Vocabulary exercises: Synonyms, Antonyms, Use of appropriate words, appropriate forms of words and one-word substitutes.

- **Poetry:**
  1) How does Davies bring out the pathetic condition of the 'blind child'?
  2) Write a note on the treatment of nature in Keats' "Ode to Autumn".
  3) Discuss the poem 'The Chimney Sweeper' as a record of the injustice and exploitation of children in Blake's time.
  4) What is the squirrel's justification for her place in the world?
  5) Describe how Ramanujan portrays the pathetic plight of the descendants of the mighty Moghul dynasty.

- **Grammar:**

  1) In each sentences a word is underlined. Choose the synonym of the word underlined from the choices given below each sentence:
     a) His intentions were quite <u>obvious</u>.
        i) Clear   ii) Doubtful   iii) Good   iv) Mischievous

     b) Please inform the <u>definite</u> date of your arrival.
        i) Brief   ii) Vague   iii) Exact   iv) Tentative

  2) Fill in the blanks in the following sentences using the appropriate antonyms of the words underlined:
     a) With courage and will power, the _____ can be made <u>possible</u>.
     b) Be <u>proud</u> of your achievement but _____ in your behaviour.

  3) Fill in the blanks in the following sentences using the appropriate forms of the words given in brackets:
     a. _____ calamity is sometimes unpredictable. (Nature).
     b. My little brother pesters me _____. (constant).
  4) Fill in the blanks in the following sentences choosing the appropriate words given in brackets.
     a) I _____ to travel by flight to Mumbai. (intend, indent)
     b) The _____ of the cyclone was felt everywhere. (affect, effect)
  5) Write one-word substitutes for the following:
     a) A large and stately mansion.
     b) Something small of its own class and kind.

6) Do as directed:
   a) The old man sat near the fire, smoking.
      (Change from simple to compound)
   b) I will finish the job by the end of this week.(Change from active to passive voice)
   c) He is too weak to walk.
      (Change from simple to complex)
   d) How confusing the project was!
      (Change from exclamatory to assertive)
   e) Wear this shirt.
      (Change from imperative to interrogative)
   f) "What do you want?" she asked him.
      (Change from direct to indirect/reported speech)

7) Complete the sentences using the correct question tags:
   a) Avani played in her cradle yesterday, _____?
   b) The car isn't in the garage, _____?

8) Fill in the blanks in the following sentences choosing the right linkers from the options given:
   a) I did not come yesterday _____ I was ill
      i) Until   ii) or   iii) because   iv) but
   b) _____ he is thin, he is strong.
      i) But   ii) As   iii) Though   iv) Because

9) Write a paragraph of about 8-10 sentences on any one of the following topics:
   a) Importance of health.
   b) Childhood days.
   c) Honesty is the best policy.

10) Interpret the given bar chart in about 10 sentences.

Student Evaluation Components:

SL.NO	TYPE OF ASSESSMENT	WEIGHTAGE
1.	Internal assessment:2 tests & assignment	20% (20 Marks)
2.	University Examination of 3 Hrs duration	80% (80 Marks)

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Code : BCMHDL154

Credit Based Second Semester B.COM (Vocational)Degree
Hindi Language (Group -I) (Paper-II)
(2015-16 Batch onwards)
[4hours per week. Max. Marks: 100]

उद्देश :

➢ मानव मूल्यों को स्थापित करना और सामाजिक जिम्मेदारी की भावना ।

➢ बोलने की दक्षता हासिल कराना ।

➢ भाषा के रचनात्मक उपयोग को प्रोत्साहित करना ।

Unit I   गद्य

१. घर लौटते हुए : हरिवंशराय बच्चन

२. गंगा मैया से साक्षात्कार- डाँ बरसानेलाल चतुर्वेदी

३. श्मशान : मन्नू भन्डारी

४. बढ़ते शोर का गहराता संकट : राजेद्र कुमार राय, रवीन्द्र कुमार वर्मा

Unit II   गद्य

१. युवाओं से- स्वामी विवेकानंद

२ .श्रीनिवास रामानुजन- बालशौरी रेड्डी

३. एनक हो तो रौनक है- हरी जोशी

४. कीडे का लार, कपडे का तार-प्रेमानन्द चन्दोला

Unit III   व्याकरण

१. काल- भेद
२. वाच्य - भेद
३. क्रियाविशेषण- भेद
४. वाक्य शुद्दीकरण
५. प्रशासनिक शब्दावली

Unit IV   व्याकरण

१. सम्बन्धबोधक
२. समुच्चयबोधक
३. विस्मयादिबोधक
४. पदपरिचय
५. हिन्दी मे अनुवाद

Prescribed Text Books

१. गद्य भारती- शारदा एम, वानी प्रकाशण, नयी दिल्ली

Reference Books

१. हिन्दी व्याकरण- स्व. पं कामता प्रसाद गुरु, नागरी प्रचारिणी सभा,वारणासी

२. आधुनिक हिन्दी व्याकरण और रचना -डाँ वासुदेवनन्दन प्रसाद,भारती भवन , गोविन्द मित्र रोड, पटना

३. व्यावहारिक हिन्दी व्याकरण, अनुवाद तथा रचना- हरदेव बाहरी , लोक भारती प्रकाशन इलहाबाद

Course Outcome-

१. बच्चन जी की पठित आत्मकथा घर लौट्ते हुए का सार अपने शब्दों मे लिखिए।

२. स्वामी विवेकानंदजी से युवाओं को दिए गए पुनरुत्थान का मार्ग।

३. क्रियाविशेषण किसे कहते है? उसके भेदों को लिखिए।

४. प्रशासनिक शब्दावली लिखिए: - Grant of Permission, Service Rules

५. पद परिचय दीजिए- i) राम चालाक लडका है।

Student Evaluation Components

Sl.No	Type of Assessment	Weightage
1.	Internal Assessment: Two Test & Assignment	20%(20 marks)
2.	University Examination of 3 Hours Duration Question Paper pattern 1. One word Answers(Unit I & II)-1 mark each for 5 questions 2. Annotations (Unit I)5 marks each, Answer any 2 out of 4 3. Answer any 1 questions of 10 marks each out of 2 (Unit I 4. Short Notes 2 questions of 5 marks each out of 4(Unit I) 5. Answer any 1 questions of 10 marks each out of 2 (Unit II) 6. Short Notes 2 questions of 5 marks each out of 4(Unit II) 7. Vyakarana – i. Theory-2 questions of 4 marks out of 3 ii. Correcting sentences 4questions of 1 mark each iii. Administrative words of 1 marks 4 question iv. Pada parichaya 4marks 1 question v. Translation 1 question of 5 marks	80%(80 marks)

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BCMKAL153

ªÌˉÁÃPÀDzÁjvÀ¥ÀÆ¥À ©.PÁA. (ªÀÄ¥ÃÀģ) ¥ÀÄ̃k
JgÀ£ÀÄ ZÀ̃À̃ªÀÄðĠÀ
¥À¥ÃÉ: PĘÀ̃ā
¥À̃ĠPÉÀ : 2017–2020
(ªÁgÃÀ̃ 4 UÀ̃mÉUÀ̃À CªÃ̃Cü UĠ µÀÁ̃PÀ̃À : 100)

PĘÀ̃ā ¥À¥ÃAiÀ̃ GzÃ̃±À̃À̃;

1. d£À¥̃zÀ, PÁªÀ̃ ªÃɀÁjPÀ̃, ªÃɀ£À̃PÃ̃ «µÀAiÀ̃UÀ̃À CzÃAiÀ̃Ā̃
2. ˉÃRÉUÀ̃À , £ÀI PÀ̃, OgÀ£À£ÀÄ PÀ̃À̃EÀ̃ CzÃAiÀ̃À̃ ªÃ̃ÁqÀ̃ªÀzÀ̃
3. ¥ÁzÀ̃²PÀ̃ ¨ĀµÀ̃UÀ̃À CzÃAiÀ̃À̃
4. «zÁ̃yõUÀ̃Uɀ ¨ĀµÁ ªÃ̃«zÀªÀ̃̃ w¾À̃½PÀAiÀ̃̃EÀ̃ ªÃÆr̃À̃ªÀzÀ.
5. «zÁ̃yõUÀ̃À D°̃À̃À̃ªÀ̃Ū̃À̃ªÁzÀ̃ £ÀqÀ£À̃, ̃qÀ̃AiÀ̃ªÁV ¥Áˉˉĺ¾À̃̃ Cªª̃Á±ÀPÃ̃EÀ̃ MzÀ̃À̃̃ªÀzÀ̃

WÀ PÀ– 1 : ¤£Áß̃£Ã££̃©qĹ̃̃É............ d£À¥̃zÀ(̃À̃UÉ̃)

¥ÀèÀ̃ÚªÀ̃:

1. ¤£Áß̃£Ã££̃ ©qĹ̃̃É JA§ °Ár£ÃP̀èvÁ¬Ã̃ °ÁUÃÆ vÃP̃̃À̃§Uɀ Egĺ̃ªÃ̃À̃Àvɰ °ÃUɀC£Áª̃Ġ̃tUÀ̃Àrzɰ? «ªÃ̃¹.
2. vÁ¬Ã̃ ªÃ̃«zÀÀ̃À̃UÀ̃À ¦̃w d£À¥̃zÀ °Ár£ÃP̀è°ÃUɰ ªÃÆr̃§A¢zɰ «ªÃ̃¹.

WÀ PÀ– 2 : ªÃ̃ÆUÀ̃ – JZÃ̃̃É

¥ÀèÀ̃ÚªÀ̃:

1. ªÃ̃ÆV£À̃ ¥Á²ªÃ̃Rゑ̃vÀAiÀ̃̃EÀ̃ ̃¥̃§AzỗPɀ̃è UÀ̃gÀw̃gĺ̃̃À̃§Uɰ °ÃUɰ?
2. ªÃ̃ÆUÀ̃ ¥̃§AzỗPɀ̃èªÃ̃ÆV£À̃ PÁaĩð̃½Raĩ̃ĔÀ̃ °ÃUɰ ªÃ̃ttɰ̃Ẵ ÁVzɰ?

WÀ PÀ– 3 : wgÀ̃¤® PÀoÃ̃zÀ̃̃À̃gÀ̃À̃£ɰ – °̃̃°̃À̃

¥ÀèÀ̃ÚªÀ̃:

1. wgÀ̃¤® PÀoÀ̃UÀ̃À̃§ ²ªÃ̃̃À ¥̃̃ÃPÀUɰ M¼À̃r¹zÀ̃ ̃ĀzÀ̃ ̃ð̃À̃§Uɰ «ªÃ̃¹j.
2. wgÀ̃¤® PÀoÀ̃UÀ̃À̃Ũ¥̃ªÃ̃¥̃À̃§Uɰ ²ªÃ̃̃À §»gÀ̃UÀ̃À̃¥̃̃¹zÀ̃ §Uɰ°ÃUɰ? «ªÃ̃¹j.

WÀ PÀ– 4 : ªÃ̃£ÃP̃À§ ªÃ̃P̃DI – ̃¥̃D ¨Ã£µÀt ²ªÃ̃̃£ÁV

¥ÀèÀ̃ÚªÀ̃:

1. ̃ÁzỗPÀ̃ ªÃ̃£ÃP̃À££̃ zÀ̃AzỗPɀ̃è ̃¥̃D ¨Ã£µÀt ²ªÃ̃̃£ÁVAĩ̃À̃gÀ̃ °ÃUɰ «ªÃ̃¹zÁ̃gɰ?
2. ªÃ̃££̃̃À§ ªÃ̃P̃DI zÀ̃ ZÃµÃ̃À̃À̃À̃§Uɰ ̃¥̃D ¨Ã£µÀt ²ªÃ̃̃£ÁVAĩ̃À̃gÀ̃ awdgĺ̃̃À̃§Uɰ°ÃUɰ? «ªÃ̃¹j

WÀ PÀ– 5 : ¥À ỮÀ̃UÃ£A ¨ÃaĩÃE ¥̃gÀ̃zÀ̃±À̃Ç – ±ÃAvÃ £ÃŨgÀÃeï

¥ÀèÀ̃ÚªÀ̃

1. ¥À ỮÀ̃UÃ£A ¨É¥̃̃̃À̃§ §ĀnUɰ ̃Ãj zÁŨ ¤¢Uɰ£ÁUÀ̃Aĩ̃ ªÃ̃R PÀ̃qĹ̃̃Y Aĩ̃ÁPɰ? «ªÃ̃¹.
2. ¥À ỮÀ̃UÃ£A ¨Ã½̃ÃE¢VgÀ̃̃À̃ ¨Ã̃£ÀvÀPÀ̃ ̃À̃§Az̃PÀÃÀ̃è°ÃUɰ ªÃ̃PÃ̃¥̃ÃVzɰ ¤gÃÉ̃̃ ¹

WÀ PÀ– 6 : ªÃ̃ÁUÀr PÁ¥̃À̃UÀ̃É̃qÀ̃ – ˉÃ̃ªÃ̃À̃

¥ÀèÀ̃ÚªÀ̃:

1. ªÃ̃ÁUÀr PÁ¥̃À̃UÀ̃É̃qÀ̃ fÃ̃ªÃ̃P̃À̃§ ˉÃ̃ª̃À̃°ÃUɰ awd̃¹zɰ? «ªÃ̃¹j.
2. PÁ¥̃À̃ UÃ̃qÀ̃ ¨ÃŨÀ̃̃½Ȩ̂EÀ̃§ ¤«Ãõ̃¹zÀ̃ PÀ̃À̃Aĩ̃À̃§Uɰ ˉÃ̃ª̃À̃°ÃUɰ¥̃¨ĀªÀ̃̃¥̃̃¹zɰ

WÀ PÀ– 7 : UÀ̃mÃÉ̃ÃẼV – ªÃÆUÀ̃ÃĩŨÀ̃±ï

¥ÀèÀ̃ÚªÀ̃

1. eÃÉ̃ÃEVUÉ̃UÀ̃mÃÉ̃ÃẼV JAzÀ̃ °É̃̃ĠÀ̃ §gÃ̃P̃̃À̃ PÁgÀ̃tªÃ̃££̃ ? «ªÃ̃¹
2. UÃ̃qÀ̃gÀ̃ Ur̃À̃ÁUÀ̃ PÀ̃PÀ̃Aĩ̃Ä® eÃÉ̃ÃEV ¤zÃð̃jÃP̃̃À̃ PÁgÀ̃tªÃ̃££̃ ? ¥̃j uÁ̃À̃̃̃À̃£Á¬ÃvÀ̃ ?

WÌ PÀ– 8 : PÁ¯ÁÀvÅgÌÛ¼ÀP è£Áj !!! – UÀr §AqÉ¥ÆtÐªÌÁ

¥ÈéÚ¼À:

1. PÁ¯ÁÀvÅgÌÛ¼ÀP è£Áj PÞÉÌzÀ D±ÀiÀªÉÌ® «ªÐ¹
2. £Áj vÉÌ C¹ÌÛU̦Àw¸À «PÚÁV £ÌÞ̺zÀ °ÆÃgÁÍ ªÉÌ® PÞÉÌ °ÆUÉ©A©¹zÉ? «ªÐ¹j.

WÌ PÀ– 9 : C¥ÆªÐ ¸ÁzÐ ¥ÌrvÁ gÞÌÁ¨Á¬Ä ¸Û¼Ûv – eÆÃãvÁPÁªÌvï

¥ÈéÚ¼À:

1. ¹Ì ¸Ì§°ÁPÌgÌtzÌ PÌjvÌ gÞÌÁ¨Á¬Ä vÆÃqÌV¹PÆÃqÌ §Uɰ ÃUÉ? «ªÐ¹
2. ¥ÌrvÌ gÞÌÁ¨Á¬Ä §zÌ̦£Ì ¸ÀPÌÛ¼À®Ì® Jz̦¹ ¤AvÌ ¥j °ÃUÉ? «ªÐ¹

WÌ PÀ– 10 : zÀiÀªÌ zÞÌÕzÀPÌtÀÚ– ®vÁ gÁd±ÌRgï

¥ÈéÚ¼À:

1. UÉvÞÌ ªÌvÌÚ̦zÃ̵ÀzÌ̦À£Ìq̦ªÌ£ÌÞ̦zÌ °ÁUÆ̵ÀzÀP è UÉvÞÌ̦À PÌÛgÌÀ¨Á¦À °ÃUÉ̵ÀPÌÚ¼ÀArzÉ?
2. 'zÀiÀiÀ®Ã zÞÌÕzÀPÌtÀÚ PÀÚÉ®ÃvÁÌ® D±ÀiÀªÉÌ® ?

WÌ PÀ– 11 : ©¢gÌ MAzÌ, ¨Ì̦ÀÉ°ÞªÌ– ©.f.J¯ï¸ ¸Ì«&̦

¥ÈéÚ¼À:

1. ©¢gÌ ªÌÁ£ÞÉÌ fÃ̵ÀÉzÆÆÁ¢UÉ AiÀÁª̦À jÃwAiÀ̵À è vÌÛ¼ÀPÌ °ÁQPÌ̵ÀArzÉ? «ªÐ¹.
2. ©¢j £Ì §°Ì¥À̦À̵ÀUÌÛ¼À® PÌjvÌ §gÍ̦Áj.

WÌ PÀ– 12 : ¨ÁgÌvÁ¨Þï – G½ÄÀ¦gÌ zÁn ¥ÆªÌÛ¼À

¥ÈéÚ¼À:

1. PÆEqÌvÌ̦ ÞÐ ÞÉÌ® ¨ÁgÌvÁ¨ÚÉC¦Õ̦À̦jÃw PÞÉÌzÀ è °ÃUÉ̵ÀPÞÐÁVzÉ?
2. PÆEqÌvÌ d££ÞÌ̵ÀzÁÀ̦À̵Àzã±À̵ ¨ÐÀÌ̵À® PÞÐ̶Àw̦Ài̦ ªÌÁv̵À̦ÀP è «ªÐ¹.

WÌ PÀ–13 : ¸ÛÞÌ ªÌvÌÚ̵ÀᵀÁ̵Àv¦Uɵ(f.J ¸ï.n)– ¥Æ̵P̵ ¸zÁ²ªÌ̧gÁªï

¥ÈéÚ¼À

1. ¸ÛÞÌ °ÁUÉ ¸Ã̵À vÓ̦UÌiÌ̦ g̵¥̵ gÃ̵µ̵UÌÛ¼À® «ªÐ¹.
2. ¸ÛÞÌ °ÁUÉ ¸Ã̵À vÓ̦UÌiÌ̦ £̵ÆÁzÌt̵À̵ÀvÌÚ̵ ¸ÀUÞ̵À̦Ài̵À «zÁ£ÞÉÌ® w½¹.

WÌ PÀ– 14 : PÆÉ½i – £Ál PÀ qÁ.f.J ¸ï.¨Ì Õ¸ ¸ÀUÞÌ

¥ÈéÚ¼À:

1. PÆÉ½i £Ál PÌzÌ D±ÀiÀPÉ vÞÌÁvÉ̵ÀÁrPÆÆÁqÌ̵ÀÁÁÀ¥ÁõgÌ̵Û¼À̵À OÀvÞÉÌ® «ªÐ¹.
2. zÉ¥Ì¢Ai̵À è GfÌ̦À ¨ÁrPÁiÌ̦£Ì ? CzÞÉ Gf̮PÆEqÌ̵ÀÌ PÁgÌt̵Á£Ì ?
3. PÆÉ½i £Ál PÌzÌ ¸Þ̵ÌPÁ°Ã£Ì¥ÆÀ̵ÌÀvÌÛ¼À® «±À¶¹.

¤UÌC¥Ì̵Þ̵ÀÃzÀ¥ÌbÌ̵Ài̵À PÀ

1. PÆÉqÌUÁÌ̵À - ¥ÌzÀ£Ì ̵À¥ÁzÀPÌgÌ- ¥ÆÉ¢©. ²ªÌgÁªÌ ±À̶Ö
   PÁAiÀ̦Ð ¤ªÁÕÖ°ÞÌ ̵À¥ÁzÀPÌgÌ – qÁ. £ÁUÌ̵À̦UÉq̦À Dgï,
   ¥Ì̧ÁgÁ̵ÀUÌ, ªÌ̵ÀUÞ̵ÀÆÉgÌ «±À̶kzÁ¤®Ai̵À

«zÁ̧yõU̵ÀªÌ̮̦®ã̵À̵ÀÁ¥Ì̵Àz̵ÀWÌ PÁÀ±À̵À:

PÞÌ ̵ÀSí	ªÌ®â̵ÀÁ¥Ì̵Àz̵À¥ÌÁg̵À̵À	̵ÀgÀ ̧A̧ï CAPÌ̵À
1.	DÀvÌÞÌ ªÌÉ®â̵ÞÌ̵À¥ÌÉU̵À : Jg̵ÀÛ̵À Ûg̵À ¥ÌJAPÌ̵À °ÁUÉ ¤Ai̵ÌÃfv̵À ¥̧À̵ÀAz̵Àg̵ÀʦÉ	20% (20 CAPÌ̵À)
2.	3 UÀ̵Àm̵À̵À Câ̮ÌAi̵À «±À̶À «zÁ̧¤®Ai̵À ¥̵ÀÁPÞÉ	80% (80 CAPÌ̵À)

Credit Based II Semester B Com Degree
Course: Financial Accounting
Course paper: Financial Accounting-II
Number of Chapters: 06
(6hours per week Max Marks: 150)

Objectives of the Course:

➢ To know the features of Bills Of Exchange.

➢ To understand the merits of Single Entry System

➢ To analyse the meaning of Different types of commission

➢ To calculate the amount of claim from Insurance company

➢ To know the meaning and preparation of accounts under Hire Purchase Scheme

➢ To understand the meaning and accounting treatment under instalment system

Chapter-1   Bills Of Exchange   10 Hours

Meaning, characteristics, accounting treatments for drawing, acceptance, discounting, endorsement, dishonour, renewal, sending the bill to the bank for collection, Retirement of the bill under rebate, practical problems (Excluding Accommodation Bills) etc.

Course outcome:

1. Practical problems on Bills of Exchange.
2. What are Bills of Exchange? Explain the characteristics of bills of Exchange.

Chapter-2 Accounting from Incomplete Records 10 Hours

Meaning, Merits and limitations of Single Entry system, differences between single entry system and double entry system, Analytical method of calculation of Profit-conversion into Double Entry System only.

Course Outcome:

1. Distinguish between single entry system and Double entry system
2. Calculation of Credit Sales and Credit Purchases.
3. Preparation of Total Debtors Account, Total Creditors, Bills Receivable and Bills Payable account
4. Preparation of respective accounts and Trading, Profit and loss Account and Balance Sheet.
5. Explain the merits and limitations of Single Entry System.

Chapter-3 Consignment Accounts   10 Hours

Meaning, features, difference between consignment and sale, Valuation of Consignment stock and Abnormal Loss, Journal entries and Ledger Accounts in the books of the Consignor and Consignee

Course Outcome:

1. Distinguish between Sale and Consignment
2. Write a note on different types of Commission
3. Write a note on Account Sales and Proforma Invoice

4. Calculation of Consignment Stock, Abnormal Loss and Normal Loss

5. Preparation of Consignment account, Consignees account, Goods sent on Consignment, Consignment Stock Account, Consignment Stock Reserve, Abnormal Loss Account in the books of Consignor; Preparation of Consignors Account, Commission Account

Chapter-4 Fire Insurance Claims   10 Hours

Meaning, Nature of Fire insurance, Problems on loss of Stock(including Average Clause)

Course Outcome:

1. Calculation of amount of claim from Insurance Company.
2. Calculation of percentage of gross profit on Sales for the current year by preparing Memorandum Trading Account of the previous year.

Chapter-5 Hire Purchase System: 10 Hours

Meaning, features, Terms, Differences between Sale and Hire Purchase, Journal entries and ledger accounts in the books of Hire

Purchaser and Hire Vendor (Including problems on full and partial re-acquisition)

Course Outcome:

1. What is Hire Purchase System? Distinguish between Sale and hire Purchase.
2. Calculation of interest under different methods.
3. Preparation of Asset a/c, Hire Sellers a/c, Interest a/c, Depreciation a/c in the books of Hire Purchaser; Preparation of Hire Purchaser, Repossessed Stock a/c in the books of Hire Seller.
4. Problems under Hire Purchase in case of default and repossession.

Chapter-6 Instalment System   10 Hours

Meaning, Features, Differences between Hire Purchase System and Instalment system, Journal entries and Ledger accounts in the books of Instalment Purchaser and Seller.

Course Outcome:

1. Distinguish between Hire Purchase system and Instalment System.
2. Passing journal entries in the books of Instalment Purchaser and Instalment seller.
3. Calculation of Interest under different methods.

Books for Reference:

1. Financial Accounting II   :   B.S. Raman
2. Financial Accounting II   :   K.S. Adiga

Student Evaluation Components:

SL.NO	TYPE OF ASSESSMENT	WEIGHTAGE
1.	Internal assessment:2 tests & assignment	(30 Marks)
2.	University Examination of 3 Hrs duration	(120 Marks)

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Credit Based II Semester B.COM. (Vocational) Degree
Scheme 2014-15 Onwards
Course Paper: Business Statistics and Mathematics
Total   Chapters : 5
4 Hours per Week. Max. Marks: 100

Course learning objectives:

➢ To recognize the importance the statistical tools like correlation and regression

➢ To calculate and apply measures of correlation and regression in solving business related problems

➢ To familiar with mathematical tools like calculation of interest (simple and compound) in financial transactions.

➢ To compute bankers interest, bakers gain and equated due date in case of transactions involving bills.

Chapter I: Determining the relation between Business Variables through Correlation Analysis.

10 Hrs.

1.1   Karl Pearson's Co-efficient of Correlation

1.2   Spearman's Rank Correlation

1.3   Co-efficient of Determination(r^2)

Course Outcome

1. Computation of Karl Pearson's Co-efficient of Correlation for individual series and bivariate series.

2. Computation of Spearman's Rank Correlation under no equal ranks and equal ranks.

3. Computation of Co-efficient of Determination

Chapter II: Prediction of Business Variables through   Regression analysis   10 Hrs.

2.1   Meaning of Regression Analysis.

2.2   Regression Lines and Equations.

2.3   Properties of Regression co-efficient and Application of Beta for Risk Management

2.4   Regression Equations.

2.5   Prediction of Variables.

Course Outcome

1. Computation of Regression co-efficients using direct method, assumed method and Arithmetic Mean Method.

2. Determination of Regression Equation and Prediction of Variables.

3. Computation of Beta factor and interpretation.

Chapter III: Business forecasting through   analysis of Time Series.   10 Hrs.

3.1   Definition of Time Series, Application and its Components.

3.2   Measurement of Trend using Moving Averages.

3.3   Fitting a Straight Line Trend using Least Square Method.

Course Outcome

1. Explain the components of time series.
2. Measurement of Trend using Moving Averages.
3. Fitting a Straight Line Trend using Least Square Method.

Chapter IV: Arithmetic for Day-to-Day Management of Business   10 Hrs.

4.1 Trade Discount

4.2 Simple Interest

4.3 Compound Interest

4.4 Nominal and Effective Rate of Interest.

Course Outcome:

1. Calculation of Trade Discount and preparation of invoices.
2. Calculation of Simple Interest, Compound Interest and Effective Rate of Interest.
3. Calculation of Simple Interest rates ,Compound Interest rates

Chapter V: Arithmetic for Transaction with Banks.   10 Hrs.

5.1 True Discount

5.2 Bankers Discount

5.3 Banker's Gain

5.4 Equated Due Date

Course Outcome:

1. Calculation of True Discount, Banker's Discount and Banker's Gain .
2. Calculation of Equated Due Date on the basis of given information such as due date, discounted date, date of acceptance.

Books for reference:

1. Statistics   :   B.N. Guptha
2. Business statistics and Mathematics   :   Vittal
3. Statistical Methods   :   S.P.Guptha
4. Business statistics and Mathematics   :   S.P.Guptha
5. Business statistics and Mathematics   :   Rajmohan
6. Business statistics and Mathematics   :   B.V.Ragunandan

Student Evaluation Components:

SL.NO	TYPE OF ASSESSMENT	WEIGHTAGE
1.	Internal assessment:2 tests & assignment	20% (20 Marks)
2.	University Examination of 3 Hrs duration	80% (80 Marks)

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Code: BCMCAV154

Course Objectives:

1. Understand object oriented programming.

2. Be able to explain the difference between object oriented programming and procedural programming.

3. Be able to program using more advanced C++ features such as composition of objects, operator overloads, and inheritance.

4. Be able to build C++ classes using appropriate encapsulation and design principles. Improve your problem solving skills

5. Ultimate goal: to make you a good programmer.

UNIT-I   **12 Hrs**

Principles of Object Oriented programming: Basic Concepts, benefits, application. Beginning with C++: Program features, comments, cin, cout, return statement, Structure of a C++ program. Tokens, expressions and control structures: Tokens, keywords identifiers, basic and derived data types, symbolic constants, declaration of variables, dynamic initialization of variables, reference variables, the operators::, ::*, .*, delete, endl, new, setw. Typecast operator, expression and implicit conversions, operator Precedence, control structures – while, do-while, if, and switch.

UNIT-II   **12 Hrs**

Functions in C++: main function, Prototyping, call and return by reference, inline functions, default arguments, const arguments, function overloading, mathematical functions

Classes and objects: structures, specifying a class, creating objects, accessing class members, defining member functions, making outside functions inline, nesting of member functions, private member functions, arrays within a class, memory allocation for objects, static data members, static member functions, arrays of objects, objects as function arguments, friends functions, returning objects, const member functions, pointers to members.

UNIT-III   **12 Hrs**

Constructors and destructors: Parameterized constructors, multiple constructors, constructors with default arguments, dynamic initialization of objects, copy constructor, dynamic constructors, constructing two dimensional arrays, const object, destructors, and memory allocation to an object using destructor

Operator overloading: defining, overloading unary and binary operators, overloading binary operators using friend functions, manipulation of strings using operator overloading, rules for overloading operators, type conversions – basic to class, class to basic, one class to another class.

UNIT-IV   **12 Hrs**

Inheritance: Defining a derived class, single inheritance, protected members, multilevel inheritance, multiple inheritance, hierarchical inheritance, hybrid inheritance, virtual base classes, abstract classes, constructors in derived classes, nesting of classes.

Pointers, virtual functions, polymorphisms: Pointers to objects, this pointer, pointers to derived classes, virtual functions, pure virtual functions, virtual constructors and destructors

Course Outcome:
3. Gain the basic knowledge on Object Oriented concepts.
4. Ability to develop applications using Object Oriented Programming Concepts.
5. Ability to implement features of object oriented programming to solve real world problems.

Text Book:

E Balagurusamy, Object Oriented Programming with C++, 5th Edition, Tata McGraw hill Publication.

Reference Books:

1. D Ravichandran, Programming with C++, Third Edition, McGraw Hill, 2011
2. Robert Lafore, Oriented Programming in C++, Galgotia Publications Pvt. Ltd, 2006

Sl. No.	Type of Assessment	Weightage
1.	**Internal Assessment:** Two tests and Assignments	20 Marks (20%)
2.	**University Examination** Question Paper Pattern: Part A – Answer any 10 questions of 2 marks each out of 12 questions. Part B – Answer one full question from each unit of 15 marks each out of 2 full questions. (There will be 4 units.)	Part A: 2 * 10 = 20 Marks Part B: 15 * 4 = 60 Marks Total: 80Marks (80%)

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Credit Based II Semester B.Com (Vocational) Degree
Course: Computer Applications-IV
Course Paper: Operating Systems and Linux
Hours per week: 04   Max. Marks: 100

Objectives of the course

1. To learn the fundamentals of Operating Systems.
2. To understand the services provided by and the design of an operating system.
3. To understand the purpose, structure and functions of operating systems.
4. To learn the mechanisms of OS to handle processes and threads and their communication.
5. To learn the mechanisms involved in memory management
6. To know the basic concepts of Linux shell scripts.

UNIT - I: **12 Hours**

1.1 **Introduction:** Operating system, Mainframe systems, Desktop Systems, Multiprocessor Systems, Distributed Systems, Cluster systems, Real Type Systems, Hand held Systems, Future Migration, Computing Environment.

1.2 **Operating System Structures**: System Components, Operating System Services, Systems Calls, System Structures.

1.3 **Process Management:** Process concept, Process Scheduling, Operations on process, Cooperative Process, Inter profess Communication.

1.4 **Threads:** Over view, Multithreading Models.

Outcome:

1. Write a short note on distributed systems.
2. Explain any five major activities of an operating system with regard to file management.
3. List the components of Operating System and explain any one of them.
4. Explain the different services of Operating System.
5. Explain the contents of Process Control Block.
6. Explain the benefits of threads.

UNIT-II: **12 Hours**

2.1 CPU Scheduling: Basic concepts, Scheduling criteria, Scheduling algorithms, multiple processor scheduling.

2.2 Process Synchronization: Background, The critical section Problems, Synchronization, Semaphore, Classic problems synchronization hardware, Critical region Monitor, Semaphore.

2.3 Deadlocks: System model, dead lock characterization, Methods for handling deadlocks, Deadlock prevention, Dead lock avoidance, Deadlock detection.

Outcome:

1. Discuss FCFS CPU scheduling policy.
2. Briefly explain Reader's and Writer's problem.
3. What is a semaphore? Why is it used?
4. What are the necessary conditions for deadlock situation to occur? Explain.
5. Explain the methods used to recover from deadlock.

UNIT-III: **12 Hours**

3.1 Memory Management: Background, Swapping, contiguous Memory allocations, Paging, segmentation, segmentation with paging,

3.2 Virtual Memory: Background, demand paging, process creation, page replacement, allocation of frames and thrashing.

3.3 File **Management**: File concept, Access methods, Directory structure, File system Mounting, File sharing, Protection.

Outcome:

1. Explain the optimal page replacement algorithm.
2. Write a note on file access methods.
3. Explain demand paging with a neat diagram.
4. Write the steps of FIFO algorithm which shows the occurrence of page fault.
5. Explain any three operations on file.

UNIT-IV: **12 Hours**

4.1 **Unix** : An introduction, Features of Unix, Unix system organization, Unix file system.

4.**2 Linux**: An introduction, reason for its popularity, Linux file system, login and logout.

4.3 **Linux commands:** Command format, Directory oriented command, wild card characters, File oriented commands, File Access Permissions, Process oriented commands, Background processing, Communication oriented commands, General purpose commands, Pipe and Filters related commands, vi editor, Shell programming, System administration.

Outcome:

1. Explain UNIX system organization.
2. Explain the case statement with syntax and example.
3. Write a short note on Telnet and FTP.
4. Explain Linux file system.
5. State the purpose of the following commands in Linux operating system with an example. – rm, cmp, cat
6. How do you add and delete a user in Linux system?

Text Books:

1. Silberschartz, Galvin and Gagne, **Operating Systems Concepts**, 6th/ 7th Edition, John Wiley & sons,
2. Pvt. Ltd. Chapters (1, 3, 4, 5, 6, 7, 8, 9, 10, 11), B Mohamed Ibrahim, **Linux: A Practical Approach**, Firewall Media, 2009

Reference Books:

1. Kay A. Robbins and Steven Robbins, **Unix Systems Programming, Communication, Concurrency and Threads**, LPE, Pearson Education publisher, 2004.
2. Colin Ritchie, **Operating Systems in incorporating Unix and Windows**, 4th Edition, BPB.
3. Richard Petersen, **Linux: The Complete Reference**, 6th Edition, Tata McGraw Hill

Student Evaluation Components:

Sl. No.	Type of Assessment	Weightage
1.	**Internal Assessment:** Two tests and Assignments	20 Marks (20%)
2.	**University Examination** Question Paper Pattern: Part A – Answer any 10 questions of 2 marks each out of 12 questions. Part B – Answer one full question from each unit of 15 marks each out of 2 full questions. (There will be 4 units.)	Part A: 2 * 10 = 20 Marks Part B: 15 * 4 = 60 Marks Total: 80Marks (80%)

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B.com (Vocational) - II Semester
Computer Application –III
Course Paper: C++ and OS Lab
Practical/Week: 4 Hrs   Max Marks: 50

Lab Objective

- ➢ Students should be familiar with the main features of the C++ language.
- ➢ Understand a C++ program written by someone else.
- ➢ Be able to debug and test C++ programs;
- ➢ To make the students to develop applications using C++.
- ➢ Understand the Linux operating system with various commands.
- ➢ Learn the Linux Schell Programming.

OOPs

PART-A

1. Write a C++ program to generate 'N' Fibonacci numbers using constructors.
2. Write a C++ program to compute the total marks and declare the results of 'N' students using the array of objects. Assume the class contains the data members Rno, Name and Marks of five subjects.
3. Write a C++ program to calculate the volumes of cube, cylinder and cuboid using function overloading.
4. Write a C++ program to compute the simple interest using the concept of dynamic initialization with overloading constructors.
5. Write a C++ program to create a class Rectangle with length, breadth and area, to create another class Cuboid that inherits Rectangle and has additional members height and volume. Use single inheritance property.

PART-B

1. Write a C++ program to simulate a simple banking system in which the initial balance and the rate of interest are read from the keyboard and these values are initialized using constructor member functions. The destructor member function is defined in the program to destroy the class objects created using the constructor member function. The program consists of the following methods:

   a) To initialize the balance and rate of interest using the constructor
   b) To display the menu options
   c) To make a deposit
   d) To withdraw an amount from the balance
   e) To find the compound interest based on the rate of interest
   f) To display the balance amount
   g) To destroy the object class using destructor

2. Write a C++ program to initialize two strings and join them using dynamic constructors for string.
3. Write a C++ program to perform addition, subtraction, multiplication and division operations on two complex numbers using operator overloading by member functions.
4. Write a C++ program to create a class STRING with data members int length and char *p and to compare two strings using overloaded operator = =.
5. Write a C++ program to perform the addition, subtraction, multiplication and division operations on two complex numbers using operator overloading by friend functions.

Linux

1. A shell script to accept 'n' integers and count +ves, -ves and zeroes separately. Also find
2. Shell script program to check whether a file is readable or writable.the sum of +ves and –ves.
3. A menu driven shell script for the following

   i) To List Files & Directories.
   ii) Renaming a file (check for the existence of the source file)

iii) to display the current working directory

iv) to list the users logged in.

to append the contents of a file to another file. Display the message if the file doesn't exist in the directory.

4. A shell script to accept your option for deleting(-d) or for copying

(-c) a file and file name(s) through command line arguments

Hint: check for the following

i) Check whether the given arguments are sufficient for the selected option.

ii) File to be copied or deleted must be present in the directory.

While copying, if the destination file already exists, prompt for overwriting.

5. A shell script to accept many filenames through command line. Do the following for each filename

i) If it is an ordinary file display its content and also check whether it has execute permission.

ii) If it is a directory, display the number of files in it.

if the file/directory doesn't exist display a message

6. A menu driven shell script for the following.

i) list of directory having all the permission

ii) list of ordinary files with the assigned permissions

iii) to count the number of directories and files separately

iv) to list all file names/ directory names in the present working directory which has the specified pattern

v) to assign execute permission to a specified file for the owner and group.

Exit

Lab Outcome

➢ Students will be able to apply the computer programming techniques to solve practical problems.

➢ Students will be able to understand the concepts and implementation of constructors and destructors.

➢ Students will be able to develop software applications using object oriented programming language in C++.

➢ Students will be able to understand and use various commands in Linux.

➢ Students will be able to write Shell Programs.

SI. No	Type of Assignment	Weightage
1.	Internal Assessment Test: Two Tests	10 Marks
2	University Examination Question paper pattern Two examiners will conduct the practical exams. One from other college of the same university another from same college. Examiners are approved by the University.	PART – A (C++) - 08 marks PART – A(C++) - 15 marks PART – C(Linux Shellscript)- 12 marks Record- 05 marks **Total-** 40 **marks**

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Credit Based II Semester BCOM (Vocational)Degree
Course: Human Rights, gender Equity and Environment
Course Paper: Human Rights, Gender Equity and Environment
Number of Modules: 08
[4 Hours per week. Max. Marks: 100]

Objectives of the Course:
- To understand Basic rights of the people.
- To study the various Rights available to Indian People.
- To improve the personality of Individual.
- To provide knowledge for active participation in Competitive examinations.

Part I

MODULE I   **6 Hours**

Human Rights
1. Human Rights - Meaning
2. Universal declaration of Human Rights

Course outcome:

MODULE II

Human Rights Advocacy   **10 Hours**
1. Global Advocacy of Human Rights, Amnesty International and Others organisation
2. People's Union for Civil Liberty (PUCL)
3. Human Rights Commission in India
4. Minority Commission in India
5. Remedies against violation of Human Rights

Course outcome:

1. Human rights are more comprehensive than _____rights.

   a) Civil rights   b) Economic rights   c) Political rights   d) Fundamental Rights

2. In ancient thought and philosophical concepts the human rights were known as_____.

   a) Natural Rights   b) Created rights   c) Created laws   d) None of the above

3. Identify the Greek philosopher from the following _____

   a) Plato   b) Machiavelli   c) Einstein   d) Robert Clive

4. Magna Carta was a landmark in the development of human rights in _____ period.

   a) Medieval   b) Modern   c) Ancient   d) None of the above

5. Article Third of the UDHR provides for_____

   a) Political Rights b) Right to Education   c) Right to life liberty and security of persons d) None

6. Human Rights day has been celebrating on_____.

   a) 10th December   b) 10th November   c) 10th September   d) None of the above

7. Which of the following is not an ancient source of Human Rights

   a) Constitution   b) Roman Law   c) Rigveda   d) Babylonian Law

8. International Labour organization established on_____.

   a) 1919   b) 1918   c) 1920   d) 1917

9. The preamble of United Nations begins _____.

   a) We the people of world.   b) We the people of India.

   c) We the people of United Nations member countries.   d) We the people of United Nations.

10. _____ article of U.D.H.R. says "Human beings are born free and equal in dignity and rights".

   a) art -1 b) art-2   c) art-3   d)art-4

P.T.O.

Part II
Gender Equity

MODULE III   **2 Hours**

Key Concepts

Sex and Gender- Masculinity and Femininity-Patriarchy and Matriarchy, Gender Roles and Attributes-gender Division of Labour- Gender Bias- Gender Stereotypes, Need for gender Sensitization.

MODULE IV   **2 Hours**

Women Status in India

Important Indicator- Sex Ratio, Education, Health, Nutrition, Maternal and Infant Mortality Rate, Work Participation Rate, Political Participation.

MODULE V   **6 Hours**

Contemporary Women's Issues

1. Discrimination against Girl Child
2. Violence against women
3. Problems of Health and Nutrition
4. Women's education and Gender bias in Education
5. Trafficking in women
6. Globalization and its impact on women

MODULE VI   **6 Hours**

State Initiatives on gender issues

Constitutional rights of Women, Laws pertaining to women, The national and state commission for women.

Course outcome:

1. Sex refers to the _____ in between male and female.
   a. Social divisions   b) Biological divisions c) Economic divisions d) None of the above
2. On the basis of the biological factor of sex human society is divided into ___ groups or communities.
   a) 3   b) 4   c) 5   d) 2
3. "Women's participation in marketing is negligible" This is an example for_____
   a) Gender Roles   b) Gender stereotypes   c) Gender sensitization   d) Gender bias
4. "Women are More sentimental" This is an example for_____
   a) Gender stereotypes   b) Gender bias   c) Gender sensitization   d) Gender roles
5. The word 'patriarchy' derived from _____ word.
   a) Greek   b) Latin   c) French   d) English
6. The present chair person of women's commission of India is _____.
   a) Geetha Sharma b) Mamta Sharma   c) Manjula   d) None of the above
7. Stereotyped views are formed about women in a_____ sense
   a) Positive   b) Real   c) Negative   d) all the above
8. _____ Means "fixed mental impression about gender"
   a) Gender Roles   b) Gender bias   c) Gender stereotypes   d) All the above
9. According to stereotypes beliefs women's are _____
   a. a) Less intelligent   b) More intelligent   c) Less narrow minded   d) All the above
10. According to 2011census the birth rate of India is _____
11. a) 26 per 1000   c) 26.2 per 1000   b) 26.1 per 1000   d) 20.97 per 1000

P.T.O.

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Part III
Evironment

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MODULE VII   **12 Hours**

    Environment

Components of Environment

1. Concepts of Ecology
2. Ecological Factors: Soil, Air and Water
3. Eco System Pond and forest as Eco systems
4. Human Population Growth

MODULE VIII   **8 Hours**

    Environmental Pollution

Types of Pollution-(a) Soil, Air, water (b) Noise and Radioactive pollution

1. Sources of Pollution and their effects
2. Control measures: Legal and Administrative

MODULE: IX   **12 Hours**

Conservation and preservation of environment

1. Natural resources and their conservation-water, soil and forest
2. Agencies involved in environmental protection in India
3. Environmental Movements in India
4. Legal and Administrative measures

Cource Outcome:

1. When did Indian government passed the water prevention and control of pollution act _____

   a) 1984   b) 1964   c) 1974   d) 1994

2. The human act of contamination the environment and disturbing the ecological balance can be called as ___

   a) Environment Development   b) Environmental Pollution   c) Progress of Mankind

   d) None of the   above

3). When did Indian government passed the Air prevention and control of pollution act _____

   a) 1984   b) 1964   c) 1974   d) 1994

Books for reference:
1. S. Devidson, Human Rights
2. Nirmala Chiranjeevi, Human Rights in India
3. Usha Sharma (ed) Gender Mainstreaming and Women's Rights
4. Mohini Chiranjeevi, Feminism and Gender Equity
5. N.K Chakravarthy, 1994, Environmental Protection and Law
6. K.A. Agarwal, Wild life in India Conservation and Management

Student Evaluation Components:

Sl. No.	Type of Assessment	Weightage
1.	Internal Assessment: Two tests & assignment	20% (20 marks)
2.	University Examination of 3 hours duration. Question paper pattern: All questions are compulsory, All questions are one word questions with four Alternative.	80% (80 marks)

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