

B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M. DEGREE EXAMINATION, DEC. - 2015

(Examination at the end of First Year)

Part I - ENGLISH

Paper - I : General English

Time : 03 Hours

Maximum Marks : 70

Section - A

(5 × 1 = 5)

- I) a) Read the following passage and answer the questions that follow :

Rules or laws are, therefore, drawn up to ensure that members of the society may live and work together in an orderly and peaceable manner. The larger the community, the more complex and numerous will be the rules. If the rules or laws are broken, compulsion is used to enforce obedience. Two ideas are concept of law: (1) order, in the sense of method or system, and (2) compulsion, i.e., the enforcement or obedience to the rulers or laws bid down.

- i) List out the two ideas that underlie the concept of law.
- ii) What is the passage about?
- iii) Suggest a suitable title for the passage.
- iv) What did man do in primitive times?
- v) Why rules or laws, are drawn up?

- b) Read the following passage carefully and answer the questions that follow by choosing the right answer. **(1 × 4 = 4)**

I have lost my job. It was a good job, too. All I had to do was sit in the shop throughout the day and sell saris and choli-pieces: that was all we sold. They were very good saris and choli-pieces, specially woven in Mr. Ratnam's little mill in Bangalore and only sold in Bombay through the shop run by me.

- i) How long does the speaker suppose to sit in the shop?
 - 1) during the afternoon
 - 2) during the morning
 - 3) throughout the night
 - 4) throughout the day
- ii) What is the name of the mill that was mentioned in the passage?
 - 1) Mr. Ratnamani
 - 2) Mr. Ratnam
 - 3) Mrs. Ratnam
 - 4) Ms. Ratnam

- iii) What did the speaker of the passage lose?
 - 1) Job
 - 2) Name
 - 3) Money
 - 4) Fame
- iv) Where does the speaker sell the saris and cholipieces?
 - 1) Hyderabad
 - 2) Delhi
 - 3) Bangalore
 - 4) Bombay
- v) What were the items sold in the shop?
 - 1) Pants and shirts
 - 2) Saris and cholipieces
 - 3) Saris and pants
 - 4) Saris and shirts

- 2) a) Correct the following sentences : (5 × 1 = 5)
- i) The news are true.
 - ii) They are living in Tirupati since 1909.
 - iii) I have visited Hyderabad last month.
 - iv) Godavari is a sacred river.
 - v) I have written a letter yesterday.
- b) Rewrite the sentences as directed : (5 × 1 = 5)
- i) I will take milk tomorrow. (Change into passive voice)
 - ii) Srivani is a good woman. (Add a question tag)
 - iii) The master said “Honesty is the best policy”. (Change into Indirect speech)
 - iv) Teja has been suffering with fever since Sunday. (Use appropriate preposition)
 - v) Chennai is the greatest city in India. (Change into positive degree)
- c) Change the following into direct speech (2 × 1 = 2)
- i) Mother asked her son where he was going.
 - ii) The servant reported that tea is ready.
- d) Fill in the blanks with correct forms of verbs given in brackets. (5 × 1 = 5)
- i) Teja _____ (meet) him tomorrow.

- ii) Venu _____ (receive) the letter a week ago.
 - iii) I _____ (finish) my home work.
 - iv) They _____ (sell) this car for sure.
 - v) She _____ (be) in hospital for six months by the end of July.
- e) Fill in the blanks with suitable words given at the end of the list. (5 × 1 = 5)
- i) The boy _____ every morning from five to seven.
 - ii) Delhi _____ the capital city of India.
 - iii) The Government is trying to reduce _____.
 - iv) It rained _____.
 - v) A triangle _____ three sides.
- (reopens, heavily, poverty, is, studies)
- f) Rewrite the following set of jumbled sentences to make them into a coherent passage. (3)
- i) He had no money.
 - ii) He did not go in.
 - iii) My grandfather's portrait hung above the mantel piece in the drawing room.
 - iv) He has an efficient man of justice.
 - v) Sher Singh always felt shy even in his house.
- g) Attempt a dialogue between two friends discussing about the price rise in the state. (3)
- h) Write a paragraph using the following hints. (3)
- The role of advertisement in sales – types of ads – purpose – cost involved – a burden to the customer or an advantage.
- i) Write in about 100 words on any one of the following : (3)
- 1) Sound pollution.
 - 2) Fast foods.
 - 3) Influence of cinema on society.

Section - B

- 3) Write an essay on any ONE of the following : (1 × 5 = 5)
- a) Describe briefly how Nehru spent his days in prison.
 - b) Narrate in brief the attempt of the people to catch the snake.
 - c) How the lovers did come together ultimately in lovers Reunion?

- 4) Write short notes on any three of the following : (3 × 3 = 9)
- a) What is the central idea of the poem, “Sonnet to Science”.
 - b) Describe the express in your own words.
 - c) What is the effect of the piano on the Africans?
 - d) Summarise John Masefield’s poem ‘Laugh and be Merry’.
 - e) Why it is difficult to kill a tree?
- 5) Write an essay on any one of the following : (1 × 5 = 5)
- a) What is the theme of the story, the Refugees’.
 - b) Narrate briefly the story of the fortune Teller.
 - c) What is the theme of the story, “The Gold Watch”.
- 6) a) Explain any Two of the following : (2 × 2 = 4)
- i) In the solitude of prison I shall think of you a great dad.
 - ii) No, it’s a kind of rheumatism she gets sometimes.
 - iii) You ask, what is our aim? I can answer in one word. It is victory.
- b) Explain any one of the following : (1 × 4 = 4)
- i) God made heaven and earth for joy.
 - ii) All is, if I have grace to use it so, an ever in my hard task Master’s eye.



B.A./B.Com./B.Sc./B.B.M./ B.B.A./B.H.M. DEGREE EXAMINATION,
(Examination at the end of First Year)

DECEMBER - 2015

Part – I : TELUGU

Paper – I : Poetry, Novel and Grammar

Time : 03 Hours

Maximum Marks : 70

అన్ని ప్రశ్నలకు సమాధానాలు రాయండి.

1) ఈ క్రింది పద్యాలలో ఒక దానికి ప్రతి పదార్థ తాత్పర్యాలు రాయండి. (6)

a) వివరీతప్రతిభాష లేమిటికి సుర్వినాథ! యీపుత్రగా
త్రవరివ్వంగ నుఖంబు సేకొనుము ముక్తాహార కర్పూర సాం
ద్రవరాగప్రసరంబు జందనము జంద్ర జ్యోత్స్న యుంబుత్తగా
త్ర వరివ్వంగము నట్లు జీవులకు హృద్యంబేకడున్ శీతమే.

b) పెంపేదన్ దమకిట్టి తక్కువలు రూపింపంగ నేలా? విచా
రింపన్ వారిక మేలు సంధిదము వారిం జూచినందారు సా
ధింపంజాలరొ? కాకపోర దగమర్దించందలంపేనిశం
కింపం బట్టొకొ? వారు బ్రాహ్మణులె యేకీడైన పైరింపంగన్.

2) ఈ క్రింది వానిలో “అ” భాగం నుండి రెండింటికి, “ఆ” భాగంనుండి రెండింటికి సందర్భ సహిత వ్యాఖ్యలు రాయండి.

(4 × 2 = 8)

‘అ’భాగం

- a) పురుషునకియ్యేపురనయంబును గురువులు.
- b) అలుపాల బొనువడునట్టి చిచ్చేయిది.
- c) వీటిడి యైన మానిసికి వెండి వివేకము గల్గనేర్చునే.
- d) ఒల్ల పోయితిమి ప్రాయగల పొట్టపెట్టి.

‘ఆ’భాగం

- a) చల్లుడాండ్రలోకమున నక్షతలునేడు.
- b) కత్తివైరంకాల్చవోయి.

- c) నీకలహంబు కన్నను ప్రార్థనీయమగునె.
- d) అడవి తోగుల రాణియన్నట్లుతోచింది.

3) ఈ క్రింది వానిలో 'అ' భాగం నుండి ఒకదానికి, 'ఆ' భాగం నుండి ఒక దానికి వ్యాసరూప సమాధానాలు రాయండి.

(2 × 6 = 12)

'అ'భాగం

- a) శకుంతల గుణశీలాలను పరిశీలించండి.
- b) పరమేశ్వరుడు బెజ్జ మహాదేవికి నిత్యత్వం ప్రసాదించిన విధానాన్ని వివరించండి.

'ఆ'భాగం

- a) పాఠ్యభాగమాధారంగా శ్రీకృష్ణుడు ద్రౌపదిని ఓదార్చిన విధమెట్టిదో పేర్కొనండి.
- b) శ్రీకృష్ణుని చేష్టలను గోపస్త్రీలు యశోదకు విన్నవించిన విధానాన్ని తెల్పండి.

4) ఈ క్రింది వానిలో 'అ' భాగం నుండి ఒకదానికి, 'ఆ' భాగం నుండి ఒకదానికి వ్యాసరూప సమాధానాలు రాయండి.

(2 × 6 = 12)

'అ'భాగం

- a) దేశభక్తి గేయంలోని అంతర్జాతీయ భావనను విశదీకరించండి.
- b) కిన్నెరనడకల సోయగాన్ని వర్ణించండి.

'ఆ'భాగం

- a) “కృషీవలుడు” ఆధారంగా కర్షకుని జీవితాన్ని వివరించండి.
- b) ‘గబ్బిలము’ ద్వారా అరుంధతీ సుతుని బాధలను తెలపండి.

5) ఈ క్రింది వానిలో రెండింటికి సమాధానాలు రాయండి.

(2 × 6 = 12)

- a) “కాలాతీత వ్యక్తులు” లో డా॥ చక్రవర్తి పాత్రాచిత్యాన్ని పరిశీలించండి.
- b) “కాలాతీత వ్యక్తులు” లోని తాత్విక దృక్పథాన్ని సమీక్షించండి.
- c) ఆనందరావు పాత్రను విశ్లేషించండి.
- d) “కాలాతీత వ్యక్తులు” నవలలోని సామాజిక స్థితిగతులను పరిశీలించండి.

6) ఈ క్రింది వానిలో ఐదింటిని విడదీసి సంధి కార్యాలు రాయండి.

(5 × 2 = 10)

- | | |
|-----------------|----------------|
| a) హస్తాబ్జము | b) వృకోదరుడు |
| c) అయ్యది | d) వ్రత్యక్షము |
| e) గుణవంతురాలు | f) నిద్రవోయె |
| g) చెక్కుటద్దము | h) ఏమేమి |
| i) ఇంటింట | j) ఏకైక |

7) ఈ క్రింది వానిలో ఐదింటికి విగ్రహ వాక్యాలు రాసి, వాటి సమాన నామాలు తెలపండి.

(5 × 2 = 10)

- | | |
|-------------------|-------------------|
| a) ఇసుకపాతర | b) కాళరాత్రి |
| c) మూడుముళ్ళు | d) ఇరుగుపొరుగు |
| e) చంద్రశేఖరుడు | f) పరిష్కంఠగుఖం |
| g) కన్నీటిపాట | h) సనాతనధర్మం |
| i) ద్వాదశరుద్రులు | j) పుణ్యాచార్యుడు |

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(Examination at the end of First Year)

Part – I : HINDI

Paper - I : General Hindi

Time : 3 Hours

Maximum Marks : 70

SECTION - A

- 1) किन्ही तीन की संदर्भ सहित व्याख्या कीजिए । [3 × 3 = 9]
- अ) नई बातों से घबराना और उनके पक्षपातियों को निन्दा करना मनुष्यका स्वभाव हो गया है ।
- ब) वे हम चिता में भुने जा रहे हैं कि काश, एजन्ट की मोटर, उनकी मासिक आय और उनकी तडक भडक भी मेरी होती ।
- क) कालिदास और भवभूति का संपूर्ण -प्रदेय भारतीय वस्तु है, वह किसी प्रदेश का उत्तराधिकारी नहीं हैं ।
- ड) आप लेखक हो और मेहमान नवाज प्रकाशक हो तो समझ लीजिए दाल-दाक की पूडियों और कद्दे की तरकारी खिलाकर वह आप से मुफ्त लेख लिखाना चाहता हैं, इस काल के अतिथि सत्यकार से ब्रह्मण सावधान

SECTION - B

- 2) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए । [10]
- अ) कवि और कविता
- ब) अतिथि
- 3) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए । [10]
- अ) भारतीय साहित्य का एकता
- ब) ईर्ष्या तून गयी मेरे मन से
- 4) किसी एक कहानी का सारांश विशेषताओं सहित लिखिए । [10]
- अ) ठकुर का कुआँ
- ब) पुरस्कार
- 5) दशहरे की छुट्टियों में अपने गाव आने का निमन्त्रण देते हुए मित्र को पत्र लिखिए । [10]

अपनी पाठ्य पुस्तकों का आर्डर देते हुए किसी पुस्तक विक्रेता के नाम पत्र लिखिए ।

6) किन्ही दो प्रश्नों का जवाब दस पंक्तियों में लिखिए ।

[2 × 3 = 6]

अ) मधुलिका का चरित्र चित्रण लिखिए ।

ब) शामनाथ की माँ का चरित्र चित्रण कीजिए ।

क) रोज कहानी का उद्देश्य - कथन

ड) उसने कहाथा काहनीका उद्देश्य-कथन

7) सब प्रश्न लिखना अनिवार्य हैं ।

[10 × 1 = 10]

अ) तुम तुम्हारी पुस्तक लाओ (शुद्ध कीजिए)

ब) उसका पति अब नहीं रहा (लिंग बदलकर लिखिए)

क) विद्यालय में बालक पढ रहा है (वचन बदलकर लिखिए)

ड) मैं आम खाता हूँ (वाच्य बदलकर लिखिए)

इ) नदी ----- मगर हैं (रिक्तस्थान पूर्ति कीजिए)

फ) मैं पानी पी रहा हूँ (भविष्यतकाल में लिखिए)

य) जुलाहा (लिंग बदलिए)

र) सरला ने कहानी लिखी (वचन बदलकर लिखिए)

ल) Emergency (इस शब्द का अर्थ हिन्दी में लिखिए)

व) समीक्षा (इस शब्द का आंग्रेजी में लिखिए)

8) किन्ही दो शब्दों को अर्थ हिन्दी में लिखकर वाक्य में प्रयोग कीजिए ।

[2 × 2½ = 5]

अ) हाथ पीला करना

ब) नौ दो ग्यारहा होना

क) जान हथेली पर रखना

ड) ऊण्ट के मुँह में जीरा

इ) प्रतीक्षा



Answer the following

[3 × 10 = 30]

- 1) a) Explain the state of the people in the rule of Dasaratha's in 300 words.
दशरथस्य राज्ये प्रजानां स्थिति विवृणुत ?

OR/अथवा

- b) Explain in not more than 300 words the characteristics of learned man according to Viduraniti.

विदुरनीतो प्रतिपादितरीत्या पण्डितलक्षणानि 300 मितेषु पदेषु विवृणुत।

- 2) a) Describe the criticism of siva by the celibate to turn Parvati's mind
जटिल : शिवं कथं निनिन्द ?

OR/अथवा

- b) Explain the favour done to the brahmin by Rajavahana.
राजवाहनकृतां द्विजोपकृतिं विवृणुत।

- 3) a) Write the story of "mrutoggivana".
मृतोज्जीवनं नामोपाख्यानं लिखत।

OR/अथवा

- b) Write the story of चतुरःशशकः।

"चतुरः शशकः" – इति कथां लिखत।

4) Answer any four from the following with reference to context.

[4×4=16]

चत्वारि – ससन्दर्भ लिखत ।

- i) दूतमुखा हि राजानः सर्व एव।
- ii) लोके दुर्जनकण्टको नास्ति।
- iii) नक्षात्राणीव चन्द्रमाः।
- iv) मित्रं द्वेष्टि हिनस्ति च।
- v) शरीरमाद्यं खलु धर्मसाधनम्।
- vi) मनोरथानामगतिर्न विद्यते।
- vii) संकीर्तितो पश्यति जीवलोकम्।
- viii) अस्मिन् कानने दूरीकृतकलमो वसामि।

5) Translate any two into English or Telugu.

[2 × 3 = 6]

श्लोकद्वयं आंग्लभाषायां आन्ध्रभाषायां वा अनुवदत ।

- i) संसारयति कृत्यानि सवन्त्रं विचिकित्सते।
चिरं करोति क्षिप्रार्थे स मूढो भरतर्षभ।
- ii) आत्मज्ञानं समारम्भस्तितिक्षा धर्मनित्यता।
यमर्था न्नापकर्षन्ति स वे पण्डित उच्यते।
- iii) इष्टां भार्यां प्रियं मित्रं पुत्रं चातिकनीयसम्।
रिक्त पाणिर्न पश्येत्तु तथा नैमित्तिकं नृपम्।
- iv) आपदर्थं धनं रक्षेद्दारान्तं क्षेद्भनैरपि।
आत्मानं सततं रक्षेद्दारैरपि धनैरपि।

6) a) Write the forms of any three in the other numbers of the given persons. $[3 \times 2 = 6]$

त्रयाणां इतरवचनेषु रूपाणि लिखत।

i) भवेत्।

ii) अपश्यत्

iii) मोदे।

iv) मुञ्च।

v) अकशेत्।

vi) कथय।

b) Write any four in the given cases -

$[4 \times 2 = 8]$

चतुर्णां तत्तद्विभक्तिषु रूपाणि लिखत।

i) धातरि

ii) यानुषु।

iii) मत्या।

iv) वारिणे।

v) फलानि।

vi) रमा :

vii) नद्या।

c) Combine any four :

$[4 \times 2 = 8]$

चत्वारि सन्धत्त।

i) वाणी + ईश : ।

ii) भो + अति ।

iii) तथा + एव।

iv) अनु + एति।

v) वाक् + ईशः।

vi) शिवः + अहम्।

vii) हरिः + चरति।

viii) पुत्रः + आगच्छति।

d) Dissolve any three

[3 × 2 = 6]

त्रयाणां विग्रहवाक्यानि लिखत।

i) द्वित्राः।

ii) चक्रपाणिः।

iii) दम्पती।

iv) भूधरः।

v) पञ्चगवम्।

vi) घनश्यामः।



(DICS 1)

B.A./B.Com./B.Sc. DEGREE EXAMINATION, DEC. - 2015

(Examination at the end of First Year)

Paper - I : INDIAN HERITAGE AND CULTURE

Time : 1½ Hours

Maximum Marks : 50

Section - A

(2 x 13 = 26)

Answer any TWO of the following questions

- 1) Describe the Indus Civilization?
హరప్పా నాగరికతను గూర్చి వ్రాయండి?
- 2) Analyse the greatness of Ashoka?
అశోక చక్రవర్తి యొక్క గొప్పదనాన్ని విశ్లేషించండి?
- 3) Describe the Pallava's art and Architecture?
పల్లవుల వాస్తు, శిల్ప కళలను గూర్చి వ్రాయండి?
- 4) Explain the moment of Bhakthi Cult?
భక్తి ఉద్యమమును గూర్చి వ్రాయండి?
- 5) Write the social, cultural and social reforms in India.
భారతదేశంలోని సాంఘిక, సాంస్కృతిక సంస్కరణలను గూర్చి వివరించండి?
- 6) Discuss the Satyagrah movement in freedom struggle?
భారత స్వాతంత్ర్యోద్యమంలో సత్యాగ్రహ ఉద్యమమును గూర్చి వ్రాయండి?

Section - B

(3 x 4 = 12)

Write short notes on any THREE of the following questions

- 7) Varna System.
చాతుర్వర్ణ వ్యవస్థ
- 8) Chandragupta Mourya.
చంద్రగుప్త మౌర్యుడు

9) Astanga Marga.

అష్టాంగ మార్గము

10) Sri Krishna Devaraya.

శ్రీ కృష్ణ దేవరాయలు

11) Taj Mahal.

తాజ్ మహల్

12) Raja Ram Mohan Roy.

రాజా రామ్మోహన్ రాయ్

13) Gopala Krishna Ghokhale

గోపాల కృష్ణ గోఖలే

14) Rama Krishna Matam.

రామకృష్ణ మఠం

Section - C

(3 x 4 = 12)

15) Fill up the blanks :

ఖాళీలను పూరింపుము

a) Vandematharam poem was written by _____.

వందేమాతర గీతమును రచించినది ఎవరు _____.

b) Who was the founder of Jain Religion _____.

జైన్మత స్థాపకుడు _____.

c) The great singer patronised by Akbar Asthana _____.

అక్బర్ ఆస్థానంలోని ప్రముఖ సంగీత గాయకుడు _____.

d) The cause of war decline of Vijaya Nagara dynasty _____.

విజయనగర సామ్రాజ్య వతనం కావడానికి కారణమైన యుద్ధం _____.

16) Choose the correct answer :

సరియైన సమాధానాన్ని గుర్తించండి?

a) The founder of 'Sathavahana'

()

- i) Gouthami putra Satakarni
- ii) Simuka
- iii) Pulamavi II
- iv) Chandragupta

‘శాతవాహనుల’ వ్యవస్థాపకుడు

- i) గౌతమీ పుత్ర శాతకర్ణి
- ii) సిముఖుడు
- iii) రెండవ పులమావి
- iv) చంద్రగుప్తుడు

b) In Sindhu culture the houses were built by the people.

()

- i) Rock
- ii) Wood
- iii) Clay
- iv) Furnaced Brick

సింధూ నాగరికత ప్రజలు తమ ఇళ్ళను వీటితో కట్టుకొన్నారు.

- i) రాయి
- ii) కలవ
- iii) మట్టి
- iv) కాల్చిన ఇటుక

c) What was the original name of Shersha

()

- i) Farid
- ii) Sherkhan
- iii) Shikdhar
- iv) Thodermal

షేర్షా అనలు పేరు ఏమి?

- i) ఫరీద్
- ii) షేర్షాన్
- iii) షిక్దార్
- iv) తోడర్మల్

d) Who was the defeater by Chandra Gupta Vikramaditya II.

()

- i) Sakas
- ii) Greeks
- iii) Hunus
- iv) Indopartians

చంద్రగుప్త విక్రమాదిత్యుడు II వీరిని ఓడించెను.

- i) శకులు
- ii) గ్రీకులు
- iii) హూణులు
- iv) ఇండోపర్షియన్లు

17) Match the following :

క్రింది వానిని జత పరుచుము.

a) Kautilya
కౌటిల్యుడు

Adwitha
అద్వైతము

b) Orugallu
ఓరుగల్లు

Artha Sastra
అర్థశాస్త్రము

c) Sankaracharya
శంకరాచార్య

Slaverism
బానిస వంశము

d) Khuthubuddin Aibak
కుతుబుద్దీన్ ఐబక్

Kakatiya's
కాకతీయులు



B.B.M./B.B.A. DEGREE EXAMINATION, DECEMBER - 2015

(Examination at the end of First Year)

Part - II : BUSINESS MANAGEMENT

Paper - I : Micro Economics

Time : 3 Hours

Maximum Marks : 70

Answer any five questions

All questions carry equal marks

- 1) Explain the nature, definition and scope of Economics.
- 2) Why does the demand curve slope downward to the right? What are its exceptions.
- 3) What are indifference curves? Explain consumer's equilibrium with the help of indifference curves.
- 4) Examine different types of costs and the inter relationship among them.
- 5) What is perfect competition? How is price determined under it?
- 6) What is price Discrimination? Explain how a Discriminating Monopolist reaches equilibrium.
- 7) Explain the concept of Kinky Demand Curve.
- 8) Discuss law of variable proportion with suitable diagram.
- 9) Define Market. Explain the factors which determine the extent of the Market.
- 10) Critically evaluate marginal productivity theory of distribution.



BBM/BBA DEGREE EXAMINATION, DECEMBER - 2015

(Examination at the end of First Year)

Part - II : BUSINESS MANAGEMENT

Paper - II : Business Mathematics

Time : 3 Hours

Maximum Marks : 70

Answer any five questions

All questions carry equal marks

- 1) a) Explain nature of decision making process and role of mathematical models.
b) Out of 10 teachers and 20 boys a committee of 11 is to be selected. Find the number of ways in which this can be done in order that there is a majority of teachers.
- 2) a) i) Find the No. of permutations INDEPENDENCE.
ii) If a set A has 12 elements. Find the No. of students of A having atmost 3 elements.
b) Find the coefficient of x'' in $\left(2x^2 + \frac{3}{x^3}\right)^{13}$.
- 3) a) i) Define the terms $A \cup B$, $A \cap B$, $A \times B$ and A^C and draw venn diagrams.
ii) Let $f: z \rightarrow z$ such that $f(x) = x + 1$ if f is invertable find its inverse.
b) Evaluate
i) $\lim_{x \rightarrow 3} \frac{x^2 - 8x + 5}{x^2 - 9}$
ii) $\lim_{x \rightarrow 2} \frac{x - 2}{x^3 - 8}$
- 4) a) Show that the vectors $(1, 1, -1)$ $(2, -3, 5)$ and $(-2, 1, 4)$ of R^3 are linearly independent.
b) If \bar{a} , \bar{b} , \bar{c} are non-coplanar vectors. Prove that the points $\bar{a} - 2\bar{b} + 3\bar{c}$, $-2\bar{a} + 3\bar{b} - \bar{c}$ and $4\bar{a} - 7\bar{b} + 7\bar{c}$ are collinear.
- 5) a) $A = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \end{pmatrix}$ $B = \begin{pmatrix} -3 & 4 & 0 \\ 4 & -2 & -1 \end{pmatrix}$

Verify that (i) $(A')' = A$

(ii) $(A+B)' = A'+B'$

(iii) $(5B)' = 5B'$

b) $A = \begin{pmatrix} 2 & 1 \\ 1 & 3 \end{pmatrix}$ $B = \begin{pmatrix} 3 & 2 & 0 \\ 1 & 0 & 4 \end{pmatrix}$ find AB and BA.

6) a) (i) Find the derivative of the function $f(x) = e^{2x \log x}$.

(ii) If $y = \log(\sin(\log x))$ find $\frac{dy}{dx}$.

b) If $u = \frac{x^2 + y^2}{x + y}$ prove that $\frac{\partial u}{\partial x} - \frac{\partial u}{\partial y} = 4 \left(1 - \frac{\partial u}{\partial x} - \frac{\partial u}{\partial y} \right)$

7) Evaluate the integrals.

a) $\int (x^3 - 2x^2 + 3) dx$

b) $\int \frac{\sin(\log x)}{x} dx$

c) $\int \frac{x}{1+x^2} dx$

d) $\int \frac{1}{1+4x^2} dx$

8) a) i) Scope and importance of OR

ii) Limitations of OR

b) i) Explain techniques of OR

ii) Explain overview of OR and Elements of OR.

9) a) Application of L.P.P. and general properties of L.P.P.

b) Solve the following Linear programming problem using simplex method.

$$\text{Max } z = 5x_1 + 3x_2$$

$$\text{subject to } 3x_1 + 5x_2 \leq 15$$

$$5x_1 + 2x_2 \leq 10 \text{ and } x_1, x_2 \geq 0$$



BBM/BBA DEGREE EXAMINATION, DECEMBER - 2015

(Examination at the end of First Year)

Part – II : BUSINESS MANAGEMENT

Paper - III : Financial Accounting

Time : 3 Hours

Maximum Marks : 70

Answer any five of the following

All questions carry equal marks

- 1) How do you define the term “Account” explain different types of accounts and their double entry principles?
- 2) Distinguish between :
 - i) Trade discount and cash discount.
 - ii) Debit Note and Credit Note.
- 3) Explain different methods of providing depreciation.
- 4) Distinguish between Capital Expenditure and Revenue Expenditure giving suitable examples.
- 5) Jaggi owes to Kamath R 24,000. The Debt is discharged by Jaggi on 1st May, 2011 by accepting three bills of exchange drawn on him by Kamath – one for R 6,000 at 2 months, another for R 8,000 at 3 months and the third for R 10,000 at 4 months. The first bill is endorsed by Kamath in favour of Dass, his creditor. The second bill is discounted on 4th May at the bank at 18% p.a.. The bills are dishonoured. Noting charges in each case being R 10. Pass necessary journal entries in the both the parties.
- 6) X Ltd. Issued 25000 Equity shares of 10/- each at a discount of 10% payable as follows :
On application R 2.00 on first call R 2.50
On allotment R 2.00 on final call R 2.50

Applications were received for 20,000 shares and all of these were accepted. All money due was received except the final call on 1000 shares. Pass necessary journal entries and show how these transactions would appear in balance sheet of the company.

- 7) The following is the Balance Sheet of A and B as at 31 December, 2013.

Liabilities	R	Assets	R
Creditors	20,000	Cash at Bank	10,000
Capital :		Sundry Assets	55,000
A	25,000		
B	<u>20,000</u>		
	<u>65,000</u>		<u>65,000</u>

The partners shared profits and losses in the ratio of 3 : 2 on the above date C was admitted as a partner on the condition that he would pay R 20,000 as capital. Goodwill was to be valued at 3 years purchases of the average of four years profits which were :

2010 R 9,000 2012 R 12,000

2011 R 14,000 2013 R 13,000

The new profit sharing ratio is 7 : 5 : 4.

Give Journal entries, Ledger accounts and new balance sheet under the following method of goodwill.

If goodwill is raised and written off.

- 8) Draw of proforma of Trading and profit and loss account and balance sheet.

- 9) A Trader has not kept proper books of account. The following balances are placed before you and you are required to prepare a statement of profit and loss for the year ended 31st March, 2013 and a statement of affairs as at that date :

	1-4-2012	31-3-2013
	R	R
Cash in hand	5,350	5,400
Bank O.D	45,000	40,000
Stock in trade	59,350	62,200
Sundry creditors	38,600	37,200
Sundry debtors	30,200	29,800
Bills receivables	42,400	40,800
Land & buildings	53,000	53,000
Furniture & Fittings	4,600	4,600
Bills payable	62,000	58,000

Drawings during the year amounted to R 6,000. Depreciation is to be calculated on Land and Buildings at 2 percent and furniture and fittings at 10 percent. Provide for doubtful Debts at 2½ percent.

10) On 31st March, 2013 the following Trial Balance was extracted from the books of Chatterji.

Particulars	Dr. (R)	Cr. (R)
Capital Account	--	90,000
Plant and Machinery	80,000	--
Sales	--	4,07,000
Purchases	2,60,000	--
Returns	6,000	5,750
Opening Stock	30,000	--
Discount	350	800
Bank charges	75	--
Sundry Debtors	45,000	--
Sundry Creditors	--	25,000
Salaries	26,800	--
Wages	40,000	--
Carriage inwards	750	--
Carriage outwards	1,200	--
Bad debts provision	--	525
Rent, Rate, Taxes	10,000	--
Advertisements	2,000	--
Cash in hand	900	--
Cast at bank	6,000	--
Furniture and Fittings	20,000	--
	<u>5,29,075</u>	<u>5,29,075</u>

You are asked to prepare the final accounts for the year ended 31st March, 2013 and the balance sheet as at that date. The following adjustments are required.

- Closing Stock R 35,000.
- Depreciation on Plant and Machinery @ 15% p.a. and on Furniture and Fittings @ 10% p.a. to be provided.
- Bad debts provision to be adjusted to R 500.
- Interest on capital to be allowed at 10% per annum.
- 15% of the profits remaining after providing interest on capital to be carried to general reserve.



B.B.M./B.B.A. DEGREE EXAMINATION, DECEMBER - 2015

(Examination at the end of First Year)

Part - II : BUSINESS MANAGEMENT

Paper - IV : Principles of Management

Time : 3 Hours

Maximum Marks : 70

Answer any five questions

All questions carry equal marks

(5 × 14 = 70)

- 1) Management is an inter disciplinary concept? Discuss.
- 2) Explain the Henry Fayal's contribution to management?
- 3) Explain the role and responsibilities of a manager?
- 4) Explain the functions of management?
- 5) What is planning? Explain the principles in planning?
- 6) What is conflict? Explain the different types of conflict?
- 7) Explain the difference between centralization and decentralization?
- 8) What is personality? Explain the principles of personality?
- 9) Explain the process of controlling?
- 10) What is leadership? Explain the different leadership styles?



BBM/BBA DEGREE EXAMINATION, DECEMBER - 2015

(Examination at the end of First Year)

Part – II : Business Management

Paper - V : BEHAVIORAL SCIENCES

Time : 3 Hours

Maximum Marks : 70

Answer any five questions

All questions carry equal marks

- 1) What is management? Discuss its functions?
- 2) Write about the attitude & values of people in an organization?
- 3) What is cognition?
- 4) What to be done in order to reinforce employees in an organization?
- 5) Discuss about Herzberg's two way factor theory?
- 6) Explain the different types of groups in an organization?
- 7) What is a conflict? Explain different types of conflicts?
- 8) What are quality circles? Write a note on group decisions?
- 9) What to do in order to make group decision more effective in an organization?
- 10) Explain the decision making process?

