B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M DEGREE EXAMINATION, MAY - 2017

(Examination at the end of First Year)

English (Paper - I) (Part - I)

Time : 3 Hours   **Maximum Marks : 70**

Section – A
Analysis Skills

Q1) A) Read the following passage and answer the questions that follow.   **(5 ⅹ 1 = 5)**

It was five minutes since Dasa was gone when the youngest son cried, 'See there!' Our of a hole in the compound wall a cobra emerged. It glided along towards the gate, paused for a moment to look at the gathering in the veranda with its hood half-opened. It Crawled under the gate and disappeared along a drain. When they recovered from the shock they asked, 'Does it mean that there are two snakes here?' The college boy murmured, 'I wish I had taken the risk and knocked the water pot from Dasa's hand, we might have known what it contained.

  i)   From which lesson is this passage taken?

  ii) Who is the author?

  iii) What was seen out of the hole?

  iv) Where did the snake disappear?

  v)   Why did the boy wish that he had knocked the water-pot?

B) Read the following passage and answer by choosing the right answer.   **(5 ⅹ 1 = 5)**

Indian culture has deep-rooted family values-parents make enormous sacrifices for their children, children consider it their duty to take care of aged parents.   Unfortunately our attitude to the community is very different. We keep our homes spotlessly clean, when we go out we do not think twice before littering. We see serious problems around us but behave as if they are some one else's responsibility.

In the West, individuals understand that they have to be responsible to their community. They solve societal problems proactively. This is something we should learn. Successful societies are those that harmoniously combine loyalty to the family and loyalty to the community.

  a) How are Indian family values?

i)   culture

ii)   sacrifice

iii) deep-rooted

iv)   careful

b) How is Indian attitude towards the community?

   i)   indifferent

   ii)   littering

   iii) responsible

   iv)   none of the above

c) In the west, how are people towards the community?

   i)   irresponsible

   ii)   responsible

   iii) harmony

   iv)   none of the above

d) Loyalty to family and community makes a society.

   i)   successful

   ii)   problems

   iii) loyal

   iv)   none of the above

e) Synonym for the world 'loyal' is.

   i)   kind

   ii)   good

   iii) accountable

   iv)   faithful

Q2) A)   Correct the following sentences.   **(5 x 1 = 5)**
   a) She shed the crocodile tears.
   b) There is two apples on the table.
   c) My spectacles is in my pocket.
   d) None of the students done their home work.

   e) He do not like tea.

B) Rewrite the sentences as directed. **(5 x 1 = 5)**

    a) Cows give milk. (change the voice)

    b) He went out. (add a question tag)

    c) "I want that toy", said the boy. (change into indirect speech)

    d) My sister is taller than me. (change into positive degree)

    e) She did not return even at seven in the evening. (change into a complex sentence)

C) Change into direct speech. **(2 x 1 = 2)**

    a) Rahul told Rohan to give him the book.

    b) The woman told him to come the next day.

D) Fill in the blanks with correct forms to verbs given in the brackets. **(5 x 1 = 5)**

    a) I _____ (work) on the project now.

    b) They _____ (prepare) for the exam well.

    c) She _____ (like) soup.

    d) John _____ (play) the violin.

    e) We _____ (launch) a new programme.

E) Fill in the blanks with suitable words given at the end of the list. **(5 x 1 = 5)**

    a) He said he would _____ the picture.

    b) They must _____ their decision.

    c) You need not _____ my permission.

    d) I will _____ my work tomorrow.

    e) I could _____ heavy weights.

    (complete, ask, paint, lift, make)

F) Rewrite the following set of jumbled sentences to make a coherent passage. **(3)**

    a) The next year did better still.

    b) Farming was once a holy art.

    c) In the first season my crop was good enough.

    d) I learnt to plant only a small piece of ground.

    e) People farm today with haste and thoughtlessness.

G) Write a dialogue between a mother and daughter discussing good habits. **(3)**

H) Write a paragraph using the following hints. **(6)**

Women is not a commodity – generations of exploitation – freedom to choose her career, partner – better families – better society – better world – reforms in 21st century.

<u>**Section – B**</u>
Descriptive Skills

Q3) Write an essay on ONE of the following: **(1 x 5 = 5)**

    a)   Sketch the character of Dolly.

    b)   Bring out Nehru's good qualities from his letter.

    c)   How does Churchhill's speech inspire?

Q4) Write short notes on any three of the following: **(3 x 3 = 9)**

    a)   What is the central idea of the poem,, 'On killing a tree'.

    b)   What is the significance of the title, 'Piano and drums'.

    c)   Why does Masefield want us to laugh and be merry?

    d)   Is Milton happy to be twenty – three.

    e)   Summarize the poem, 'Sonnet to Science'.

Q5) Write an essay on one of the following: **(1 x 4 = 4)**

    a)   Discuss the appropriateness of the title, 'Lemon; Yellow and Fig'.

    b)   Bring out the universal truth in, 'God sees the truth but waits'.

    c)   Narrate the story, 'The Open Window' in your own words.

Q6) a)   Explain any two of the following: **(2 x 2 = 4)**

        i)   My sister's coming over first.

        ii)   I do wrestle a bit.

        iii)   You don't own the whole house, do you?

    b)   Explain any one of the following: **(1 x 4 = 4)**

        i)   Small is the worth

            Of beauty from the light retired.

        ii)   Join the jubilant song of the great stars sweeping by.

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B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M. DEGREE EXAMINATION, MAY - 2017

(Examination at the end of First Year)

TELUGU (Paper - I)

Time : 3 Hours　　　　　　　　　　　　　　　**Maximum Marks : 70**

Q1) ఈ క్రింది పద్యాలలో ఒకదానికి ప్రతిపదార్థ తాత్పర్యము వ్రాయుము.　　　　　**(6)**

a) విపరీత ప్రతిభాష లేమిటికి నుర్వినాథ యాపుత్రగా

   త్ర పరిష్వంగ సుఖంబు సే కొనుము ముక్తాహార కర్పూర సాం

   ద్రపరాగ ప్రసరంబు చందనము చంద్రజ్యోత్స్నయంబుత్రగా

   త్ర పరిష్వంగమునట్లు జీవులకు హృద్యంచే కడున్ శాతమే

b) అరయమిజేసి కోడలన కప్పడు దాసిగ జేసెనమ్మహా

   పురుషుని పాలికిం బతులు వోవగ వీరలతోన యేనుజె

   చ్చెర జని కోటరంబు దగ జేయుదునో యటుగాకపాడిమై

   వరవుడ మొడి చేయుదునో వారికి మాధవ నిశ్చయింపుమా

Q2) ఈ క్రింది వానిలో 'అ' భాగం నుండి రెండింటికి 'ఆ' భాగం నుండి రెండింటికి సందర్భ సహిత వ్యాఖ్యలు

వ్రాయుము.　　　　　　　　　　　　　　　　　　　**(4 x 2 = 8)**

<u>'అ' భాగం</u>

a)　సూనృత వాక్యము వేలు చూడగన్

b)　వారు బ్రాహ్మణులే యేకీడైన సైరింపగన్

c)　నిప్పన జెదలంటునే

d)　ఏనుగు దిన్న వెలగపండు నాగనొప్ప

‘ఆ’ భాగం

a)   ఈసురోమని మనుషులుంటే దేశమేగతి బాగుపడునోయ్

b)   చావలేదు ఆంధ్రుల మహోజ్జ్వల చరిత్ర

c)   సిరియెభోగోపలబ్దికి జీవగఱ్ఱు

d)   తల్లి చల్లనిప్రేమ వెల్లి తారినయట్లు

Q3) ఈ క్రింది వానిలో ‘అ’ భాగం నుండి ఒకదానికి ‘ఆ’ భాగం నుండి ఒకదానికి వ్యాసరూప సమాధానాలు

వ్రాయుము.   **(2 x 6 = 12)**

‘అ’ భాగం

a)   బెజ్జ మహాదేవి వృత్తాంతమును వివరింపుము.

b)   శకుంతల దుష్యంతుని సభలో ప్రసంగించిన అంశాలేవి?

‘ఆ’ భాగం

a)   శివపార్వతులు చిరు తొండనంబి దంపతుల్ని పరీక్షించిన విధమును వివరింపుము.

b)   ద్రౌపది తన భంగపాటును శ్రీకృష్ణునకు చెప్పిన విధమును వివరింపుము.

Q4) ఈ క్రింది వానిలో ‘అ’ భాగం నుండి ఒకదానికి ‘ఆ’ భాగం నుండి ఒకదానికి వ్యాసరూప సమాధానము

వ్రాయుము.   **(2 x 6 = 12)**

‘అ’ భాగం

a)   దేశభక్తి గేయ సారాంశమును వివరింపుము.

b)   రాయప్రోలు వారు ఆంధ్రుల గత వైభవమును కీర్తించిన విధమును వివరింపుము.

‘ఆ’ భాగం

a)   విశ్వనాథవారి కిన్నెరసాని నడకలలోని సౌందర్యమును వివరింపుము.

b)   అరుంధతీ సుతుడు గబ్బిలంతో స్వీయ వృత్తాంతాన్ని విన్నవించుకున్న విధమును వివరింపుము.

Q5) ఈ క్రింది వానిలో రెండింటికి సమాధానాలు వ్రాయుము.　　　　　　　　**(2 x 6 = 12)**

   a)　　ఇందిర పాత్ర విశిష్టతను వివరింపుము.

   b)　　కాలాతీత వ్యక్తులు నవలలో ప్రతిఫలించె సాంఘిక పరిస్థితులను వివరింపుము.

   c)　　కాలాతీత వ్యక్తులు నవల ద్వారా రచయిత్రి సమాజానికిచ్చిన సందేశమేమి?

   d)　　కాలాతీత వ్యక్తులు నవల నామసార్థక్యతను వివరింపుము.

Q6) ఈ క్రింది వానిలో ఐదింటిని విడదీసి సంధికార్యములు వ్రాయుము.　　　　　**(5 x 2 = 10)**

   a)　　కన్నాశ్రమంబు

   b)　　ధర్మేతర

   c)　　ఇక్కమారుడు

   d)　　ముఖారవిందుడు

   e)　　ఉగ్గలు వోసి

   f)　　కులాంగన

   g)　　చిత్రముల యాకృతి

   h)　　వలచినట్లు

   i)　　అన్నదమ్ములు

   j)　　చెచ్చెఱ

Q7) ఈ క్రింది వానిలో ఐదింటికి విగ్రహవాక్యములు వ్రాసి సమాసములు తెలియజేయుము.　　**(5 x 2 = 10)**

   a)　　దివ్యదృష్టి

   b)　　పద్మాక్షి

   c)　　అనుదినము

   d)　　అసత్యము

   e)　　మాటనేర్పరి

   f)　　తపోవనము

   g)　　చంద్రసూర్యులు

   h)　　పంకజనాభుడు

   i)　　వేయిగోత్రములు

   j)　　ఆలమంద

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(DHIN1(NR))

B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M. /DEGREE EXAMINATION, MAY - 2017

(Examination at the end of First Year)

HINDI (Paper – I (NR))

Time : 3 Hours   **Maximum Marks : 70**

SECTION – A

Q1) किन्हीं तीन की सन्दर्भ सहित व्याख्या कीजिए।   *(3 × 3 =9)*

   a) जिस समाज को लोग अपनी झूठे प्रशंसा सुनकर प्रसन्न होते हैं, वह समाज के प्रशंसनीय नहीं समझा जाता।

   b) भारतीय साहित्य को एकता का आदेश सदैव हमारे राष्ट्रीय एकता के लिए अक्षय श्रात रहा है और रहना चाहिए।

   c) अच्छी कविता अभ्यास से नहीं आती।

   d) ईष्या मनुष्य का चारिचिक दाष ही नहीं, प्रत्यत, इससे मनुष्य का आनन्द में भी बाधा पडती है। जन भी मनुष्य के हृदय में ईष्या का उदय होता है सामन का सय उस माध्यम सा दिखने लगता है।

SECTION – B

Q2) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए।   *(10)*

   a) ईष्शा तु ना गयी मेरे दिल से।

   b) भारतीय साहित्य की एकता।

Q3) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए।   *(10)*

   a) नीलकान्त।

   b) कवि और कविता।

Q4) किसी एक कहानी का सारांश विशेषताओं सहित लिखिए।   *(10)*

   a) ठाकुर का कुआ।

   b) पुरस्कार।

Q5) अपनी बहन की शादी पर अपने मित्र को आमंत्रित करते हुए एक पत्र लिखिए।   *(10)*

<div align="center">(अथवा)</div>

नौकरी के लिए आवेदन पत्र देते हुए प्रधान अध्यापक के नाम पर पत्र लिखिए।

Q6) किन्ही दो प्रश्नों का जवाब दस पंक्तियों में लिखिए। *(2 × 3 = 6)*

   a) हजारसिंह का चरित्र-चित्रण कीजिए।

   b) मधूलिका का चरित्र-चित्रण कीजिए।

   c) मालती का चरित्र-चित्रण कीजिए।

   d) जोखू का चरित्र-चित्रण कीजिए।

Q7) सब प्रश्नों का लिखना अनिवार्य हैं। *(10 × 1 = 10)*

   a) शेर जंगल में रहता है। (लिंग बदलकर लिखिए।)

   b) लडका शोर मचाता है। (वचन बदलकर लिखिए।)

   c) राम पाठ पढता है। (वाक्य बदलकर लिखिए।)

   d) सरला उपन्यास पढती है। (भविष्यत काल में लिखिए।)

   e) उसने खाना खाता है। (वाक्य शुद्ध कीजिए।)

   f) किताब मेज ---------- है (कारक चिह्न लिखिए।)

   g) राम दशरथ को पुत्र है। (शुद्ध कीजिए।)

   h) मैंने एक आम खाया। (पूर्ण भूतकाल में लिखिए)

   i) लडके मैदान में खेलते हैं। (वचन बदलकर लिखिए।)

   j) Wall (इस शब्द का अर्थ हिन्दी में लिखिए।)

Q8) किन्हीं दो शब्दों का अर्थ हिन्दी में लिखकर वाक्यों में प्रयोग कीजिए। *(2 × 2½ = 5)*

   a) क्रोध
   b) आरंभ करना
   c) अनुभव
   d) यज्ञ
   e) मुसीबत

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Total No. of Questions : 6]   [Total No. of Pages : 03
B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M. DEGREE EXAMINATION, MAY - 2017
(Examination at the end of First Year)
SANSKRIT (Paper – I(NR))

Time : 3 Hours   **Maximum Marks : 70**

Answer the following

Q1)   a) Describe the criticism of Siva by the celibate to turn Parvati's Mind?   *(8)*
ब्रह्मचारिणा कृतां शिवनिन्दां विशदयत ?

OR / अथवा

   b) Write the story of Mritojjivana?
"मृतोज्जीवनं"नामोपाख्यानं लिखत।

Q2)   a) Explain the condition of the people in the Kingdom of Dasaratha?   *(8)*
दशरथस्य राज्ये प्रजानां स्थितिं विवृणुत ?

OR / अथवा

   b) Explain the qualities of a scholar according to Viduraniti?
विदुरनीतिमनुसृत्य पण्डितलक्षणानि विशदयत ?

Q3)   a) Explain the favour done to the brahmin by Rajavahana.   *(8)*
राजवाहनकृतां द्विजोपकृतिं विशदयत ?

OR / अथवा

   b) Write the story of " चतुर: शशक:"
" चतुर: शशक:" – इति कथां लिखत।

Q4)   Answer the following with reference to the context. (any 3)   *(3 × 4 = 12)*
ससंदर्भ लिखत।
   a) धनैश्च सञ्चयैश्चान्यै: शक्र वैश्रवणोपम:।
   b) अनाहूत: प्रविशति अपृष्टो बहु भाषते।
   c) शरीरमाद्यं खलु धर्मसाधनम्।
   d) विनिर्गतो धूम इवावभासे।
   e) विन्ध्याटवीमध्ये भवान् किमित्येकाकी निवसति।
   f) आत्मार्थे पृथिवीं त्यजेत्।
   g) नक्षत्राणीव चन्द्रमा:।
   h) निन्दितानि न सेवते।

Q5) Translate any two into English or Telugu : *(2 × 3 = 6)*

आन्ध्रभाषया वा आंग्लभाषया वा अनुवादं लिखत।

a) तेथ सत्याभिसंधेन त्रिवर्गमनुतिष्ठता।

पालिता सापुरी श्रेष्ठा इन्द्रेणामरावती।।

b) यस्य कृत्यं नधानन्ति मन्त्रं वा मन्त्रितं परे।

कृतमेवास्य जानन्ति स वै पण्डित उच्यते।।

c) अमित्रं कुरुते मित्रं मित्रं द्वेष्टि हिनस्ति च।

कर्म चारभते दुष्टं तमाहुर्मूढयेतसम्।।

d) प्रयुक्त सत्कार विशेषमात्मना न मांपरं संप्रतिपत्तु महसि।

यत: सतां संततगात्रि, संज्ञतं मनीषिभि साप्तपदीन मुच्यते।।

Q6) a) Write the forms of any three in the other numbers of the given persons. *(3 × 2 = 6)*

त्रयाणां इतरवचनेषु रूपाणि लिखत।

1) गमिष्यति
2) भवतु
3) अपश्यत्
4) लभे
5) ऐच्छत्
6) भाषे
7) लिखाम
8) तिष्ठति

b) चतुर्णां तत्तद्विभक्तिषु रूपाणि लिखत। *(4 × 2 = 8)*

1) रामेण
2) फलस्य
3) कवये
4) धातारम्
5) देवे
6) पित्रे
7) वरिणा
8) नदी

c) Combine any four :

चत्वारि सन्धत्त। *(4 × 2 = 8)*

1) कपि + ईश:
2) नव + उदय:
3) गुरु + आज्ञा
4) तत् + टीका
5) कुर्वन् + एव
6) षट् + मुख:
7) तत् + लय:
8) नृप: + जयति

d) Dissolve any three :   *(3 × 2 = 6)*

त्रयाणां विग्रहवाक्यानि लिखत।

1) समक्षम्
2) गुरुदक्षिणा
3) नरसिंह:
4) कुम्भकार:
5) रामकृष्णौ
6) सीतापति:
7) विद्यधनम्
8) अधर्म:

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B.A./B.Com./B.Sc./B.B.M./B.B.A. DEGREE EXAMINATION, MAY - 2017

(Examination at the end of First Year)

First Year

I.H.C. (Part - I)

Time : 1$\frac{1}{2}$ Hour   **Maximum Marks : 50**

SECTION – A   **(2 x 13 = 26)**

Answer any two of the following

Q1) Describe the Vedic Culture and its importance.

వైదిక సంస్కృతిని వివరించి దాని లక్షణాలను తెలపండి.

Q2) Describe the influence of Islam on Indian culture.

భారత సమాజముపై ఇస్లామ్ ప్రభావమును వివరించుము.

Q3) Describe evolution of caste system.

కులవ్యవస్థ యొక్క పరిణామాలను వివరించుము.

Q4) Describe the culture achievements under the Guptas administration.

సాంస్కృతిక రంగంలో గుప్తులు సాధించిన విజయాలను వివరించుము.

Q5) Explain rise of Indian Nationalism.

జాతీయోద్యమమును గూర్చి వ్రాయుము.

Q6) Write a note on Eradication of untouchability.

అంటరాని తనము నిర్మూలన గూర్చి ఒక వ్యాసమును వ్రాయుము.

SECTION – B   **(3 x 4 = 12)**

Write short notes on any three of the following questions

Q7) Vardhamana Mahavira.

వర్ధమాన మహావీర.

Q8) Din-I Ilahi.
దినె యి లాహి.

Q9) Jainism.

జైనమతము.

Q10) Bhakthi Movement.

భక్తి ఉద్యమము.

Q11) Theosophical society.

ధియోసాఫికల్ సొసైటి.

Q12) Rama Krishna Paramahamsa.

రామకృష్ణ పరమహంస.

Q13) Struggle against caste.

కులవ్యతిరేక పోరాటం.

Q14) Non violence.

అహింస.

SECTION – C   (12)

Q15) Fill in the blanks:

ఖాళీలను పూరింపుము:

   a) Arya Samaj was founded by _____
     ఆర్యసమాజము ఎవరి ద్వారా స్థాపించబడెను _____

   b) Kautilya wrote _____
     కౌటిల్యుని గ్రంథము _____

   c) Sultans originally came from _____
     సుల్తానులు ఏ ప్రాంతమునకు చెందినవారు _____

   d) Ashoka's inscriptions were in _____ language.
     అశోకుని స్తూపములు ఏ భాషలో గలవు _____

Q16) Choose the correct answer:

సరైన సమాధానమును గుర్తింపుము:

a) Oldest veda was
   i) Yajur veda
   ii) Sama veda
   iii) Atharvana veda
   iv) Rug veda

a) పురాతన వేదము

   i) యజర్ వేద

   ii) సామ వేద

   iii) అధర్వన వేద

   iv) ఋగ్వేదము

b) Poet of Krishna Deva Rai
   i) Tenali Ram
   ii) Tulsi Das
   iii) Kabir Das
   iv) Ameer khusro

b) కృష్ణదేవరాయుని కవి

   i) తెనాలిరామ

   ii) తులసిదాసు

   iii) కబీరుదాసు

   iv) అమిర్ కుస్రా

c) Great bath was discovered at
   i) Harappa
   ii) Lothal
   iii) Mohenjadaro
   iv) Kalibangam

c) గొప్ప స్నానవాటిక

   i) హరప్ప

   ii) లొథల్

   iii) మొహంజదారొ

   iv) కాలిభంగమ్

d) The first kingdom established in South
   i) Cholas
   ii) Satvahanas
   iii) Kakatiya
   iv) None

d) దక్షిణమును స్థాపించబడిన మొదటి రాజ్యము

    i) చోళ

    ii) శాతవాహన

    iii) కాకతీయ

    iv) ఏదికాదు

Q17) Match the following:

a)	Satya graha	i)	Ganga
b)	Magadh	ii)	Rudrama devi
c)	Kalinga	iii)	Revenue assignment
d)	Marco polo	iv)	Gandhiji
		v)	Odisha
		vi)	Heriditary system

క్రింది వాటిని జతపరచుము:

a)	సత్యాగ్రహా	i)	గంగా
b)	మగద	ii)	రుద్రమదేవి
c)	కళింగ	iii)	రెవెన్యూ అప్పగింతలు
d)	మార్కుపాలా	iv)	గాంధీజీ
		v)	ఒడిస్సా
		vi)	Heriditary system

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BBM/BBA DEGREE EXAMINATION, MAY - 2017
First Year
MICRO ECONOMICS

Time : 3 Hours   Maximum Marks :70

Answer any Five questions
All questions carry equal marks   (5 × 14 = 70)

Q1) Critically examine the scarcity definition of Economics.

Q2) State and explain the law of demand with limitations and exceptions.

Q3) Explain the law of diminishing marginal Utility with limitations and exceptions.

Q4) Describe the consumers equilibrium through in difference curve.

Q5) Define elasticity of demand. Explain various types of elasticity of demand.

Q6) Explain the law of variable proportions and discuss its limitations and importance.

Q7) Write about internal economies and external economies.

Q8) Explain firm and industry equilibrium under the conditions of perfect competition.

Q9) What are the characteristics of Monopoly? How is price determined under Monopoly.

Q10) Critically examine Marginal productivity theory of distribution.

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B.B.M./B.B.A. DEGREE EXAMINATION, MAY – 2017
First Year
BUSINESS MATHEMATICS

Time : 03 Hours   Maximum Marks :70

Answer any Five questions
All questions carry equal marks   **(5 × 14 = 70)**

Q1) a) $\dfrac{r+1}{2} + \dfrac{2}{r+1} = \dfrac{r+1}{3} + \dfrac{3}{r+1} - \dfrac{5}{6}$.

     b)   The roots of $Px^2 - 2(P+2)x + 3P = 0$ are α and β. If $\alpha - \beta = 2$, find the values of α, β and P.

Q2) a)   In how many ways can a committee of 6 men and 2 women be formed out of 10 men and 5 women?

     b)   Find the middle term in the expansion of $\left(x + \dfrac{1}{x}\right)^{13}$.

Q3) a)   If $f(x) = \dfrac{3x+2}{3x-2}$, Prove that $\dfrac{f(x)+1}{f(x)-1} = \dfrac{3x}{2}$.

     b)   Evaluate $\underset{x \to 2}{Lt} \dfrac{x^2 - 5x + 6}{x^2 - 3x + 2}$.

Q4) a)   Solve by matrix method:
$2x + 3y - z = 9$
$x + y + z = 9$
$3x - y - z = -1$

     b)   Prove that $A - B = A \cap B^c$ and hence show that

        i) $A - (B \cap C) = (A - B) \cup (A - C)$

        ii) $A - (A - B) = (A \cap B)$

Q5) a) Find the angle between the vectors
$\vec{a} = i + 2j + k$ and $\vec{b} = 7i + 4j + k$.

b) Solve the following by Cramer's rule.
$4x + 3y + z = 8$
$2x + y + 4z = -4$
$3x + z = 1$.

Q6) a) Find the differential coefficient of $(1 + x)^x$.

b) Differentiate the following function w.r.to
$$y = x^2 \sqrt{\frac{2x - 1}{x + 1}}.$$

Q7) a) Evaluate $\int (3x^2 + 2x + 1) dx$.

b) $\int (2x - 3) \sqrt{(x^2 - 3x - 4)} \, dx$.

Q8) a) Find for what value of x, the following expression is maximum and minimum respectively;
$2x^3 - 15x^2 + 24x - 15$
Find also maximum and the minimum value.

b) If $y = \sqrt{\frac{1-x}{1+x}}$, prove that $(1 - x^2)\dfrac{dy}{dx} + y = 0$.

Q9) a) Solve the following L.P.P. using the graphic method.
Maximize : $Z = 3x_1 + 5x_2$
Subject to the constraints
$$x_1 + 2x_2 \leq 2000$$
$$x_1 + x_2 \leq 1500$$
$$x_2 \leq 600$$
and $x_1, x_2 \geq 0$.

b) Using the simplex method solve the L.P.P.
Minimize : $Z = 4x_1 + 5x_2$
Subject to : $2x_1 + 3x_2 = 12$
$$x_1 + 2x_2 = 6$$
$$x_1 + x_2 \geq 0.$$

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B.B.M./B.B.A. DEGREE EXAMINATION, MAY – 2017
First Year
COMMERCE
Financial Accounting

Time : 3 Hours

Maximum Marks : 70

Answer any Five of the following. (5 × 14 = 70)
All questions carry equal marks.

Q1) What is law of equality in assets and equities? Explain.

Q2) Explain the types of subsidiary books?

Q3) Illustrate petty cash book under imprest system.

Q4) What is single entry book keeping system-Advantages.

Q5) Company shares Vs. Debentures.

Q6) From the following prepare three column cash book.

Jan. 1. Opening balance of cash a/c Rs. 11,200 and Bank a/c Rs.8,300.

2. Bought Furniture Rs. 3,600.

5. Goods sold on cash Rs. 2,400.

8. Cash paid into bank Rs. 4,400.

10. Cash received from Krishna 3,800 allowed him discount Rs. 200.

14. A cheque issued to Rashid for Rs.1,940 allowed us discount 60.

21. Cash withdrew from the bank for office use Rs. 2,000.

24. Dividends collected Rs.1,500.

26. Paid for salaries and wages Rs.4,100.

27. Personal drawings from bank Rs. 1,000.

Q7) On 5-01-2016 Ram Sold goods to Vikram for Rs. 5,000. Ram drew a bill for 3 months on Vikram, returned after his proper acceptance. On the same date, the bill was discounted with the bank at 12% per annum. On the due date, the bill was dishonoured and paid notary charges for Rs.200. Pass necessary Journal entries in the books of Ram.

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Q8) Prepare bank reconciliation statement as on 31-12-2016.

    a)   Over draft balance as per pass book Rs. 7,500.
    b)   Cheques deposited in the bank, but not realised before the date Rs. 1,200.
    c)   Cheques issued to the creditors for Rs. 3,300 but not presented for payment.
    d)   Interest on Bank over draft of Rs.210 and bank charges Rs.140 recorded in Passbook only.
    e)   The banker has paid subscriptions Rs.500 on the standing instruction of the customer, not entered in the cash book.

Q9)   From the following Trial balance as on 31-12-2016 prepare trading & profit and loss a/c and the Balance sheet as on the date.

Debit Balances	Rs.	Credit Balances	Rs.
Freehold land	70,000	Mortgage loan	40,000
Loose tools	11,200	Bills payable	6,800
Machinery	2,43,000	91,000 Sales	
Sundry debtors		36,400 Creditors	31,200
Bank	22,000	Apprentice premium	5,350
Opening stock		21,000 Capital	75,000
Insurance		600	
Bad debts		6,120	
Bills receivable	10,800		
Purchases		1,00,000	
Cash in hand		1,280	
Rent		3,100	
Wages		21,400	
Trade expenses	2,050		
Salaries	3,120		
Carriage inward	700		
Discount (Dr.)		580	
		4,01,350	
4,01,350			

Adjustments:
    a) The closing stock was Rs. 65,000.
    b) Depreciate 10% on freehold land.
    c) Writeoff bad debts on debtors Rs.1,400 and create reserve for bad debts at 5%.
    d) Outstanding salaries Rs.880.

Q10) X and Y were equal Partners in a business. Their Balance sheet as on
31-12-2016 as follows.

Liabilities	Rs.		Assets	Rs.
Reserve fund 30,000		6,000	Machinery	
Creditors				14,000
Furniture	15,000			
X Capital 20,000		50,000	Debtors	
Y Capital 27,000		40,000	Closing stock	
Cash 18,000				
1,10,000				1,10,000

Mr. Z was admitted into business on the following terms.

a) Mr. Z shall contribute Rs. 60,000 for his capital ($1/3^{rd}$ share in profits) and Rs.10,000 for goodwill.
b) Depreciate machinery at 10%
c) The closing stock revalued at Rs.40,000.

Prepare necessary accounts and the new balance sheet of X, Y and Z.

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(DBPM11)

Total No. of Questions : 10]   [Total No. of Pages : 01

BBM/BBA DEGREE EXAMINATION, MAY – 2017
First Year
PRINCIPLES OF MANAGEMENT

Time : 3 Hours   Maximum Marks : 70

Answer any FIVE questions
All questions carry equal marks   (5×14=70)

Q1) Explain the 14 principles of management?

Q2) What are the different managerial roles? Discuss management functions?

Q3) What do you understand by organising? Explain its nature.

Q4) Explain the term 'line-staff relationships'. Give its significance.

Q5) What are the basic principles of planning? Give its objectives.

Q6) What are the different techniques of control? Explain in detail.

Q7) Explain the scope and importance of directing?

Q8) Describe the term 'leadership'. Explain its nature and importance.

Q9) What is Co-ordination. Explain its need and importance?

Q10) Discuss any three modern management theories.

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(DBBS11)

Total No. of Questions : 10]   [Total No. of Pages : 01
BBM/BBA DEGREE EXAMINATION, MAY – 2017
First Year
BEHAVIOURAL SCIENCES
Time : 3 Hours   Maximum Marks : 70

Answer any FIVE questions
All questions carries equal marks   (5×14=70)

Q1) Analyse the contributions of various disciplines to organisational behaviour.

Q2) Discuss various models of man with their implication on organisational behaviour.

Q3) Give a detailed account of theory X, and theory Y. And discuss the significance in organisation.

Q4) Define personality. Explain the factors that determine human personality.

Q5) Can attitudes be change? What factors you consider while changing the attitudes?

Q6) Define term perception. State various perceptual blocks in detail.

Q7) What is a group? Explain the need for formation of groups.

Q8) Compare and contrast Maslow's theory of motivation and Herzberg Two-Factor theory.

Q9) Explain in detail the causes and process of change.

Q10) Discuss the superiority of group decision-making over individual decision- making.

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