

(DENG 1)

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B.A./B.com./B.Sc./B.B.M./B.B.A./B.H.M.

DEGREE EXAMINATION, DECEMBER – 2016

First Year

ENGLISH (Paper-I)

Time : 3 Hours

Maximum Marks: 70

SECTION-A

(Analysis Skills)

Q1) a) Read the following passage and answer the questions that follow: **(5 × 1 = 5)**

Dasa explained the strategy he had employed to catch and seal the snake in the pot. Dasa had the glow of a champion. “Don’t call me an idler hereafter”, he said. After Dasa was gone, out of a hole in the wall a cobra emerged. The college boy remarked, “I wish I had taken the risk and knocked the water pot from Dasa’s hand, we might have known what it contained”.

- 1) Why did Dasa have the glow of a champion?
- 2) From where did the cobra emerge?
- 3) How would the college boy have known what the pot contained?
- 4) From which lesson is this passage taken?
- 5) Who is the author?

b) Read the following passage carefully and answer the questions that follow by choosing the right answer: **(5 × 1 = 5)**

It seems like we can’t eat or drink anything these days without being told it’ll make us fat or cause cancer. We try to eat canned tuna (a kind of fish) to eat less fat and we get mercury poisoning. We eat fruit and vegetables for the vitamins and fibre but the pesticides give us tumours. Farm-raised Salmon will give you swineflu. Whatever happened to the good old days when we got fat from eating too much cake and we got sick from overeating. Now I hear you can get cancer from worrying about getting cancer.

- 1) What is being told about the things that we eat or drink?
 - a) It’ll make us strong
 - b) It is great
 - c) It can fatten and cause cancer
 - d) None of the above

- 2) What are the advantages of eating fruit and vegetables?
 - a) It gives vitamins and fibre
 - b) It has pesticides
 - c) It makes us fat
 - d) None of the above
- 3) Name the disease you may get if you eat farm-raised salmon.
 - a) Poisoning
 - b) Swineflu
 - c) Tumours
 - d) Cancer
- 4) How were the good old days?
 - a) We could overeat
 - b) We got cancer
 - c) We worried
 - d) We ate canned tuna
- 5) Which word in the passage means 'anxiety'?
 - a) Mercury
 - b) Tumours
 - c) Worry
 - d) Poisoning

Q2) a) Correct the following sentences: **(5 × 1 = 5)**

- i) Ruhi gave to me the ring.
- ii) Where you are staying?
- iii) Ajay is in army.
- iv) The oranges are rich in vitamins.
- v) One must do his duty.

b) Rewrite the sentences as directed: **(5 × 1 = 5)**

- i) He wrote a book. (Change the voice)
- ii) His father is a scientist. (Add a question tag)
- iii) The boy said, "You can come tomorrow".
(Change into indirect speech)
- iv) Although the curry was salty, Amit did not complain.
(Change into a simple sentence)
- v) Raja is the cleverest boy in the class.
(Change into comparative degree)

c) Change the following into direct speech. **(2 × 1 = 2)**

- i) Seema told that She had washed the clothes.
- ii) Grandfather asked me if I had eaten.
- d) Fill in the blanks with correct forms of verbs given in the brackets. **(5 × 1 = 5)**
 - i) I _____ (go) to Pune tomorrow.
 - ii) There _____ (be) many students in this class.
 - iii) She _____ (go) to the gym everyday.
 - iv) He _____ (give) me a toy.
 - v) When I _____ (sleep), the doorbell rang.
- e) Fill in the blanks with suitable words given at the end of the list. **(5 × 1 = 5)**
 - i) The girl _____ as the curtain came down.
 - ii) I look forward to _____ from you.
 - iii) The new technology is _____ to the old one.
 - iv) I don't mind _____ my room.
 - v) We _____ to eat out tonight.
(hearing, bowed, sharing, plan, superior)
- f) Rewrite the following set of jumbled sentences to make them into a coherent passage: **(3)**
 - i) Your subconscious mind is the seat of your emotions.
 - ii) There are two levels of your mind, the conscious and subconscious.
 - iii) It is the creative mind.
 - iv) You think with your conscious mind.
 - v) Whenever you habitually think, it sinks into your subconscious mind, which then creates according to the nature of your thoughts.
- g) Write a dialogue between a customer and clerk regarding reservation of a room. **(3)**
- h) Write a paragraph using the following hints: **(3)**
 Reading hobby – good and bad books – books as best companions – they entertain and educate – guide and make life richer.
- i) Write in about 100 words on any one of the following: **(3)**
 - i) My ambition
 - ii) Punctuality
 - iii) Cricket in India

SECTION-B

(Descriptive skills)

Write an essay on any One: (1 × 5 = 5)

- Q3)** a) Sketch the character of the thief.
b) Narrate 'A snake in the Grass' in your own words.
c) Write a note on Magda and her family.

Q4) Write about notes on Any Three of the following: (3 × 3 = 9)

- a) Write an appreciation of Walker's 'Go Lovely Rose'.
b) Describe Masefield's advice in 'Laugh and Be Merry'.
c) How does the train leave the station?
d) What is the central idea of the poem, 'Piano and Drums'?
e) What are the thoughts expressed by the poet in, 'Sonnet to Science'?

Q5) Write an essay on One of the following: (1 × 4 = 4)

- a) Narrate the story of 'God Sees the truth but waits'.
b) Justify the title, 'The Open Window'.
c) Describe the pathetic condition of the refugees.

Q6) a) Explain any Two of the following: (2 × 2 = 4)

- i) I can answer in one word. It is victory.
ii) I have learnt from experience that I am not wise enough to advise others.
iii) She's coming over here to study?

b) Explain any One of the following: (1 × 4 = 4)

- i) And then it is done.
ii) And filled them full with the strong red wine of his mirth.



(DTEL 1)

Total No. of Questions : 7]

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B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M. DEGREE EXAMINATION, DEC. – 2016

First Year

TELUGU (PAPER – I)

Poetry, Novel and Grammar

Time : 3 Hours

Maximum Marks: 70

Q1) ఈ క్రింది పద్యాలలో ఒకదానికి ప్రతి పదార్థ తాత్పర్యాలు వ్రాయండి. (6)

- a) క్షీరాంబోధి మథించి తాను గృపతో గీర్వాణ కోటిన్ సుధా
పూర ప్రీతిగః జేసినట్టి చెలువంబుం జూపునట్టింపుగా
నారం గాఁగిన పాల మీఁగడలు హస్తాబ్జంబులం దేవి లీ
లొరమ్మంబుగఁ దోడి బాలురకు నెల్లం బెట్టి తానుం గొనున్.
- b) విపలీత ప్రతిభాష లేమిటికి నుల్వినాథ యీ పుత్రగా
త్ర పరిష్కంగ సుఖంబు సేకొనుము ముక్తాహార కర్పూరసాం
ద్రపరాగ ప్రసరంబుఁ జందనముఁ జంద్ర జ్యోత్స్న యుం బుత్రగా
త్ర పరిష్కంగమునట్లు జీవులకు పృథ్వంబే కడున్ శీతమే.

Q2) ఈ క్రింది వానిలో 'అ' భాగం నుండి రెండింటికి, 'ఆ' భాగం నుండి రెండింటికి సందర్భసహిత వ్యాఖ్యలు వ్రాయండి. (4 × 2 = 8)

అ - భాగం

- a) తప్పఁ బలుకనగునె ధార్తికులకు
b) అఱలేక వెనుచు తరుణియ కాదెట్లు తల్లి తాను.
c) వారు బ్రాహ్మణులె యేకీడైన సైరింపగన్.
d) మగ డింక నన్ను సైచునె.

ఆ - భాగం

- a) వెనుక పడితే వెనకేనోయ్.
b) చల్లు డాంధ్ర లోకమున నక్షతలు నేడు.
c) ఎంత నిర్మలమోయి నీ హృదయ కళక!
d) పిలికి పిట్టలు మేలి రకముగా కూసినై.

Q3) ఈ క్రింది వానిలో 'అ' భాగం నుండి ఒకదానికి, 'ఆ' భాగం నుండి ఒకదానికి వ్యాసరూప సమాధానాలు వ్రాయండి (2 × 6 = 12)

అ - భాగం

- a) బెజ్జ మహాదేవి శివుని ప్రసన్నము చేసి కొనిన విధమును తెల్పండి.
- b) శకుంతలోపాఖ్యానములో దుష్కంతుని పాత్ర చిత్రీకరించబడిన విధమును పేర్కొనండి.

ఆ - భాగం

- a) చిరుతొండ నంది దంపతులు పరమశివునికి గావించిన పరిచర్యలను పేర్కొనండి.
- b) శ్రీకృష్ణుని బాల్య క్రీడలను వర్ణించండి.

Q4) ఈ క్రింది వానిలో 'అ' భాగం నుండి ఒకదానికి, 'ఆ' భాగం నుండి ఒకదానికి వ్యాసరూప సమాధానాలు వ్రాయండి (2 × 6 = 12)

అ - భాగం

- a) గుఱ్ఱం జాషువా గారి 'ఆవేదన'ను వర్ణించండి.
- b) విద్వాన్ విశ్వం వర్ణించిన రాయలసీమ.

ఆ - భాగం

- a) గురజాడ వారు ప్రబోధించిన దేశభక్తి లక్షణాలను పేర్కొనండి.
- b) కర్షకుల దుస్థితిని గురించి దువ్వురి వారు వర్ణించిన విధమును తెల్పండి.

Q5) ఈ క్రింది వానిలో రెండింటికి సమాధానాలు రాయండి. (2 × 6 = 12)

- a) ఇందిర వ్యక్తిత్వము.
- b) కృష్ణమూర్తి బలహీనతలు.
- c) కాలతీత వ్యక్తుల కాలం నాటి కుటుంబ సంబంధాలు.
- d) వసుంధర పాత్ర.

Q6) ఈ క్రింది వాటిలో ఐదింటిని విడదీసి సంధి కార్యాలు వ్రాయండి.

(5 × 2 = 10)

- a) ధర్మేతర
- b) సైపకున్నె
- c) మహానందము
- d) ఎప్పొట
- e) వేణవట్టె
- f) తన్వంగి
- g) పెద్దన్న
- h) ఉత్తుత్త
- i) పెల్లుట్టికి
- j) ముద్దరాలు

Q7) ఈ క్రింది వాటిలో ఐదింటికి విగ్రహ వాక్యాలు వ్రాసి, వాటి సమాసనామాలు తెల్పండి. **(5×2= 10)**

- a) ఉత్తలాక్షి
- b) నాట్యకేళి
- c) చింత చెట్టు
- d) సత్కృతువు
- e) గుడి గోపురాలు
- f) గర్భ దలద్రుడు
- g) వెయ్యూవులు
- h) హృదయ కళక
- i) కిన్నెర నడకలు
- j) కఠోర క్రియ



(DSAN1(NR))

Total No. of Questions : 6]

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B.A./B.Com./B.Sc./B.B.M./B.B.A./B.H.M./DEGREE

EXAMINATION, OCTOBER - 2016

(Examination at the end of First Year)

SANSKRIT (Paper – I) (NR)

Time : 3 Hours

Maximum Marks : 70

Answer the following

(2 × 10 = 20)

- Q1)** a) Explain the condition of the people in the Kingdom of Dasaratha?
दशरथस्य राज्ये प्रजानां स्थितिं विवृणुत।
(OR) अथवा
- b) Explain in not more than 300 words the characteristics of a learned man according to Viduraniti
विदुरनीती प्रतिपादितरीत्या पण्डितलक्षणानि 300 मितेषु पदेषु विवृणुत।
- Q2)** a) What was Parvati's answer to the criticism of siva made by the celibate?
शिवनिन्दां श्रुत्वा पार्वती किमब्रवीत् ?
(OR) अथवा
- b) Write the story of "Mrtojjivana"?
मृतोज्जीवनं नामोपाख्यानं लिखत ?
- Q3)** a) Explain the Favour done to the brahmin by Rajavahana.
राजवाहनकृतां द्विजोप्रकृतिं विशदयत।
(OR) अथवा
- b) Write the story of चतुरः शशकः
“चतुरः शशकः” – इति कथां लिखत।
- Q4)** Answer the following with reference to the context. (4 × 4 = 16)
चत्वारि ससंदर्भं लिखत।
- a) शशास वै शक्रस्यो महीपतिः।
b) द्रष्टुं शक्यमयोध्यायां न विद्वान्नयनास्तिकः।
c) मित्रं द्वेष्टि हिनस्ति च।
d) अनाहूतः प्रतिवसति आपृष्टो बहुभाषते।
e) विभावरी यध्यरूणाय कल्पते।
f) शरीरमाद्यं खलु धर्मसाधनम्।
g) लोको दुर्जनकगृको नास्ति।
h) अपदेशेन महतां सिद्धिः संजायते परा।
- Q5)** Translate any two in to English or Telugu : (2 × 3 = 6)

श्लोकस्य आंग्लभाषायां आन्ध्रभाषायां वा अनुवदत।

- a) तेथ सत्यभिसंधेन त्रिवर्गमनुतिष्ठता।
पालिता सापुरी श्रेष्ठा इन्द्रणामरावती॥
- b) यस्य कृत्यं न जानन्ति मन्त्रं वा मन्त्रितं परे।
कृतमेवास्य जानान्ति स वै पण्डित उच्यते॥
- c) प्रयुक्तसत्कार विशेषमात्मना न मांपरं संप्रतिपत्तु मर्हसि।
यतः सतां संततगात्रि, संज्ञतं मनीषिभि सप्तपदीन मुच्यते॥
- d) अमित्रं कुरुते मित्रं मित्रं द्वेष्टि हिनस्ति च।
कर्म चारभते दुष्टं तमाहुर्मूढचेतसम्॥

Q6) a) Write the forms of any three in the other numbers of the given persons. $(3 \times 2 = 6)$
त्रयाणां इतरवचनेषु रूपाणि लिखत।

- 1) गमिष्यति
- 2) भवतु
- 3) इच्छानि
- 4) वन्दते
- 5) पश्यतु
- 6) युध्येय

b) चतुर्णां तत्तद्विभक्तिषु रूपाणि लिखत। $(4 \times 2 = 8)$

- 1) रामेण
- 2) धातारम्
- 3) गौः
- 4) कलस्य
- 5) रमाम्
- 6) मतिषु
- 7) कवये
- 8) मधूनि

c) Combine any four चत्वारि सन्धत् $(4 \times 2 = 8)$

- 1) सुर + इन्द्रः

- 2) उप + एति
- 3) वधू + ऊहः
- 4) नै + अकः
- 5) देवी + आज्ञा
- 6) रत्न + आकरः
- 7) कुर्वन् + एव
- 8) नै + अकः

d) Dissolve any three

(3 × 2 = 6)

त्रयाणां विग्रहवाक्यानि लिखत।

- 1) शीतोष्णम्
- 2) चोरभयम्
- 3) अधर्मः
- 4) प्रत्यहम्
- 5) कृष्णसर्पः
- 6) राजपुरुषः
- 7) चक्रपाणिः
- 8) कुम्भकारः



(DHIN1(NR))

Total No. of Questions : 8]

[Total No. of Pages : 02

BA/BCOM/BSC/BBM/BBA/BHM /DEGREE EXAMINATION,

DEC. - 2016

(Examination at the end of First Year)

HINDI

Hindi (Paper – I) (NR)

Time : 3 Hours

Maximum Marks : 80

SECTION – A

- Q1) किन्हीं तीन की सन्दर्भ सहित व्याख्या कीजिए। (3 × 3 =9)
- a) जिस समाज के लोग अपनी झूठी प्रशंसा समझकर प्रसन्न होते हैं, वह समाज की प्रशंसनीय नहीं समझा जाता।
- b) भारतीय साहित्य का एकता का आदर्श सदैव हमारा राष्ट्रीय एकता के लिए अक्षय क्षात रहा है और रहना चाहिए।
- c) ईर्ष्या की बड़ी बेटा का नाम निंदा है। जो व्यक्ति ईर्ष्यालु होता है, वही व्यक्ति बुरे किस्म का निन्दक भी होता है।
- i) शत में खुद अपने काम का नुकसान करने आप को कृतार्थ करने आये है, उन्हे क्या मालुम उनके कारण हिन्दी का भण्डार कितने रत्नों से वंचित रह जाता हैं।

SECTION – B

- Q2) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए। (10)
- a) ईर्ष्या तु नगयी मेरे मनसे।
- b) कवि और कविता।
- Q3) किसी एक पाठ का सारांश विशेषताओं सहित लिखिए। (10)
- a) अतिथि।
- b) नीलाकान्त।
- Q4) किसी एक कहानी का सारांश विशेषताओं सहित लिखिए। (10)
- a) उसने कहा था।
- b) रोज।
- Q5) व्यायाम का महत्व बताते हुए। उसने छोटे भाई को पत्र लिखिए। (10)
- (अथवा)
- अपनी बहन की शादी पर अपने मित्र को आमंत्रित करते हुए एक पत्र लिखिए।

Q6) किन्हीं दो प्रश्नों का जवाब दस पक्तियों में लिखिए। (2 × 3 = 6)

- a) लहन सिंह का चरित्र चित्रण कीजिए।
- b) “मालती” का चरित्र चित्रण कीजिए।
- c) “शामनाथ” का चरित्र चित्रण कीजिए।
- d) “गंगी” का चरित्र चित्रण कीजिए।

Q7) सब प्रश्नों का लिखना अनिवार्य है। (10 × 2 = 20)

- a) सेठ सब्जी बेचता है। (लिंग बदलकर लिखिए।)
- b) बच्चा स्कूल जाता है। (वचन बदलकर लिखिए।)
- c) सीता ने किताब पडी। (वाच्य बदलकर लिखिए।)
- d) सीता ने गीत गाया। (भविष्यत काल में लिखिए।)
- e) तुम हिन्दी सीखना चाहिए। (वाक्य शुद्ध कीजिए।)
- f) किताब मेज ----- है (कारक चिन्ह लिखिए।)
- g) रामने गया। (शुद्ध कीजिए।)
- h) लडका पाठशाला जाता है। भूत काल में लिखिए।
- i) बाजार में पुरुष जा रहे हैं। (वचन बदलिए।)
- j) Station (ईस शब्द का अर्थ हिन्दी में लिखिए।)

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

- a) निस्सदेह।
- b) उथल-पुथल।
- c) लोक भाषा।
- d) मूसलाधार।
- e) बादशाह।



(DSPL 11)

Total No. of Questions : 10]

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B.Sc. DEGREE EXAMINATION, DECEMBER – 2016

First Year

Programming Using C Language (IT)

Time : 3 Hours

Maximum Marks: 70

Answer Any Five questions

All questions carry equal marks

- Q1)** Explain constant and variables. And basic structure of “C” program.
- Q2)** What are the various types of operators used in the C programming?
- Q3)** Write about looping statements in “C” Language.
- Q4)** What do you mean by storage classes?
- Q5)** Explain in detail about functions in “C” Language.
- Q6)** What is array? Explain different types of array. Explain each with an appropriate example.
- Q7)** What do you mean by string? Explain what are the various string handling operations?
- Q8)** Differentiate between call by value and call by reference. What do you mean by recursion? Explain with an example.
- Q9)** Write a program to find the Matrix Multiplication.
- Q10)** Explain about file management in “C” Language.

●●●●●

(DSCO11)

Total No. of Questions : 10]

[Total No. of Pages : 02

B.Sc. DEGREE EXAMINATION, DEC. – 2016

First Year

INFORMATION TECHNOLOGY (PART – II)

Computer Organization (Paper - I)

Time : 3 Hours

Maximum Marks: 70

Answer Any Five Questions

All questions Carries Equal Marks

- Q1)** a) Explain about Combinational circuits.
b) Discuss about various logic gates with symbols, logic tables and truth tables.
- Q2)** What is an addressing modes, Discuss about the various types of addressing modes with example.
- Q3)** a) Explain about stack organization.
b) Briefly explain RISC Instructions.
- Q4)** Briefly explain parallel processing.
- Q5)** Explain Multiplication algorithm and Division algorithm with example.

(DSCO11)

Q6) Discuss about the various priority interrupts.

Q7) Briefly explain about DMA.

Q8) Explain the following

- a) Virtual memory.
- b) Cache memory.

Q9) Discuss about various peripheral devices with example.

Q10) Explain the function and working of

- a) Decoder.
- b) Multiplexer.



(DSDS11)

Total No. of Questions : 10]

[Total No. of Pages : 02

B.Sc. DEGREE EXAMINATION, DECEMBER – 2016

First Year

PART – II: INFORMATION TECHNOLOGY

Paper I: Data Structures

Time : 3 Hours

Maximum Marks: 70

SECTION - A

Answer any FIVE question

All questions carry equal marks

- Q1)** a) What are the Disadvantages of using Array representation of Stack.
b) Write an algorithm to convert an Infix to Postfix expression.
- Q2)** a) Compare Stack and Queue.
b) List and Explain the Operations performed on Queue.
- Q3)** Briefly explain the Classification of Datastructures.
- Q4)** a) Write about Multidimensional Array.
b) Write an algorithm to find the reverse of String.

(DSDS11)

- Q5)** a) Define pointer. What are the advantages and disadvantages of using pointer.
- b) Explain DMA.
- Q6)** What is a Linked List? Explain different types of Linked List in detail.
- Q7)** What is Queue. Explain types of queues.
- Q8)** a) Explain about Recursions.
- b) Explain the procedure for Quick sort with example.
- Q9)** a) Define Binary Tree and Binary Search Tree.
- b) Write about Tree Traversal techniques with examples.
- Q10)** a) What do you mean by Divide and Conquer procedure.
- b) Explain about BFS and DFS.



(DSDM11)

Total No. of Questions : 7]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DEC. - 2016

First Year

MATHEMATICS

Discrete Mathematics (IT)

Time : 03 Hours

Maximum Marks :70

Answer any Five questions

Each question carries 14 marks

(5 × 14 = 70)

- Q1)** a) If A and B are finite sets, then $A \cup B$ and $A \cap B$ are finite and $n(A \cup B) = n(A) + n(B) - n(A \cap B)$.
b) Define Relation and Inverse Relations.
- Q2)** a) Define conjunction and Disjunction with examples.
b) Prove that given expression is tautology
 $(p \rightarrow q) \wedge (q \rightarrow r) \rightarrow (p \rightarrow r)$..
- Q3)** a) Define permutation and combination with examples.
b) Prove that $\binom{n+1}{r} = \binom{n}{r-1} + \binom{n}{r}$.
- Q4)** a) Explain Welch – Powell algorithm with example.
b) Explain Euler and Hamiltonian path with examples.
- Q5)** a) Write an algorithm for depth – First Search to find a spanning tree.
b) Which connected graphs can be both Regular and Bipartite.
- Q6)** a) Explain Traversing Binary tree with example.
b) Explain the correspondence between General tree and Binary tree.
- Q7)** a) Explain algorithm for finding Sum of Products forms with example.
b) Explain Minimal Boolean Expression and Prime Implicants with example.

