

**INTERNAL ASSIGNMENT QUESTIONS**  
**B.A. / B.A. (Maths & Stats) / B.Com. II YEAR**  
**Supplementary Oct / Nov. 2017**



**PROF. G. RAM REDDY CENTRE FOR DISTANCE EDUCATION**  
(RECOGNISED BY THE DISTANCE EDUCATION BUREAU, UGC, NEW DELHI)

**OSMANIA UNIVERSITY**

(A University with Potential for Excellence and Re-Accredited by NAAC with "A" Grade)

**DIRECTOR**

**Prof. C.GANESH**

**Hyderabad – 7 , Telangana State**

**PROF.G.RAM REDDY CENTRE FOR DISTANCE EDUCATION  
OSMANIA UNIVERSITY, HYDERABAD – 500 007**

Dear Students,

Every student of BA. / B.A. (Maths & Stats) / B.com II Year has to write and submit **Two Assignment** for each paper compulsorily. Each assignment carries **10 marks (10+10 =20)**. The marks awarded to you will be forwarded to the Controller of Examination, OU for inclusion in the University Examination marks. The candidates have to pay the examination fee and submit the Internal Assignment in the same academic year. If a candidate fails to submit the Internal Assignment after payment of the examination fee he will not be given an opportunity to submit the Internal Assignment afterwards, if you fail to submit Internal Assignments before the stipulated date the Internal marks will not be added to University examination marks under any circumstances.

You are required to **pay Rs.300/-** towards Internal Assignment fee through on-line payment only ([www.oucde.net](http://www.oucde.net)) and submit the same along with assignments at the concerned counter **on or before 20-10-2017** and obtain proper submission receipt.

**ASSIGNMENT WITHOUT THE EXAMINATION ON – LINE PAYMENT RECEIPT WILL NOT BE ACCEPTED**

**Assignments on Printed / Photocopy / Typed papers will not be accepted and will not be valued at any cost. Only hand written Assignments will be accepted and valued.**

**Methodology for writing the Assignments:**

1. First read the subject matter in the course material that is supplied to you.
2. If possible read the subject matter in the books suggested for further reading.
3. You are welcome to use the PGRRCDE Library on all working days including Sunday for collecting information on the topic of your assignments. (10.30 am to 5.00 pm).
4. Give a final reading to the answer you have written and see whether you can delete unimportant or repetitive words.
5. The cover page of the each theory assignments must have information as given in FORMAT below.

**FORMAT**

1. NAME OF THE COURSE :
2. NAME OF THE STUDENT :
3. ENROLLMENT NUMBER :
4. NAME OF THE PAPER :
5. DATE OF SUBMISSION :

**Note: Submit Examination fee on–line payment acknowledge receipt at counter while submitting Internal Assignment Scripts.**

6. Write the above said details clearly on every assignments paper, otherwise your paper will not be valued.
7. Tag all the assignments paper-wise and submit
8. Submit the assignments on or before **20-10-2017** at the concerned counter at PGRRCDE, OU on any working day and obtain receipt.

**Prof. C. GANESH,**

**DIRECTOR**

**BA / B.Com./BBA II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY, 2017**  
**Subject : English**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Define Emotional Intelligence ?
2. What are the views of the poet in 'The Teacher'?
3. Define the significance of listening skills.
4. Write a report on your College day
5. Who according to Owen are the 'Doomed Youth'?

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. Write a note on R.K. Narayan's 'Selvi' ?
2. Write an essay on 'Your famous movie'

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OSMANIA UNIVERSITY - Hyd-7 - Telangana.

Internal Assignment

(Supple)

Subject: TELUGU (S.L)

Paper : II

BA/Bcom/B.A. II yr  
Marks: 20

విభాగం - 1

I కింది అన్ని ప్రశ్నలకు అక్షయ సమానానాలు రాయండి. 5x2=10

1. గోరంతి వెంకన్న
2. పింగళి లక్ష్మీకాంధం
3. ఎస్. రజియా షేఖ్
4. ఆనాళ్ళ రావపాణి - చంద్రశేఖరరెడ్డి
5. కుసుమ శర్మ

విభాగం - 2

II కింది ప్రశ్నలకు సమానానాలు రాయండి. 2x5=10

1. 'శ్రీకృష్ణుని పుష్పం' ఎలాంటి వైకృతాన్ని కలిగి ఉంది?
2. మంచి వ్యాసాన్ని ఎలా రాయాలి వివరించండి.

X

Hindi

(Supple)

## INTERNAL ASSIGNMENT

Hindi  
Subject :

Section - A

UNIT - I : Answer the following short questions (each question carries two marks) 5x2=10

- 1 "निन्दक निगरे शिखरे, आंगन कुटी चबवाया  
बिन पानी आब्रन बिन, निगले करे सुभाया।" सद्गुरु साहित्यवाच्यता कीजिए?
- 2 "मीरा की भक्ति को अपने शब्दों में प्रस्तुत कीजिए?
- 3 "मातृभूमि" कविता का सारांश लिखिए?
- 4 मछोदेवी वर्मा का जीवन परिचय लिखिए?
- 5 "मादा - भूषा" कविता का पाठ सारांश लिखिए?

Section - B

UNIT - II : Answer the following Questions (each question carries Five marks)

2x5=10

1. आदि काल या वीरगाथा काल की मुख्य प्रवृत्तियाँ बताइएँ?
2. संत कवियों का परिचय देते हुए, संत काव्य की विशेषताएँ लिखिए?

INTERNAL ASSIGNMENT

(Supp.)

Subject : Sanskrit

Section - A

UNIT - I : Answer the following short questions (each question carries two marks) 5x2=10

- 1 अनन्वय - उल्लेख - अलङ्कारौ साक्षाद्दर्शौ सार्थौ निरूपयत ।
- 2 जलमुक्, तद् (पु) : सर्वासु विशक्तिषु लिखत ।
- 3 क्वा प्रत्ययः, - शान्त्यप्रत्ययस्य साक्षाद्दर्शनं लिखत ।
- 4 कौटिल्य - जगन्नाथपण्डितौ उद्दिश्य लघु निबन्धम् लिखत ।
- 5 हस्तस्पर्शो हि मातृणामजलस्य जलाञ्जलि - ससन्दर्भं लिखत ।

Section - B

UNIT - II : Answer the following Questions (each question carries Five marks) 2x5=10

1. भारतदेशस्योच्चवलयं अवतां पाठ्यक्रमानुसारं विशदयत ।
2. अजराजस्य काव्यसुषमां साक्षाद्दर्शनं समुपवर्णयत ।



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BA / B.Com./BBA II YEAR

INTERNAL ASSIGNMENT - OCTOBER - 2017

Subject : URDU (Second Language)

MARKS : 20

1۔ نوٹ : تمام سوالات کے جوابات تحریر کیجیے۔ ہر سوال کا جواب (50)  
الفاظ میں دیا جائے۔ ہر سوال کے دو نشانات مختص ہیں  
 $5 \times 2 = 10$

1۔ مثنوی "امن نامہ" کے مرکزی خیال کو اجاگر کیجیے۔

2۔ میر انیس کی مرثیہ نگاری پر نوٹ لکھیے۔

3۔ امجد علی آبادی کی رباعی گوئی کا جائزہ پیش کیجیے۔

4۔ "ذوقِ جاہلہ لاشی" کی روشنی میں ابو الکلام آزاد کی اثنائت نگاری کی  
خصوصیات تحریر کیجیے۔

5۔ "مکتوبات صفیہ" پر اظہار خیال کیجیے۔

11۔ مذکورہ ذیل سوالات کے جواب 150 الفاظ میں تحریر کیجیے۔ ہر سوال کے لیے  
پانچ (5) نشانات مختص ہیں۔  
 $2 \times 5 = 10$

6۔ "قصیدہ" کی تعریف کرتے ہوئے قصیدہ "درشانِ حمید الدولہ"  
کا تجزیاتی مطالعہ پیش کیجیے۔

7۔ داستان کہے کیتے ہیں؟ انتخاب سب رس' میں وہی نے کن  
موصوفات پر اظہار خیال کیا ہے؟



B. A II<sup>nd</sup> Year

Subject ARABIC

- Translate and explain with reference to context any five of the following verses.

- ① يَا لَيْتَا بِي أَنْتَ عِنْدِي
- ② أَقْطَفُ الْأَرْصَارَ مِنْهَا
- ③ أَقْدِمُ اسْتَاذِي عَلَى نَفْسِ وَالِدِي
- ④ وَالطَّلُ فِي سَلْبِ الْغُصُونِ كَأَوْثَانِ
- ⑤ أَنَسَانِي مَبَارِكَا
- ⑥ سِرْفِي هَوَاءَ حَلَاكِ
- أَرْضَةٌ فِيهَا الشَّجَارُ
- بِاعْتِنَاءٍ وَاصْطِبَارِ
- وَإِنْ نَالَنِي مِنَ وَالِدِي الْفُضْلُ وَالشَّرْفُ
- رَطْبًا يُصَافِحُهُ النَّيْمُ فَيَسْقَطُ
- لَا مَتَى وَوَطَنِي
- وَطَرِ بَغِيرِ حَذَرِ

II - Write the summary of any one of the following poem:

- ① الطائر
- ② الضاحية

III - Translate any one of the following passage in your own language.

- ① دخل المدرس الفصل ووجد فيه خمسة عشر طالبا فقط. فقال لهم! أين الطلاب الجدد



خمسة الذين جاءوا أمس ؟ قال عبد الله  
حضرنا اليوم وخرجوا قبل قليل أظن أنهم  
ذهبوا الى المدير.

٤) أمّا اخواتي فكلهم يدرسون بالجامعة.  
عيسى وهو أكبر مني يدرس في كلية الطب.

٥) Translate the following sentences in Arabic

- ① He went to Home
- ② Are you teachers.
- ③ Why did she come back
- ④ Your watch is beautiful.
- ⑤ I am a new teacher in the co

٦) Write a note on any one of the following topics:

- ① تدوين القرآن
- ② المخلقات السبع

٧) Fill in the blanks with suitable words  
give below:

- ① المدير \_\_\_\_\_
- ② هذه الساعة \_\_\_\_\_
- ③ أذهبت الى \_\_\_\_\_
- ④ من كسر هذا \_\_\_\_\_ ؟

⑤ اِنَ . . . . . ⑥ هل انت

( فِ ، غَالِيَةً ، اَلدَّرْسَةُ ، اَلكُرْسِيُّ ، اَنْتُمْ ، مُسَلِمٌ )

VII . Define any two of the following with examples:

① حُرُوفٌ جَائِزَةٌ ② اَفْعَالٌ نَاقِصَةٌ

③ حُرُوفٌ نَاقِصَةٌ ④ حُرُوفٌ مُشَبَّهَةٌ بِفِعْلِ

**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**  
**Subject : Modern Language English**

**UNIT – I : Answer the following questions (each question carries two marks)                      5x2=10**

1. Discuss the novel as a document of social life.
2. Write a short note on metaphysical poetry.
3. Explain the origin of Drama
4. What is the significance of the title “L’Allegro”?
5. What is tragedy.

**UNIT – II : Answer the following Questions (each question carries Five marks)                      2x5=10**

1. Comment on the predominance of emotion between Desdemona and Othello in “Othello”
2. What are the main features Mock –Epic Poetry ? Discuss “The Rape of the Lock” as Mockepic poem.

**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : Geography**

**Paper – II : Economic Geography**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Define Environmental Geography
2. Concept of Resources
3. What is urbanization
4. Conditions for growth of cotton crop
5. Major fishing grounds of the world

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. What are the population problems in developed and developing countries ?
2. Explain the distribution of Iron and steel industry in world.

**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : Public Administration**

**Paper – II :Public Administration in India**

**UNIT – I : Answer the following short questions (each question carries two marks)                      5x2=10**

1. Koutilya's Elements of State ?
2. Emergency Powers of the President of India.
3. Sarkaria Commission
4. Union List
5. National Development Council.

**UNIT – II : Answer the following Questions (each question carries Five marks)                      2x5=10**

1. Explain the Relationship between Secretariat and Directorates
2. Discuss the changing role of district collector in district Administration.

**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**  
**Subject : Political Science**

**Paper – II : Indian Government and Politics**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Fundamental Duties
2. Home Rule Movement
3. Meaning of Judicial Activism
4. T.R.S.
5. Powers and Functions of Election Commission

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. Discuss about the Emergency Powers of President of India.
2. Explain the Central – State Relations in Coalition Era.



**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : PSYCHOLOGY**

**Paper – II : General Psychology**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Nature of Personality
2. Reactions to frustration
3. Types of Schizophrenia
4. Impression formation
5. Components of attitude

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. Measures of Central tendency
2. Types of Social Influence



**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : Sociology**

**Paper – II : Indian Society**

**UNIT – I : Answer the following short questions (each question carries two marks)                      5x2=10**

1. Ashrama Dharma
2. Caste System
3. Rules of Marriage
4. Status of Women
5. Terms of Religion

**UNIT – II : Answer the following Questions (each question carries Five marks)                      2x5=10**

1. Discuss the changing status of women in Modern India.
2. Define Indian society and discuss its characteristics.

**B.A. II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : History**

**Paper – II : History and Culture**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Sharesh's Revenue Administration
2. Shivaji
3. Ryotwari System
4. Factors for the Growth of India of Nationalism.
5. Jinnah.

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. How did the Mughals contribute for the growth of art and culture.
2. Write about the Kandukuri Vereshalingam Panthulu as a Social reformer in Andhra Pradesh

**B.A. MATHEMATICS & STATISTICS II YEAR**  
**INTERNAL ASSIGNMENT - SUPPLEMENTARY 2017**

**Subject : Statistics**

**UNIT – I : Answer the following short questions (each question carries two marks)      5x2=10**

1. Define correlation coefficient
2. State Neyman Factorization Theorem
3. Define Critical Region (C.R.)
4. Define Fisher's Z - transformation
5. Define Run with example.

**UNIT – II : Answer the following Questions (each question carries Five marks)      2x5=10**

1. Explain Large sample Test for Difference of Means
2. Explain Chi-square test for goodness of fit.

BA (Hons)  
BA - II  
Mathematics II  
INTERNAL ASSIGNMENT

BA Maths & Stats  
II YEAR

11

Subject: BA Mathematics  
Section - A II Year

11/11/21

UNIT - I: Answer the following short questions (each question carries two marks) 5x2=10

- 1 Find the equation of the plane perpendicular to  $(1, 1, 1)$  and parallel to  $2x + 3y + 4z + 9 = 0$ .
- 2 Show that the reciprocal cone of  $ax^2 + by^2 + cz^2 = 0$  is the cone  $\frac{x^2}{a} + \frac{y^2}{b} + \frac{z^2}{c} = 0$ .
- 3 Find the centre and radius of the sphere  $x^2 + y^2 + z^2 - 6x + 8y - 10z + 1 = 0$ .
- 4 Show that  $x_n = 1 + \frac{1}{2} + \frac{1}{3} + \dots$  is Convergent.
- 5 Examine the continuity of  $f(x) = \frac{e^{1/x} - e^{1/2}}{e^{1/x} + e^{1/2}}$  at  $x = 0$ .

Section - B

UNIT - II: Answer the following Questions (each question carries Five marks) 2x5=10

1. Find the shortest distance between the lines  $\frac{x+3}{-4} = \frac{y-6}{2} = \frac{z}{1}$ .
2. ST A function is continuous on  $[a, b]$  iff it is bounded on  $[a, b]$ .



②

B.A (II Year)

(A-14)

Applied Mathematics PAPER-II

SPECIAL FUNCTIONS and Boundary Value Problems min marks = 20

Section - A

Answer All

5 x 2 = 10

- 1) Show that  $P_n(x) = \frac{1}{2^n n!} \frac{d^n}{dx^n} (x^2-1)^n$
- 2) Show that  $x J_n'(x) = n J_n(x) - x J_{n+1}(x)$
- 3) Solve 2-D Heat equation by method of separation of variables
- 4) Solve wave equation in cylindrical co-ordinates.
- 5) Solve  $\frac{\partial u}{\partial x} + \frac{\partial u}{\partial y} = 0$ ,  $u(x,0) = 4e^{3x}$

Section - B

Answer All

2 x 5 = 10.

- 1) Solve Bessel's differential equation  $x^2 y'' + (2x-1)y' + (x^2-2)y = 0$ .
- 2) Solve  $\frac{\partial^2 u}{\partial t^2} = c^2 \left( \frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} \right)$  subject to the boundary conditions  $u(0,y,t) = u(a,y,t) = u(x,0,t) = u(x,y,t) = 0$  and initial conditions  $u(x,y,0) = f(x,y)$  and  $\frac{\partial u}{\partial t} = g(x,y)$  at  $t=0$ .

BA (Hons)  
BA - II  
Mathematics II  
INTERNAL ASSIGNMENT

BA Maths & Stats  
II YEAR

11

Subject: BA Mathematics  
Section - A II Year

11/11/21

UNIT - I: Answer the following short questions (each question carries two marks) 5x2=10

- 1 Find the equation of the plane perpendicular to  $(1, 1, 1)$  and parallel to  $2x + 3y + 4z + 9 = 0$ .
- 2 Show that the reciprocal cone of  $ax^2 + by^2 + cz^2 = 0$  is the cone  $\frac{x^2}{a} + \frac{y^2}{b} + \frac{z^2}{c} = 0$ .
- 3 Find the centre and radius of the sphere  $x^2 + y^2 + z^2 - 6x + 8y - 10z + 1 = 0$ .
- 4 Show that  $x_n = 1 + \frac{1}{2} + \frac{1}{3} + \dots$  is Convergent.
- 5 Examine the continuity of  $f(x) = \frac{e^{1/x} - e^{1/2}}{e^{1/x} + e^{1/2}}$  at  $x = 0$ .

Section - B

UNIT - II: Answer the following Questions (each question carries Five marks) 2x5=10

- \* 1. Find the shortest distance between the lines  $\frac{x+3}{-4} = \frac{y-6}{2} = \frac{z}{1}$ .
2. ST A function is continuous on  $[a, b]$  iff it is bounded on  $[a, b]$ .

②

B.A (II Year)

(A-14)

Applied Mathematics PAPER-II

SPECIAL FUNCTIONS and Boundary Value Problems min marks = 20

Section - A

Answer All

5 x 2 = 10

- 1) Show that  $P_n(x) = \frac{1}{2^n n!} \frac{d^n}{dx^n} (x^2-1)^n$
- 2) Show that  $x J_n'(x) = n J_n(x) - x J_{n+1}(x)$
- 3) Solve 2-D Heat equation by method of separation of variables
- 4) Solve wave equation in cylindrical co-ordinates.
- 5) Solve  $\frac{\partial u}{\partial x} + \frac{\partial u}{\partial y} = 0$ ,  $u(x,0) = 4e^{3x}$

Section - B

Answer All

2 x 5 = 10.

- 1) Solve Bessel's differential equation  $x^2 y'' + (2x-1)y' + (x^2-2)y = 0$ .
- 2) Solve  $\frac{\partial^2 u}{\partial t^2} = c^2 \left( \frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} \right)$  subject to the boundary conditions  $u(0,y,t) = u(a,y,t) = u(x,0,t) = u(x,y,t) = 0$  and initial conditions  $u(x,y,0) = f(x,y)$  and  $\frac{\partial u}{\partial t} = g(x,y)$  at  $t=0$ .