INTERNAL ASSIGNMENT QUESTIONS

B.A. (Maths & Stats) II YEAR

ANNUAL EXAMINATIONS MARCH / APRIL - 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. SHIVARAJ

Hyderabad – 7 , Telangana State

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

Dear Students,

Every student of B.A. II year has to write and submit **Assignment** for each paper compulsorily. Each assignment carries **20 marks.** The marks awarded to you will be forwarded to the Controller of Examination, OU for inclusion in the University Examination marks. 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. The assignment marks will not be accepted after the stipulated date,

You are required to **pay Rs.300/- fee** towards Internal Assignment marks through DD (in favour of Director, PGRRCDE, OU) and submit the same along with assignment at the concerned counter **on or before 4th February, 2017** and obtain proper submission receipt.

ASSIGNMENT WITHOUT THE DD 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 STUDENT :
2. ENROLLMENT NUMBER :
3. B.A.(Maths & Stats) II Year :
4. NAME OF THE PAPER CODE :
5. DATE OF SUBMISSION :

6. Write the above said details clearly on every subject assignments paper, otherwise your paper will not be valued.
7. Tag all the assignments paper wise and submit assignment number wise.
8. Submit the assignments on or before **04-02-2017** at the concerned counter at PGRRCDE, OU on any working day and obtain receipt.

Dr.N.R.Giridhar
Joint Director

Prof. Shivaraj
Director

BA II YEAR ANNUAL EXAMINATIONS MARCH/APRIL - 2017

INTERNAL ASSIGNMENT

SUB: ENGLISH (General)

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

1. What does the scene at Dover Beach book like ?
2. The portrayal at Modern man in the “Unknown Citizen” .
3. Define Gesture
4. Write a note on R.K. Narayan’s selvi
5. Describe the climax in “After Twenty Years”

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

1. Attempt a character sketch of the speaker of “Telephone Conversation” .
2. Write an Essay on “City Life”.

B.A, BCom & BBA రెండవ సంll రం

తెలుగు (ద్వితీయ భాష)

ఇంటర్నల్ అసైన్‌మెంట్

A. సంక్షిప్త సమాధానాలు రాయండి. 5x2 = 10

1. కన్నప్ప భక్తి తత్త్వం

2. 'పల్లె కన్నీరు' లోని గ్రామీణ చిత్రణ.

3. అభివ్యక్తి స్వాతంత్ర్యాల అవసరం

4 తెలుగు భాష ప్రస్తుత స్థితి.

5 ఉత్పలమాల శార్దూలం ఛందస్సుల లక్షణాలు తెలిపి ఉదాహరణలతో సమన్వయించండి.

B. వ్యాసరూప సమాధానాలు రాయండి 2x5 = 10

6. కుచేలోపాఖ్యాన సారాంశం

7. వ్యక్తిత్వ వికాసం.

— x —

MG

Prof. M Gona Naik
BOS

INTERNAL ASSIGNMENT- 2016 - 2017

Course : B.A; BSc; B.Com.

Paper : II Title : Hindi SL Year: I / II / III

Section – A

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

1 ⇒ जाति न पूछो साधु की, पूछ लीजिए ज्ञान।
मोल करो तलवार का, पड़ा रहन दो म्यान ॥ पंक्तियों के संदर्भ सहित व्याख्या कीजिए।

2 ⇒ तुलसीदास के किसी एक दोहे का संदर्भ सहित व्याख्या कीजिए?

3 ⇒ 'मातृभूमि' कविता का सारांश लिखिए?

4 ⇒ 'माटी-भूषण' कविता का सारांश लिखिए?

5 ⇒ 'मैं नीर भरी दुःख की बदली' के आधार पर महादेवी वर्मा के दुःख की व्याख्या कीजिए?

Section – B

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

1. 'भक्ति काल' हिन्दी साहित्य के इतिहास का स्वर्णयुग है' स्पष्ट कीजिए?
2. कबीर समाज सेवक थे। अपने शब्दों मे उत्तर लिखिए।

Name of the Faculty : Dr. Ajay Kumar

Dept. 04/02/2017

Osmania University
B.A., B.COM,BBA. II YEAR (CDE) (NEW)
SUBJECT: SANSKRIT (SECOND LANGUAGE)

INTERNAL ASSIGNMENT – 2016-17.

अ-विभागः - Part- A

MARKS.20.

सर्वे प्रश्नाः समाधेयाः | सर्वे समानांकः |

Answer All Questions, All Questions Carry Equal Marks.
Write short notes on the following Questions in 50 words.

1. अधो दत्त श्लोकस्य तात्पर्यं लिखत (2)

गोपहीना यथा गावो विलयं यान्त्यपालिता |
एवं नृपतिहीना हि विलयं यान्ति वैः प्रजाः||

2. अधो दत्त वाक्यस्य ससन्दर्भम् व्याख्यात | (2)

1. दशरथ पुत्रो भरतोऽस्मि न कैकेय्याः |
2. नायोध्या तं विनायोध्या सा सायोध्या यत्र राघवः |

3. प्रतिमागृहपाठ्य रचयिता कः| तस्य परिचयः लिखत | (2)

4. अधो सूचित द्वयोः कवयोः परिचयं लिखत। (2)

१. पाणिनि २.माघः

5. अधो सूचित द्वौ अलङ्कारौ सोदाहरणेन लिखत। (2)

१. उपमा २. अर्थान्तरन्यासः

Part- B

Answer All Questions, All Questions Carry Equal Marks.
Write Essay on the following Questions in 150 words.

सर्वे प्रश्नाः समाधेयाः | सर्वे समानांकः |

2X5=10.

१. भोजः कथं सुकवीन् संमानितवान ? विशदयत ?

२. बाण महाकविनोक्त प्रकारं शुकनासोपदेशं संक्षेपेण लिखत ?

Osmania University distance education

.A.,B.Sc.,B.Com. II Year,Second Language - Urdu -Internal Assessment

Marks 20

:تمام سوالات کے جواب مطلوب ہیں۔

I- دیے گئے سوالات کے مختصر جواب دیجیے۔ (5X2=10)

1- مثنوی کی تعریف کیجیے۔

2- نصاب میں شامل امجد حیدر آبادی کی رباعیات کا مفہوم بیان کیجیے۔

3- نصاب میں شامل قطعات کا مطلب اپنے الفاظ میں لکھیے۔

4- ''انشائیہ'' کی تعریف کیجیے۔

5- ''سب رس'' کے متعلق اپنی معلومات قلم بند کیجیے۔

II- حسب ذیل سوالات کے تفصیلی جواب مطلوب ہیں۔ (2X5=10)

1- مثنوی ''امن نامہ'' کا خلاصہ لکھیے۔

2- ''مردہ بہ دست زندہ'' میں فرحت اللہ بیگ نے معاشرے پر کس طرح طنز کیا ہے؟ واضح کیجیے۔

☆☆☆☆☆

(1)

Assignment

B.A. IInd Year

Subject ARABIC

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

① يا كتابي انت عندي روضة فيها الثمار
② اقطف الازهار منها باعتناء و اصطبار
③ أقدم استاذي على نفس والدي وان نالني من والدي الفضل والشرف
④ والطل في سلك الغصون كلؤلؤ رطب يصافحه النسيم فيسقط
⑤ أنشأتني صبا ركا لامتي ووطني
⑥ سر في هواء حملك وطر بغير حذر

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: اين الطلاب الجدد الخمسة الذين جاءوا امس؟ قال عبدالله حضروا اليوم وخرجوا قبل قليل أظن أنهم ذهبوا الى المدير

) أمّا اخواتي فكلهم يدرسون بالجامعة عيسى وهو اكبر منّي يدرس في كلية الطب

IV - 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 beautif
⑤ I am a new teacher in the colleg

V - Write a note on any one of the following topics :

① تدوين القرآن ② المعلقات السبع

VI - Fill in the blanks With Suitable Words give below :

المدير ___ غرفته ② هذه الساعة ___
أذهبت الى ___ ④ من كسر هذا ___ ؟
ابين ___ ⑥ هل انت ___

(في ، غالبية ، المدرسة ، الكرسي ، انتم - مسلم)

VII. Define any two of the following With examples

① حروف جازمة ② افعال ناقصة
③ حروف ناصبة ④ حروف مشبه به فعل

BA (Maths & Stats) II YEAR ANNUAL EXAMINATIONS MARCH/APRIL - 2017

INTERNAL ASSIGNMENT

SUB: Mathematics

Paper: II Solid Geometry and Real Analysis

Section – A

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

1. Find the equations of the plane Through the points $(2,2,-1),(3,4,2),(7,0,6)$.

2. Examine the nature of the intersection of the planes
$2x-y+z-4=0, 5x+7y+2z=0, 3x+4y-2z+3=0$

3. Find the equation of the sphere through the points (0,0,0),(0,1,-1),(-1,2,0),(1,2,3).

4. Prove that the sequence $S_n = \frac{3n-1}{n+2}$ is increasing and bounded above.

5. Show that the function f defined by $f(x) = \begin{cases} \frac{x e^{\frac{1}{x}}}{1+e^{\frac{1}{x}}}, & x \neq 0 \\ 1, & x = 0 \end{cases}$ is not continuous at $x = 0$.

Section – B

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

1. Find the Shortest between the lines and the line of S.D of
$$\frac{x-2}{3}=\frac{y-3}{4}=\frac{z-1}{2}, \quad \frac{x-4}{4}=\frac{y-5}{5}=\frac{z-2}{3}$$

2. State and prove Roll's theorem
Define Cauchy's Mean Value Theorem. Find 'c' of Cauchy's mean value theorem for $f(x) = e^x$ and $g(x) = e^{-x}$ on $[a, b]$ when $a, b > 0$.

BA (Maths & Stats) II YEAR ANNUAL EXAMINATIONS MARCH/APRIL - 2017

INTERNAL ASSIGNMENT

SUB: Statistics

Paper II : Statistical Methods and Inference

Section – A

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

1. Define Correlation and explain the types of correlation.
2. Define Rank Correlation (Repeated and Unrepeated)
3. Define Regression and State its Properties
4. Define Partial and Multiple Correlation
5. Define Principle of Least Square and Fit a Curve of $Y = a\,b^x$

Section – B

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

1. State the Properties of Correlation and Prove them.
2. a) Find angle between regression lines

   b) Fit a Parabola Curve.

BA (Maths & Stats) II YEAR ANNUAL EXAMINATIONS MARCH/APRIL - 2017

INTERNAL ASSIGNMENT

SUB: Applied Mathematics

Paper II : Special Functions and Boundary Value Problems

Section – A

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

1) Show that the Set $\{\text{Cos}\, nx;\ n = 0,1,2.....\}$ is Orthogonal Set of functions on $0 \le x \le \pi$ and Find the corresponding Orthonormal Set.

2) Show that $J_{-n}(x) = (-1)^n J_n(x)$ if n is a positive integer.

3) Using Method of separation of variable. Solve $3\frac{\partial u}{\partial x} + 2\frac{\partial u}{\partial y} = 0,\ u(x,0) = 4e^{-x}$.

4) Solve one dimensional Heat equation.

5) Write Heat, Wave, Laplace equations in one, two and three dimensional.

Section – B

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

1) Solve three dimensional Heat equation in cylindrical co-ordinates.

2) A tightly Stretched string with fixed end points $x = 0,\ x = l$ is initially in a position given by $u = u_0\, \text{Sin}^3\left(\frac{\pi x}{l}\right)$. It is released from rest from this position. Find the displacement $u(x,t)$.