

**INTERNAL ASSIGNMENT QUESTIONS
B.A.(Maths & Stats) I YEAR**

ANNUAL - 2024



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

OSMANIA UNIVERSITY

(A University Accredited with A+ by the NAAC - A University with Potential for Excellence,
Hyderabad - 7 Telangana State)

**DIRECTOR
Prof. G.B. Reddy
Hyderabad - 7, Telangana State**

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

Dear Students,

Every student of B.A. (Maths & stats) I year has to write and submit **Assignment** for each paper compulsorily. ***Statistics Assignment papers carries 20 marks and *Maths & Applied Mathematics Assignment papers carries 30 marks.** The marks awarded to the students will be forwarded to the Examination Branch, OU for inclusion in the marks memo. If the student fail to submit Internal Assignments before the stipulated date, the internal marks will not be added in the final marks memo under any circumstances. The assignments will not be accepted after the stipulated date. **Candidates should submit assignments only in the academic year in which the examination fee is paid for the examination for the first time.**

Candidates are required to submit the Exam fee receipt along with the assignment answers scripts at the concerned counter on or before **30-03-2024** and obtain proper submission receipt.

ASSIGNMENT WITHOUT EXAMINATION FEE PAYMENT RECEIPT (ONLINE) WILL NOT BE ACCEPTED

Assignments on Printed / Photocopy / Typed 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 (Instructions) :

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 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. NAME OF THE COURSE :
4. NAME OF THE PAPER :
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 them in the concerned counter.
8. Submit the assignments on or before **30-03-2024** at the concerned counter at PGRRCDE, OU on any working day and obtain receipt.

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OSMANIA UNIVERSITY, HYDERABAD-500 007

BA. B-com. BBA. BA Maths & Stats Ist Year English,
INTERNAL ASSIGNMENT- 2023 - 2024

Course : B.Com. I year

Paper: I Title: General English Year I Year 2023-2024

Section - A

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

- 1 Write about Ms. Rosemary Fell.
- 2 Write about the negative effect of Television.
- 3 Write any five idioms and explain their meanings.
- 4 Write about the importance of Dress Code.
- 5 Write a dialogue of five exchanges between a police officer and a student. (discussing about the duties of police)

Section - B

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

- 1 Give five symbols of vowels & consonant and few examples for each.
- 2 Write about the theme of Swami & his friends.

Name of the Faculty : A. SRINIVAS

Dept. of English

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INTERNAL ASSIGNMENT – 2023-2024

Course: B.A./B.COM/BBA/BA(Maths & Stats) I year

Paper- I Title: - SANSKRIT Year - I

Section – A

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

- 1 Write about the poet Valmiki Maharshi.
- 2 Write about the poet Vyasa Maharshi.
- 3 Write a short notes about Panchatantra tales.
- 4 What are the literary works of Kalidasa.
- 5 Write about the writer Sannidhanam Suryanarayana Shastry.

UNIT-II: Answer the following short questions(each question carries five marks) 2x5=10

1. Write the following two Declensions.(Shabdās)

A) देव

B) कवि

2. Write the following two Conjunctions.(Each five Examples.) (Sandhis)

A) सवर्णदीर्घसन्धिः B) अयवायावसन्धिः

Name of the Faculty: Dr.G.Prakash.

Dept. Sanskrit

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BA-B-com- BBA . BA Maths & Stats 1st Year TELUGU

INTERNAL ASSIGNMENT- 2023 - 2024

Course : B.Com. I year

Paper : I Title : 1st Year Telugu Year 1st Year

Section - A

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

- 1 ఎటర్నల్ పాల్స్ట్రాన్ కథను వివరించండి. ?
- 2 మహానలుల జాషువ నివారణ అంశాతికా ?
- 3 మూడోవ మార్కల వుత్తాంతానిన నైకకతను తెలవండి ?
- 4 మేఘ దూతలనిన సందేశాన్ని వివరించండి ?
- 5 నాలవన కథలనిన వాస్తవ ధాగ సారాంశాన్ని తెలవండి ?

Section - B

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

1. వాణి నేడూకం వాల్లంశీలనిన సారాంశాన్ని వ్రాయించండి ?
2. దురంధుని నేడూకం వివరించండి ?

Name of the Faculty : Dr. P. Hansamma

Dept. Telugu.

Bcom & BA Post BBA Ramath Halal Dayal Arabic
Degree First Year / 2024

(Section - A)

1) Translate and Explain three of the following with reference to the context.

- ١) فأما اليتيم فلا تقهر. وأما السائل فلا تنهر.
- ٢) ألم نشرح لك صدرك (٣) والتين والزيتون. وطور سينين. وهذا البلد الأمين
- ٤) إنا أنزلناه في ليلة القدر. وما أدراك ما ليلة القدر
- ٥) إذا زلزلت الأرض زلزالها. وأخرجت الأرض أثقالها

2) Answer Five of the following in Arabic.

- ١) أين الكتاب؟ (٢) من أين أنت؟ (٣) أين كتاب محمد؟ (٤) من هذا الرجل؟ ومن ذلك الرجل؟
- ٥) ما اسمك؟ (٦) أعندك سيارة؟ (٧) كم أظن لك يا حامد؟
- ٨) أين هذه المدرسة؟ (٩) كم بقرة في الحقل؟ (١٠) كم جامعة في بلدك؟

3) Translate any Five of the following sentences in your own language.

- ١) أكتب جديد والقلم قديم (٢) نعم هذا بيت (٣) أين محمد؟ هو في الغرفة
- ٤) ذهب إلى المرحاض (٥) أكتب محمد هذا يا ياسر؟
- ٦) هذا ابن حامد وهذه بنت ياسر (٧) أما طالب مجتهد ومحمود طالب كسلان
- ٨) لغته اليابانية وهي لغة صعبة (٩) أنا أحب أبي وأمي وأحب أخي وأختي
- ١٠) من هؤلاء الفتية الطوال يا علي؟

4) Write Ten sentences in Arabic on any one of the following topics.

١) فضيلة العلم (٢) أدب الأستاذ (٣) عظمة الوالدین
(Section B)

5) Write the opposite of any ten of the following.

أبيض، طویل، صغیر، جدید، طویل، أمام،
سالم، ولد، مجتهد، ثقيل، صديق، حار، تحت، سهل.

6) Convert the singular into plural any ten of the following.

مسجد، غني، طويل، منديل، كبير، امرأة، رجل،
جبل، بنت، مسلم، صغیر، حار، بيت، ولد، مدرس.

7) Define any two of the following with examples.

١) المعرفة والنكرة (٢) الجملة الفعلية

(٣) المركب التوضيحي (٤) اسم الإشارة

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B.A. B-com BBA BA Maths & Stats Ist Year Hindi

INTERNAL ASSIGNMENT- 2023 - 2024

Course : ~~B.A. B-com~~ ^{BA & B-com} I year

Paper : S.L. Hindi Title : S.L. Hindi Year ~~2023~~ 24 - 25
I st year

Section - A

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

- 1 कुसंग के बारे में आपके विचार रखीए।
- 2 हल्क का चरित्र चित्रण कीजिए।
- 3 विन्दा के चरित्र पर प्रकाश डालिए।
- 4 भारत की सबसे बड़ी विशासत क्या है?
- 5 लाला दाउदयाल का चरित्र-चित्रण लिखिए।

Section - B

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

1. उसने कहा था कहानी का संाराश लिखिए।
2. परमात्मा का कृता कहानी में लेखक किस बात पर जोर देता है?

Name of the Faculty : Dr. Santosh
Dept. Hindi, Rathod

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INTERNAL ASSIGNMENT QUESTION PAPER 2023-2024

COURSE-M.A URDU - I YEAR

PAPER (I) TITLE CLASSICAL POETRY

B.A. B.com BBA. BA Maths & Stats Ist Year Urdu

(حصہ الف)

5x2=10

حسب ذیل سوالات کے جواب مطلوب ہیں۔ ہر جواب کم از کم 2 صفحات پر مشتمل ہونا چاہیے۔

۱۔ اردو مرثیہ نگاری کے آغاز و ارتقاء پر روشنی ڈالیے۔

۲۔ قصیدہ گوئی میں سودا کے مقام و مرتبے کا تعین کیجیے۔

۳۔ امجد حیدر آبادی کو ”شہنشاہ رباعیات“ کیوں کہا جاتا ہے؟ اپنی معلومات رقم کیجیے۔

۴۔ مثنوی ”سحر الہیان“ کا تنقیدی جائزہ پیش کیجیے۔

۵۔ ”دستانِ دہلی اور دبستانِ لکھنؤ“ کا تقابلی جائزہ پیش کیجیے۔

(حصہ ب)

2x5=10

مندرجہ ذیل سوالات حل کیجیے۔ ہر جواب کم از کم 4 صفحات پر مشتمل ہونا چاہیے۔

۱۔ غالب کی شاعرانہ عظمت بیان کیجیے۔

۲۔ میر تقی میر کی شاعری کی خصوصیات پر مدلل روشنی ڈالیے۔

Name of the Faculty

Dr.Syeda Naseem Sultana

Assistant Professor(c)

Date-7-6-2023

INTERNAL ASSIGNMENT QUESTION PAPER - 2023-24

COURSE : B.A.(Maths & Applied Maths) I year

Paper : Applied Mathematics - I Subject : Applied Mathematics Year 2023-2024

Total Marks: 30

Section - A

UNIT - I : Answer the following short questions (each question carries three marks) $5 \times 3 = 15$

- 1 write a Triangle Law of forces.
- 2 Two unlike parallel forces P and Q of magnitude 17 Kgs and 25 Kgs are working at distance of 20cm apart.
- 3 Find their resultant and the distance it acts from 17 Kgs force.
- 4 A particle is projected at an angle of 60° with the horizontal. The horizontal range of the particle is 5 km. Find the velocity of projection (ii) the maximum height attained by the particle.
5. Prove that - $K.E = \frac{1}{2}mv^2$

Section - B

UNIT - II : Answer the following Questions (each question carries Five marks) $3 \times 5 = 15$

- 1 write The Lami's Theorem
2. Find the position of the C.G of the arc of the curve $x^{2/3} + y^{2/3} = a^{2/3}$ lying in the first quadrant.
- 3.

A particle moving with S.H.M in a st. line has

Name of the Faculty :

velocities v_1, v_2 at distance

x_1, x_2 from the centre of Dept. _____

its path. show that if T be its period, then

$$T = 2\pi \sqrt{\frac{x_1^2 - x_2^2}{v_2^2 - v_1^2}}$$

5. write the principle of the virtual work.

(M. Ramesh)

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INTERNAL ASSIGNMENT QUESTION PAPER - 2023-24

COURSE : B.A.(Maths & Applied Maths) I year

Paper : MATHS - I Subject : Diff. Equations, Year I
Abstract Algebra
and Vector calculus

Total Marks: 30

Section - A

UNIT - I : Answer the following short questions (each question carries three marks) 5x3=15

1. ~~Solve~~ $\frac{d^2y}{dx^2} + 4\frac{dy}{dx} + 5y = 13e^{3x}$

2. \rightarrow solve $\frac{dy}{dx} - y \tan x = y^2 \sec x$

3. \rightarrow Define the group.

4. \rightarrow find the number of generators of a cyclic group of order 15.

5. \rightarrow compute the product of the permutations $(2,4,6)(5,8)(7,9)$. Section - B

UNIT - II : Answer the following Questions (each question carries Five marks) 3x5=15

1. show that every cyclic group is abelian

2. Find the order of $\sigma = (2,3,5) \in S_{10}$

3. $\int \sqrt{\log x} = \frac{1}{x^2}$

Name of the Faculty : Dr. B. Ravi

Dept. MATHS

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INTERNAL ASSIGNMENT QUESTIONS PAPER-2023-2024

COURSE : BA

PAPER-I

Title : STATISTICS

Year : I

TOTAL MARKS : 20

UNIT-I : Answer the following short questions(Each question carries two marks) 5X2 =10

- 1. State the difference between measure of central tendency and measure of dispersion.**
- 2. What is central and non-central moments.**
- 3. Write a short note on Kurtosis.**
- 4. Axiomatic definition of probability. Give an example.**
- 5. State Bayes theorem.**

UNIT-II :Answer the following questions (Each question carries five marks) 2X5 = 10

- 1. Define Random variables . Explain Probability density function(PDF) and Probability mass function(PMF).**
- 2. What is distribution function . State it's properties.**

**Name of the Faculty: P . Anjaneyulu
Department : Statistics**