

Purdue Past Exam Archive

Student: _____
Date: _____

Instructor: Tong Ding, Purdue Math,
Jennifer Hodges, Stephanie Foster
Course: MA168-120 - Analytic Geom. And
Calc. II Spring 2020
Assignment: Exam3

1. Determine whether the following series converges absolutely, converges conditionally, or diverges.

$$\sum_{k=1}^{\infty} (-1)^k a_k = \sum_{k=1}^{\infty} \frac{(-1)^k k^5}{\sqrt{k^{12} + 10}}$$

First, find a_k . Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

☐ A. $\lim_{k \rightarrow \infty} a_k =$ _____

☐ B. The limit does not exist.

Now, let $\sum a_k$ denote $\sum_{k=1}^{\infty} \frac{(-1)^k k^5}{\sqrt{k^{12} + 10}}$. What can be concluded from this result using the Divergence Test?

☐ A. The series $\sum a_k$ must diverge.

☐ B. The series $\sum |a_k|$ must converge.

☐ C. The series $\sum |a_k|$ must diverge.

☐ D. The series $\sum a_k$ must converge.

☐ E. The Divergence Test is inconclusive.

Are the terms of the sequence $|a_k|$ decreasing after some point?

☐ yes

☐ no

Let $\sum a_k$ denote $\sum_{k=1}^{\infty} \frac{(-1)^k k^5}{\sqrt{k^{12} + 10}}$. What can be concluded from these results using the Alternating Series Test?

☐ A. The series $\sum a_k$ must diverge.

☐ B. The series $\sum a_k$ must diverge.

☐ C. The series $\sum a_k$ must converge.

☐ D. The series $\sum a_k$ must converge.

☐ E. The Alternating Series Test does not apply to this series.

Does the series $\sum |a_k|$ converge?

☐ A. yes, as can be determined by the Limit Comparison Test

☐ B. no, as can be determined by the Limit Comparison Test

☐ C. no, because of the Divergence Test

1 of 9

9/24/2013 3:33 PM

Purdue past exam archive is an invaluable resource for students at Purdue University, providing a wealth of information to help them prepare for their exams. As the academic environment becomes increasingly competitive, access to previous exam papers can be a game-changer for students seeking to enhance their understanding of course material and achieve better grades. This article will explore the significance of the Purdue past exam archive, how to access it, and tips for effectively utilizing this resource.

Understanding the Purdue Past Exam Archive

The Purdue past exam archive is a collection of previous examinations from various courses offered at Purdue University. It serves as a repository of knowledge that students can tap into for study purposes. The archive is maintained by students and faculty, making it a collaborative effort that benefits the entire academic community.

Purpose and Benefits

The primary purpose of the Purdue past exam archive is to support students in their academic endeavors. Here are some of the key benefits:

1. Familiarization with Exam Format: By reviewing past exams, students can become familiar with the types of questions that are typically asked, which can alleviate anxiety on exam day.

2. **Identifying Key Topics:** The archive allows students to identify recurring themes and important topics that instructors emphasize, enabling them to focus their studies more effectively.
3. **Self-Assessment:** Attempting past exam questions serves as a form of self-assessment, allowing students to gauge their understanding of the material and identify areas that require further study.
4. **Study Group Resource:** Students can utilize the archive as a collaborative tool within study groups, discussing answers and strategies to tackle complex problems.
5. **Instructor Insights:** In some cases, the archive includes commentary or insights from instructors, providing additional context and guidance on how to approach the material.

Accessing the Purdue Past Exam Archive

Accessing the Purdue past exam archive is relatively straightforward, but it may require some navigation through university resources. Here are the steps to gain access:

1. **University Login:** Students must log in to their Purdue University account to access certain resources. This ensures that the information is available only to current students and faculty.
2. **Library Resources:** The Purdue University Libraries provide access to a range of academic resources, including the past exam archive. Students can visit the library's website and use the search function to locate past exams.
3. **Course-Specific Resources:** Some departments maintain their own archives of past exams, which may be accessible through specific course pages on the university's learning management system (e.g., Brightspace).
4. **Student Organizations:** Various student organizations, such as the Purdue Student Government or academic clubs, may also maintain their own collections of past exams. Engaging with these organizations can provide additional avenues for accessing exam materials.
5. **Online Platforms:** There are online platforms and forums where students share past exams and study materials. However, students should ensure that these resources are credible and align with Purdue's academic integrity policies.

Utilizing the Archive Effectively

Once students gain access to the Purdue past exam archive, it is essential to use it effectively to maximize its benefits. Here are some tips for making the most of this resource:

1. **Create a Study Schedule:** Organize your study time to include specific sessions dedicated to reviewing past exams. This structured approach will help ensure consistent practice.
2. **Simulate Exam Conditions:** When attempting past exams, try to replicate actual exam conditions. Set a timer, minimize distractions, and avoid looking up answers during the process. This simulation will help you build test-taking stamina.

3. **Review Solutions:** After attempting a past exam, thoroughly review the solutions. Identify mistakes and understand the correct reasoning behind each answer. This reflective practice is crucial for deepening your understanding.
4. **Seek Clarification:** If you encounter questions or topics that are unclear, don't hesitate to reach out to your instructor or peers for clarification. Engaging in discussions can enhance your comprehension.
5. **Combine with Other Study Materials:** Use the past exam archive in conjunction with textbooks, lecture notes, and online resources. A multifaceted approach to studying will reinforce your learning.

Challenges and Considerations

While the Purdue past exam archive is a valuable tool, there are some challenges and considerations to keep in mind:

1. **Limited Scope:** The archive may not contain every exam for every course. Students should be aware that not all courses have past exams available, particularly newer or less frequently taught subjects.
2. **Variability in Difficulty:** Past exams can vary in difficulty and may not accurately reflect the current exam's level of challenge. Students should use past exams as a guide but not as the sole basis for their study preparation.
3. **Academic Integrity:** It's crucial to uphold academic integrity when using the archive. Students should not engage in any form of academic dishonesty, such as sharing or distributing exams inappropriately.
4. **Changing Course Content:** Course content evolves, and instructors may change their focus or exam formats from year to year. Students should remain adaptable in their study approaches.
5. **Time Management:** While reviewing past exams can be beneficial, it's essential to balance this with other study methods and not become overly reliant on any single resource.

Conclusion

The Purdue past exam archive is a crucial resource for students looking to improve their academic performance and prepare effectively for exams. By providing access to previous examinations, the archive fosters a deeper understanding of course material, enhances test-taking skills, and builds student confidence.

To fully leverage this resource, students must navigate access points, utilize the archive effectively, and remain mindful of the challenges it presents. By incorporating past exams into a broader study strategy, students at Purdue University can enhance their learning experience and achieve their academic goals.

In summary, the Purdue past exam archive stands as a testament to the university's commitment to student success, offering a collaborative platform for learning and academic excellence.

Frequently Asked Questions

What is the Purdue Past Exam Archive?

The Purdue Past Exam Archive is a repository of previously administered exams at Purdue University, allowing students to access past assessments for study and preparation purposes.

How can I access the Purdue Past Exam Archive?

Students can access the Purdue Past Exam Archive through the university's library website or dedicated exam archive platforms provided by student organizations.

Are the exams in the Purdue Past Exam Archive free to access?

Yes, the exams in the Purdue Past Exam Archive are typically free for Purdue students to access, although registration or university credentials may be required.

What subjects are covered in the Purdue Past Exam Archive?

The archive includes a wide range of subjects across various disciplines, including engineering, science, humanities, and social sciences, reflecting the diverse curriculum at Purdue University.

Can students contribute to the Purdue Past Exam Archive?

Yes, students are encouraged to contribute by submitting their past exams to the archive, helping to expand the resource for future students.

How can I effectively use the Purdue Past Exam Archive for studying?

To effectively use the archive, review the format and types of questions previously asked, practice under timed conditions, and identify topics that frequently appear to focus your studies.

Is the Purdue Past Exam Archive updated regularly?

Yes, the Purdue Past Exam Archive is regularly updated as new exams are submitted and made available for students, ensuring a current and comprehensive resource.

Find other PDF article:

<https://soc.up.edu.ph/02-word/pdf?docid=mem14-6844&title=7-days-of-creation-worksheet.pdf>

Purdue Past Exam Archive

County Online Services - Marquette County, Michigan

For your convenience, Marquette County has partnered with an independent company, Permutium. You can now order and pay for your document requests online, through their website.

MiCOURT Case Search - Michigan

These courts are identified with a check mark under the "7-Year Criminal Sentence Filter" column of the MiCOURT case search. You must contact these courts directly to obtain information on any case files where the sentencing occurred more than seven years ago.

Marquette County Circuit Court Case Records Search | Marquette...

Search Marquette County Circuit Court case records online in Marquette, MI. Access court details, contact, location info, case details, and more.

Marquette County Circuit Records | Marquette County, MI Case ...

Jan 12, 2021 · Access court records for Marquette County Circuit Court, MI. Search court cases for free, read the case summary, find docket information, download court documents, track case status, and get alerts when cases are updated.

Court Records - Marquette County, MI (Adoptions, Criminal, ...

Use tools for court case lookup, transcript requests, and child support forms. Get information on jury duty, e-filing, and restraining orders. Connect to the official court records office and related services. Your guide to Marquette County's legal documentation.

Circuit Court Offices - Marquette County, Michigan

Remote options are being utilized for many proceedings. If you are scheduled for a hearing please contact the court to confirm that your physical appearance is required. Each Judge's administrative aide also serves as the case evaluation clerk and assignment clerk.

Marquette County Records and Case Search - michigancourts.org

To search for criminal court records in Marquette County, Michigan, begin with the Michigan Courts' online case search tool, known as "MiCOURT Case Search". This platform allows you to access public case information by entering details like a name or case number.

New Court Case Search Function Added! - Marquette County, ...

New Court Case Search Function Added! You can now search Court cases from our website using the following links: Circuit Court Case Search District Court Case Search Probate Court Case Search In the future you can access these links under Online Services on our Homepage.

Marquette County Court Directory and Judges

It provides quick, easy access to a vast collection of statutes, case law materials, public records and other legal resources. A computer terminal is provided for online research.

Clerk of Courts | Marquette County, WI

Clerks are required to maintain records of all documents filed with the courts, keep a record of court proceedings, schedule court hearings, and collect various fees, fines and forfeitures ...

101
...

101 Observatory | TAIPEI 101

101 89 91 101 Skyline460 ...

Events 101 | TAIPEI 101

101

101 101 | TAIPEI 101

101 SAINT LAURENT HUBLOT IWC 30 STAGE@TAIPEI
101 101

台北101 國際會議廳 | TAIPEI 101

001010000000LVMH00000000LV0Cartier0Gucci0HARRY WINSTON0BREGUET0000000000000000
000000000000000000 ...

☐☐ Food Court | TAIPEI 101

As an international landmark, TAIPEI 101 hosts more than 10 million visitors every year. More than five million domestic and foreign travelers will dine in the food court, which offers travelers ...

| TAIPEI 101

To purchase a discount ticket, you must present a valid Taiwan ID at the time of your in-person purchase at TAIPEI 101. Children under middle school age must be accompanied by an adult

101 101 Business | TAIPEI 101

```
00101LEEDWELL  
...  

```

| **TAIPEI 101**

You can get to TAIPEI 101 and TAIPEI 101 MRT Station by taking the bus to Shifu Station, Shimao Station, Xinyi Administrative Center, and/or Grand Hyatt Hotel. MRT TAIPEI 101 / ...

| TAIPEI 101

TAIPEI 101 uses the latest LED luminaires and replaces traditional light sources, greatly reducing overall power consumption, saving electricity costs, and extending lamp life.

Explore the Purdue past exam archive for comprehensive study resources. Access previous exams to boost your preparation. Learn more and enhance your success today!

[Back to Home](#)