



চট্টগ্রাম বিশ্ববিদ্যালয়
প্রথম বর্ষ বি.এসসি (অনার্স/ইঞ্জিনিয়ারিং) ভর্তি পরীক্ষা, ২০১৭-২০১৮
A ইউনিট

(বিজ্ঞানে অনুমতস্বত্ব সকল বিজ্ঞান/ইনস্টিটিউট, প্রীতিবিজ্ঞানে অনুমতস্বত্ব সকল বিজ্ঞান এবং ইঞ্জিনিয়ারিং অনুমতস্বত্ব সকল বিজ্ঞান)

সময়: ৬০ মিনিট

পূর্ণমান: ১০০

নির্দেশাবলি

১. বাংলা ও ইংরেজি বিষয়ে উত্তর দেয়া বাধ্যতামূলক।
২. বিজ্ঞান/ইনস্টিটিউট এর চাহিদা অনুযায়ী পদার্থবিদ্যা, রসায়ন, পলিট, পরিসংখ্যান, উদ্ভিদবিজ্ঞান, প্রাণিবিদ্যা ও আইসিটি হতে ছাত্রটি বিষয়ে উত্তর দিতে হবে।
৩. যেই গ্রন্থ নম্বর থেকে প্রতিটি ভুল উত্তরের জন্য ০.২৫ নম্বর করে কর্তন করা হবে।

বাংলা

১. "চতালে বসাত আমি ... আলো" - পুনরাবৃত্তি কোন শব্দ বসবে?
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Chittagong University C Unit Admission Test Question

A Gutmann



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web $\det(ab) = \det(a)\det(b)$ if a is invertible then $\det(a^{-1}) = \frac{1}{\det(a)}$ solution problems let $a = \begin{pmatrix} 8 & 1 & 6 & 3 & 5 & 7 & 4 & 9 & 2 \end{pmatrix}$ notice that a contains every integer from 1 to 9 and that the sums of each row column and diagonal of a are equal such a grid is sometimes called a magic square compute the determinant of a

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$$\begin{bmatrix} 2 & 2 & 0 & 1 & 1 & 0 & 1 & 1 & 0 & 3 \\ 1 & 1 & 3 & 0 & 1 & 1 & 1 & 1 & 1 & 1 \end{bmatrix}$$
 right a 2×10 problem 2

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web determinants all mathematical truths are relative and conditional c p steinmetz 4 1 introduction in the previous chapter we have studied about matrices and algebra of matrices we have also learnt that a system of algebraic equations can be expressed in the form of matrices this means a system of linear equations like $a_1x + b_1y = c_1$ $a_2x + b_2y = c_2$

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web so there are two quantities which can be found in a matrix minors and cofactors minors exist for each element of the matrix and are defined as the determinant of the matrix you get when you ignore the row and column of the element in question for example if my matrix is as follows $\begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 \end{bmatrix}$

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