

জুনিয়র স্কুল সার্টিফিকেট পরীক্ষা ঢাকা বোর্ড-২০১৭

গণিত

বিষয় কোড :

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সময়-২ ঘণ্টা ৩০ মিনিট

সৃজনশীল প্রশ্ন

মান-৭০

দ্রষ্টব্য : ক বিভাগ হতে ২টি, খ বিভাগ হতে ২টি, গ বিভাগ হতে ২টি এবং ঘ বিভাগ হতে ১টি করে মোট ৭টি প্রশ্নের উত্তর দিতে হবে।।

ক-বিভাগ : পাটিগণিত

- ১। ৭, ১৬, ২৫, ৩৪, ৪৩,
- (ক) ২৫ এবং ৩৪কে দুইটি বর্গের সমষ্টিরূপে প্রকাশ কর। ২
- (খ) তালিকার ২০তম সংখ্যাটি নির্ণয় কর। ৪
- (গ) তালিকার ১ম ৬০টি সংখ্যার সমষ্টি নির্ণয় কর। ৪
- ২। এক ব্যক্তি বার্ষিক শতকরা ১০ টাকা মুনাফায় ৬০০০ টাকা ৩ বছরের জন্য ব্যাংকে জমা রাখলেন।
- (ক) ১ম বছরান্তে মুনাফা-আসল নির্ণয় কর। ২
- (খ) সরল মুনাফা ও চক্রবৃদ্ধি মুনাফার পার্থক্য নির্ণয় কর। ৪
- (গ) একই হার সরল মুনাফায় উক্ত আসল কত বছরে মুনাফা-আসলে দেড়গুণ হবে? ৪
- ৩। একটি ঘরের দৈর্ঘ্য প্রস্থের ৪ গুণ। প্রতি বর্গমিটার ১২.৫০ টাকা দরে ঘরটির মেঝে কার্পেট দিয়ে ঢাকতে মোট ৩২০০ টাকা ব্যয় হয়।
- (ক) ঘরটির ক্ষেত্রফল নির্ণয় কর। ২
- (খ) ঘরটির দৈর্ঘ্য ও প্রস্থ নির্ণয় কর। ৪

বাকী পৃষ্ঠাগুলি নিচের লিঙ্কে ক্লিক করে ডাউনলোড করে পড়ুন।

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Jsc Dhaka Board Math Question

Michael Seilmaier

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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web single entity and related fatigue life to the calculated engineering stresses in the component much current research is attempting to describe the whole fatigue process by the study of crack propagation from very small initial defects figure 1.2 shows a fatigue fracture from a shaft which was tested in bending crack initiation has

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web the direct cyclic analysis capability in abaqus standard provides a computationally effective modeling technique to obtain the stabilized response of a structure subjected to periodic loading and is ideally suited to perform low cycle fatigue

calculations on a large structure

simulation of low cycle fatigue with abaqus fea researchgate - Oct 10 2022

web mar 9 2015 this paper demonstrate successful coupling of abaqus fea and fe safe software in predicting the uni axial fatigue behaviour of a stainless steel specimen the simulated results are verified