

খ সেট

জুনিয়র স্কুল সার্টিফিকেট পরীক্ষা,

পশ্চিম (সৃজনশীল + বহুনির্বাচনি অঙ্গীকরণ)

বিষয় কোড :

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সময়—৩ ঘণ্টা

পূর্ণমান—৭০+৩০=১০০

সৃজনশীল প্রশ্ন

মান—৭০

দ্রষ্টব্য :—কোন পাশের সংখ্যা প্রশ্নের পূর্ণমান জ্ঞাপক। প্রদত্ত উদ্দেশ্যকল্পে মনোযোগসহকারে পড় এবং সংশ্লিষ্ট প্রশ্নের উত্তর দাও।
ক, খ ও গ বিভাগ থেকে দুইটি করে এবং ঘ বিভাগ থেকে একটিসহ মোট সাতটি প্রশ্নের উত্তর দিতে হবে।

ক বিভাগ—প্রতিপনিত

- | | সংখ্যক |
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খ বিভাগ—বীজপনিত

- | | |
|---|---|
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[পর পৃষ্ঠা দ্রষ্টব্য]

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D Kirk



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Mathematics, 2024 New Jersey Test Prep Parcc Practice Book Mathematics Grade 5 Test Master Press New Jersey, 2014-09-23 New and Updated for the 2014 Standards and the New 2014 2015 State Tests In 2014 2015 the NJ ASK tests will be replaced by the PARCC assessments This book has been developed specifically to prepare students for the new PARCC assessments It includes two full length Performance Based Assessments PBA and two full length End of Year Assessments EOY It includes practice for all the tasks students will encounter on the real PARCC tests Complete Preparation for the PBA and the EOY Includes two PBA practice tests and two EOY practice tests Each practice test mimics the content of the real assessments Prepares students for all the question types found on the PARCC tests Developed Specifically for the New PARCC Mathematics Assessments Covers the same Common Core skills assessed on the PARCC assessments Provides practice completing selected response constructed response and computer based questions Includes more advanced questions to reflect more rigorous PARCC tasks Includes additional practice for the new complex tasks that require expressing mathematical reasoning and modeling or applying skills One Book Six Key Benefits Build confidence by using the tests to improve student performance Reduce test anxiety by allowing the student to practice taking the test Ensure students are comfortable with a range of question formats Introduce students to the new complex tasks found on the PARCC tests Help students prepare for the more rigorous Common Core assessments Use the full answer key and skills list to identify gaps in knowledge and target revision accordingly

Jsc Exam 2014 Mathematics Question Ctg Board: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the captivating narratives that have enthralled audiences this year. Jsc Exam 2014 Mathematics Question Ctg Board : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Jsc Exam 2014 Mathematics Question Ctg Board : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and suspenseful novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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web 8 2 1 1 hexagonal nut the upper corners of this nut are rounded off or chamfered the chamfering is generally conical the angle of chamfer is 30 or 45 with the base of the nut due to chamfering an arc is formed on each vertical face and a circle is formed on the top surface of the nut

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web a hex key also hex wrench allen key and allen wrench or inbus is a simple driver for bolts or screws that have heads with internal hexagonal recesses hex keys are formed from a single piece of hard hexagonal steel rod having blunt ends that fit snugly into similarly shaped screw sockets the rods are bent to 90° forming two arms of unequal

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web head designs that overlap both bolts and screws are the allen or torx heads hexagonal or splined sockets these modern designs span a large range of sizes and can carry a considerable torque rusty hexagonal bolt heads the american institute of steel construction 13th edition steel design manual section 16 1 chapter j 3 specifies the

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web the formula used to calculate the bolt area is as follows bolt area $ba = 0.7854 d^2 n$ in this formula d represents the bolt diameter in inches and n represents the number of threads per inch the bolt area is calculated by subtracting 0.9734 divided by the threads per inch from the bolt diameter and then squaring the

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web proximate joint and bolt stiffness is outlined in paragraph 5 0 the slope of the force angle of turn relationship can be represented by the following equation where k_b bolt spring rate lb in k_c joint spring rate lb in

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web jun 3 2020 calculation and drawing of hexagon bolt when drawing the bolt connection first calculate the nominal length l of the bolt the length of bolt $l = k_1 + g_2 + b_1$ after calculating the length check the national standard and take the standard length l according to the bolt length series

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web to design a hexagonal nut and bolt from a hexagonal or round bar your answer depends on whether you are using english or metric for metric you will use millimeters for english you will

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web jan 17 2023 properties dimensions and uses january 17 2023 9 34 am hexagon bolts also known as hex cap screws and head bolts are a fastener used to assemble two or more items they are often found in construction projects and repairs but can also be used for other tasks such as furniture assembly

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web mar 30 2023 standard conventional proportions may be considered while drawing a hexagonal nut width of the nut across the flat surface known as size across flat $1.5d + 3 \text{ mm}$ the diameter of the nut d in mm the thickness of the nut $0.8d$ to d the radius of front chamfer $1.5d$ the angle of chamfer 30°

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web fastener and screw bolt design formula calculations width across metric nut flats the width across flats of nut shall be the distance measured perpendicular to the axis of nut overall between two opposite sides of the nut in accordance with the notes on respective dimensional tables

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web me 423 machine design instructor rameshsingh thread nomenclature 12 bolt specification shigley's mechanical engineering design nominal diameter $\frac{1}{4} 20 \times \frac{3}{4}$ in unc 2 grade 5 hex head bolt threads per inch length thread series class fit material grade head type m12 x 1.75 iso 4.8 hex head bolt metric nominal diameter pitch

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