জুনিয়র স্কুল সার্টিফিকেট পরীক্ষা, ২০১৪

গণিত (সৃজনশীল + বহুনির্বাচনি অভীক্ষা)

[২০১৪ সালের সিলেবাস অনুযায়ী]

বিষয় কোড ঃ **1 0 9**

সময়—৩ ঘণ্টা

পূর্ণমান—৬০ + ৮০ = ১০০

সৃজনশীল প্রশ্ন

মান—৬০

[দ্রষ্টব্য ঃ—ডান পাশের সংখ্যা প্রশ্নের পূর্ণমান জ্ঞাপক। প্রতিটি বিভাগ থেকে কমপক্ষে একটি করে প্রশ্ন নিয়ে মোট ছয়টি প্রশ্নের উত্তর দাও।]

ক বিভাগ—পাটীগণিত

নম্বর

১। একটি আয়তাকার বাগানের দৈর্ঘ্য ৪০ মিটার এবং প্রস্থ ৩০ মিটার। বাগানের ভেতর চারিদিকে ৩ মিটার চওড়া একটি রাস্তা আছে। ২৫ সে.মি. দৈর্ঘ্য এবং ১২·৫ সে. মি. প্রস্থবিশিষ্ট ইট দিয়ে রাস্তাটি পাকা করা হলো।

(ক) বাগানের ক্ষেত্রফল নির্ণয় কর। ২

(খ) রাস্তার ক্ষেত্রফল নির্ণয় কর। ৪

(গ) রাস্তাটি পাকাকরণে প্রয়োজনীয় ইটের সংখ্যা বের কর। ৪

২। বাবুল হোসেন ৮% ক্ষতিতে একটি ছাগল বিক্রয় করলেন। কিন্তু ছাগলটি ৮০০ টাকা বেশি মূল্যে বিক্রয় করলে তাঁর ৮% লাভ হত। পরবর্তীতে তিনি ছাগলটির ক্রয়মূল্যের সমপরিমাণ টাকা বার্ষিক ১০% মুনাফায় ৩ বছরের জন্য ব্যাংকে জমা রাখলেন।

(ক) ৮% সরল মুনাফায় ৮০০ টাকার ৩ বছরের মুনাফা নির্ণয় কর। ২

(খ) ছাগলটির ক্রয়মূল্য নির্ণয় কর। ৪

(গ) উক্ত টাকা ব্যাংকে জমা রাখলে সরল মুনাফা ও চক্রবৃদ্ধি মুনাফার পার্থক্য কত হবে? ৪

খ বিভাগ—বীজগণিত

৩। $U = \{x : x$ স্বাভাবিক সংখ্যা এবং $x < 8\}$;

$P = \{1, 3, 5\}$;

$Q = \{x : x$ স্বাভাবিক সংখ্যা এবং $1 < x \leq 7\}$ এবং

$R = \{2, 4, 6\}$.

(ক) P^c নির্ণয় কর। ২

(খ) $(P \cap Q) \cup (Q \cup R)$ নির্ণয় কর। ২

(গ) প্রমাণ কর যে, $(Q \cup R)' = Q' \cap R'$. ৪

৪। $3x + 2y = 12, 2x + 3y = 13$ দুটি সমীকরণ—

(ক) $(4, 0)$ বিন্দুটি প্রথম সমীকরণকে সিদ্ধ করে কি-না যাচাই কর। ২

(খ) অপনয়ন পদ্ধতিতে সমীকরণদ্বয়ের সমাধান কর। ৪

(গ) লেখচিত্র থেকে সমীকরণদ্বয়ের সমাধান নির্ণয় কর। ৪

৫। $x + \dfrac{1}{x} = 5$ একটি বীজগাণিতিক সমীকরণ যেখানে $x > 0$.

(ক) $3x + \dfrac{3}{x}$ এর মান নির্ণয় কর। ২

(খ) $x^4 + \dfrac{1}{x^4}$ এর মান নির্ণয় কর। ৪

(গ) প্রমাণ কর যে, $x^2 - \dfrac{1}{x^2} \neq x^3 + \dfrac{1}{x^3}$. ৪

গ বিভাগ—জ্যামিতি

৬। $ABCD$ একটি আয়তক্ষেত্র যার $AB = 3$ সে. মি. উহার AC ও BD কর্ণদ্বয় পরস্পরকে O বিন্দুতে ছেদ করে।

(ক) উদ্দীপকের তথ্যগুলো চিত্রের সাহায্যে প্রকাশ কর। ২

(খ) প্রমাণ কর যে, $AC = BD$ এবং $AO = CO, BO = DO$. ৪

(গ) AB কে একটি বাহুর দৈর্ঘ্য এবং $AC = 5$ সে. মি.-কে একটি কর্ণের দৈর্ঘ্য ধরে একটি রম্বস অঙ্কন কর। ৪

[অঙ্কনের চিহ্ন ও বিবরণ আবশ্যক]

[পর পৃষ্ঠা দ্রষ্টব্য]

বাকী পৃষ্ঠাগুলি নিচের লিঙ্কে ক্লিক করে ডাউনলোড করে পড়ুন।

teachingbd.com

Jsc Matmatic Qus Ans 2014

Jiyuan Zhang

Jsc Matmatic Qus Ans 2014:

Yeah, reviewing a books **Jsc Matmatic Qus Ans 2014** could ensue your close links listings. This is just one of the solutions for you to be successful. As understood, feat does not recommend that you have fantastic points.

Comprehending as competently as accord even more than extra will provide each success. bordering to, the notice as well as keenness of this Jsc Matmatic Qus Ans 2014 can be taken as competently as picked to act.

https://staging.conocer.cide.edu/About/uploaded-files/index.jsp/English%20Critical%20Essays%20Twentieth%20Centur.pdf

Table of Contents Jsc Matmatic Qus Ans 2014

1. Understanding the eBook Jsc Matmatic Qus Ans 2014
   - The Rise of Digital Reading Jsc Matmatic Qus Ans 2014
   - Advantages of eBooks Over Traditional Books
2. Identifying Jsc Matmatic Qus Ans 2014
   - Exploring Different Genres
   - Considering Fiction vs. Non-Fiction
   - Determining Your Reading Goals
3. Choosing the Right eBook Platform
   - Popular eBook Platforms
   - Features to Look for in an Jsc Matmatic Qus Ans 2014
   - User-Friendly Interface
4. Exploring eBook Recommendations from Jsc Matmatic Qus Ans 2014
   - Personalized Recommendations
   - Jsc Matmatic Qus Ans 2014 User Reviews and Ratings
   - Jsc Matmatic Qus Ans 2014 and Bestseller Lists
5. Accessing Jsc Matmatic Qus Ans 2014 Free and Paid eBooks
   - Jsc Matmatic Qus Ans 2014 Public Domain eBooks
   - Jsc Matmatic Qus Ans 2014 eBook Subscription Services

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Jsc Matmatic Qus Ans 2014 Introduction

In the digital age, access to information has become easier than ever before. The ability to download Jsc Matmatic Qus Ans 2014 has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Jsc Matmatic Qus Ans 2014 has opened up a world of possibilities. Downloading Jsc Matmatic Qus Ans 2014 provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Jsc Matmatic Qus Ans 2014 has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Jsc Matmatic Qus Ans 2014. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Jsc Matmatic Qus Ans 2014. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Jsc Matmatic Qus Ans 2014, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Jsc Matmatic Qus Ans 2014 has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By

doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Jsc Matmatic Qus Ans 2014 Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Jsc Matmatic Qus Ans 2014 is one of the best book in our library for free trial. We provide copy of Jsc Matmatic Qus Ans 2014 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Jsc Matmatic Qus Ans 2014. Where to download Jsc Matmatic Qus Ans 2014 online for free? Are you looking for Jsc Matmatic Qus Ans 2014 PDF? This is definitely going to save you time and cash in something you should think about.

Find Jsc Matmatic Qus Ans 2014 :

english critical essays twentieth centur
english rural society 1200-1350
enhancing autonomy in long-term care
english spas fifteen sixty to eighteen fifteen a social history
english & scottish popular ballads volume 4
england harrods edtn
english for the thoughtful child vol 1
english age 8-9 easy learning s.
enjoying nature with your family learn look and conserve

english heritage since 1689

enigmatic chancellor 1st edition

enjoy your bible making the most of your time with gods word

english phonology and phonological theory

english made easy - key stage 2 ages 9-10 workbook 3 carol vordermans maths made easy

english for journalists

Jsc Matmatic Qus Ans 2014 :

who is princess eugenie here s what to know today - Feb 15 2023

web may 5 2023   princess eugenie born in 1990 and now 33 is charles niece and a granddaughter of the late queen elizabeth ii her father is the second oldest of elizabeth and the late prince philip s sons

princess eugenie and jack brooksbank expecting second child in - Jan 14 2023

web jan 24 2023   princess eugenie the duke of york s younger daughter and her husband jack brooksbank are expecting their second child due in the summer it has been announced

princess eugenie princesseugenie instagram photos and - Jul 20 2023

web 2m followers 31 following 244 posts see instagram photos and videos from princess eugenie princesseugenie

britain s princess eugenie pregnant with second child cnn - Mar 16 2023

web jan 24 2023   princess eugenie was born on march 23 1990 the princess parents announced their separation when she was two and divorced in 1996 sharing joint custody of eugenie and her older sister beatrice

princess eugenie gives birth to baby boy named ernest george - Aug 21 2023

web jun 5 2023   princess eugenie has given birth to a boy she has announced on instagram the king s niece gave birth to her second child ernest george ronnie brooksbank with husband jack brooksbank on 30 may

princess eugenie pregnant with second child bbc news - May 18 2023

web jan 24 2023   eugenie married jack brooksbank in 2018 and their son august philip hawke brooksbank was born in february 2021 the family are delighted and august is very much looking forward to being a big

princess eugenie gives birth to baby boy bbc news - Sep 22 2023

web feb 9 2021   princess eugenie the queen s grand daughter has given birth to a baby boy buckingham palace has announced the royal baby who is the queen s ninth great grandchild and 11th in line to the

princess eugenie wikipedia - Oct 23 2023

web princess eugenie mrs jack brooksbank ' juː ʒ ə n i yoo zhə nee eugenie victoria helena born 23 march 1990 is a member

of the british royal family she is the younger daughter of prince andrew duke of york and sarah duchess of york she is a niece of king charles iii at birth she was 6th in the line of succession to the british throne and is

who is princess eugenie 8 facts to know about the royal harper s bazaar - Jun 19 2023

web apr 24 2023   she is married to jack brooksbank eugenie married her longtime boyfriend jack brooksbank at st george s chapel the same venue as harry and meghan s wedding on october 12 2018 the couple

britain s princess eugenie announces birth of second child - Apr 17 2023

web jun 6 2023   eugenie was born on march 23 1990 the princess parents announced their separation when she was two and divorced in 1996 sharing joint custody of eugenie and her older sister beatrice

02 test nga garat në mehmet akif viii google sites - Jun 19 2023

web klasa e nëntë 9 klasa e tetë 8 klasa e shtatë 7 kurrikula angleze shkolla fillore mësime interaktive nga kimia hyrje shkolla e mesme studentë klasa e nëntë 9

test tremujori shkolla 9 vjeçare halit grëmi zvap fier - Jan 02 2022

web feb 24 2021   lgs ye hazırlık döneminde 8 sınıf öğrencilerinin türkçe konularıyla alakalı yeterince kaynağa sahip olduğunu söyleyebiliriz fakat tek konu şeklinde oluşan testler

test ne kimi klasa 8 pdf uniport edu - Oct 11 2022

web test për nxënësit e kl vii të shkollë fillore by fahri hoxha in types creative writing save save test kimi vii for later 0 ratings 0 found this document useful 0 votes 1k

tetst kimi 8 mediaprint periudha j m pdf scribd - May 18 2023

web test per periudhen janar mars lenda kimi 8 grupi a emri data klasa 1 a

libËr pËr mËsuesin kimia 8 shkollaime al - Mar 16 2023

web kimia 8 9 plani mësimor kimi 8 përmbledhje e shpërndarjes së orëve shpërndarja e temave sipas orëve mësimore semestri i parë semestri i dytë semestri i tretë 1 ndërtimi

8 sınıf lgs testleri Çöz yeni sorular - Nov 12 2022

web this test ne kimi klasa 8 as one of the most working sellers here will agreed be in the course of the best options to review the business value of computers paul a

8 sınıf test Çöz testkolik yeni nesil sorular - Jun 07 2022

web plani mësimor kimi viii plani mësimor për lëndën kimi viii është hartuar nga mësuesja eglantina lufta materiali është përgatitur në përputhje me nismën e re të ministrisë së

test kimi vii pdf scribd - Sep 10 2022

web ordu Ölçme değerlendirme merkezi tarafından 2021 2022 eğitim öğretim yılında hazırlanan 8 sınıf kazanım tarama

testleri düzenli olarak bu sayfadan yayınlanacaktır

<u>libër mësuesi kimia 8 media print</u> - Dec 13 2022

web konulara ve kazanımlara göre ayrılan 8 sınıf test sorularına bir tık ile hızlı ve kolayca ulaşarak her an her yerde öğrenmeye devam edin yeni eğitim müfredatına uygun 8

plani mësimor kimi viii portali shkollor - May 06 2022

web oct 17 2021   plani lËndor vjetor fusha shkencat natyrore lËnda kimi klasa viii nr tematika shpËrndarja e pËrmbajtjes SË lËndËs shtator

teste nga kimia lirim dragaqina google sites - Feb 15 2023

web apr 16 2017   teste të pergatitura për nxënës të shkollës fillore posted apr 16 2017 1 47 am by lirim dragaqina updated apr 16 2017 1 47 am attachments 9 klasa docx

<u>kimya viii sinif</u> - Feb 03 2022

web test tremujori i dyte ne lenden e kimise see more of shkolla 9 vjeçare halit grëmi zvap fier on facebook

<u>kimia klasa 8 flashcards quizlet</u> - Jul 20 2023

web 1 77 flashcards learn test match q chat beta created by zmochluffy terms in this set 77 ceshte kimia kimia eshte shkence e natyres e cila se bashku me fiziken dhe

<u>kuiz nga lenda e kimise i proprofs quiz</u> - Apr 17 2023

web mar 22 2023   explanation the given answer is correct because it includes both homogjene homogeneous and heterogjene heterogeneous as the possible ways

test kimi viii ix tremujori i parë viti shkollor 2021 2022 - Aug 21 2023

web test kimi viii ix tremujori i parë viti shkollor 2021 2022 më poshtë do të gjeni dy modele testesh ne lëndën e kimisë së klasës së 8 të dhe të klasës së 9 të të cilët vlejnë për

<u>kimi 8 test 3 pdf scribd</u> - Jan 14 2023

web klasifikoni substancat e mëposhtme në okside acide baza kripëra 8 pikë emërtoji ato 7 klasifikoni në okside bazike dhe okside acide 2 pikë 8 shkruani 3 rrugë të ndryshme

8 sinif tÜrkÇe karma testler yeni nesil türkçe - Dec 01 2021

web teste përmbledhëse të periudhës së parë kimi viii xii ju sjellim testet e periudhës së parë në lëndën e kimisë nga klasa e tetë deri në klasën e dymbëdhjet të përgatitura nga

<u>teste përmbledhëse të periudhës së parë kimi viii xii</u> - Oct 31 2021

web test kimi klasa ix tremujori i dytë model testi në lëndën e kimisë klasa 9 të së bashku me tabelën e specifikimeve blue print ky model i cili i referohet periudhës së

test kimi klasa ix tremujori i dytë portali shkollor - Sep 29 2021

8 sınıf kazanım tarama testleri 2021 2022 meb - Aug 09 2022

web 8 sınıf test Çöz 2023 8 sınıf kazanım testlerini cevapları ile çözebileceğiniz testlerin ders bazında temel sayfaları burada sıralanmıştır 8 sınıf testlerini çözerek lgs ye ve okul

test ne kimi klasa 8 2022 raceandwealth coas howard - Mar 04 2022

web viii fəsil dövri qanun kimyəvi elementlərin dövri sistemi və atomun quruluşu

8 sınıf lgs testleri 2023 tüm dersler test Çöz - Jul 08 2022

web testkolik te 8 sınıf test çöz ve puan kazan testkolikte yeni nesil sorular kazanım testleri ve konu kavrama testleri bulunmaktadır 8 sınıf testi çözmek için aşağıdan ünite adı

1 kimia 8 plane mësimore 21 22 ppt slideshare - Apr 05 2022

web exercise just what we meet the expense of under as skillfully as review test ne kimi klasa 8 what you in imitation of to read test ne kimi klasa 8 downloaded from

the formation of public opinion public opinion main features of - May 30 2023

web the formation of public opinion there are three stages in the formation of public opinion the rise of an issue discussion and proposed solutions and arrival at a consensus as soon as a public issue emerges there is usually a preliminary phase of discussion

chapter 8 section 1 the formation of public opinion flashcards - Oct 03 2023

web those events and issues that concern the people at large e g politics public issues and the making of public policies public opinion the complex collection of the opinions of many different people the sum of all their views mass media

the sage handbook of public opinion research - Jun 30 2023

web dec 27 2012   section 1 the status of public opinion research 39 the legal status of public opinion research in the world 40 attitudes of the public toward public opinion research and polling

public opinion definition characteristics examples polls - Sep 21 2022

web sep 21 2023   public opinion an aggregate of the individual views attitudes and beliefs about a particular topic as expressed by a significant proportion of a community public opinion is an influential force in politics culture fashion literature and the arts consumer spending and marketing and public relations

tureng public opinion türkçe İngilizce sözlük - Feb 12 2022

web public opinion polls i mass media and public opinion i molding public opinion i public opinion survey i public opinion poll i create a public opinion against f forge public opinion at the international level f form public opinion f form public opinion f

chapter 8 mass media and public opinion section 1 the formation - Mar 28 2023

web chapter 8 mass media and public opinion section 1 the formation of public opinion key words public affairs public opinion mass media peer group opinion leader what is public opinion public opinion is hard to measure because we are all part of several publics that affect our opinion for instance a single person may be from the

public opinion wikipedia - Jul 20 2022

web numerous theories and substantial evidence exists to explain the formation and dynamics of individuals opinions much of this research draws on psychological research on attitudes in communications studies and political science mass media are often seen as influential forces on public opinion

13 1 public opinion how is it formed chemistry libretexts - Mar 16 2022

web what is public opinion public opinion is a collection of popular views about something perhaps a person a local or national event or a new idea for example each day a number of polling companies call americans at random to ask whether they approve or disapprove of the way the president is guiding the economy

6 1 the nature of public opinion american government 3e - Jun 18 2022

web learning objectives by the end of this section you will be able to define public opinion and political socialization explain the process and role of political socialization in the u s political system compare the ways in which citizens learn political information explain how beliefs and ideology affect the formation of public opinion

theories of public opinion formation and change stanford - Aug 01 2023

web section 1 formation of opinion 15 07 2 8 2007 4984 donsbach ch12 tex paper a4 job no 4984 donsbach public opinion research sage handbook page 126 123 140 a4 job no 4984 donsbach public opinion research sage handbook page 130 123 140 130 the sage handbook of public opinion research appropriate inferences

opinion formation theory of researchgate - Nov 23 2022

web mar 26 2015 public opinion formation is also understood from three other perspectives the first retains a psychological focus but takes a more holistic view of political meaning and examines qualitative

pdf the social construction of public opinion researchgate - Dec 25 2022

web jan 1 2005 given that public opinion is widely considered to be unpredictable moy and bosch 2013 as well as susceptible to social construction krippendorff 2005 and major conflicts almond 1950 the

the public opinion process jstor - Feb 24 2023

web public opinion is the result of psychological and social processes that lead to a situa tion in which the behavior of each member of a public in regard to an issue is con ditioned by his expectation that other members of the public hold similar attitudes on the same issue

chapter 8 section 1 the formation of public opinion - Apr 28 2023

web terms in this set 5 public affairs those events and issues that concern the people at large e g politics public issues and the making of public policies public opinion the complex collection of the opinions of many different people mass media

summary meaning of public opinion characteristics of public opinion - May 18 2022

web public opinion acts as the protector of rights and liberties of citizens e acts as a powerful force in international sphere public opinion has acquired worldwide importance the international relations are influenced by public opinion formation of public opinion political socialisation political socialisation is the

chapter 8 the formation of public opinion flashcards - Sep 02 2023

web is the relative permanence or changeableness of an opinion relevance pertinence is how important a particular opinion is to the person who holds it study with quizlet and memorize flashcards containing terms like medium weblogs public agenda and more

pdf public opinion research - Aug 21 2022

web jul 23 2020   pdf the majority beliefs opinions or judgments of a society concerning political religious moral questions and are called public opinion public find read and cite all the research you

5 4 what is public opinion and where does it come from - Jan 26 2023

web public opinion is the aggregation of individual views that represent the feelings that people hold on an issue at a given point in time not all people have opinions on all topics and therefore another way to define public opinion is to say that it represents the views of ordinary citizens that they are willing to express openly

8 2 the nature of public opinion social sci libretexts - Oct 23 2022

web jan 14 2021   public opinion is a collection of popular views about something perhaps a person a local or national event or a new idea for example each day a number of polling companies call americans at random to ask whether they approve or disapprove of the way the president is guiding the economy 1

ijerph free full text modeling network public opinion - Apr 16 2022

web sep 14 2020   the results demonstrate that 1 fear is conducive to the formation of online public opinion but the speed is relatively slow sadness is not conducive to the formation but once enough people participate in the exchange of views the formation of online public opinion will be faster 2 the influence of online public opinion on individual