

Exercises in
PHYSICAL GEOLOGY
TENTH EDITION



W. KENNETH HAMBLIN • JAMES D. HOWARD

Exercises In Physical Geology

F. Alton Wade



Exercises In Physical Geology:

Exercises in Physical Geology William Kenneth Hamblin, James D. Howard, 1977 *Exercises in Physical Geology* Pearson Custom Publishing, 1995-08-01 *Instructor's Supplement, Exercises in Physical Geology* William Kenneth Hamblin, James D. Howard, 1980 Exercises in Physical Geology W. Kenneth Hamblin, James D. Howard, 2013-10-03 For lab courses in Physical Geology A top seller for over 35 years with over one million copies sold this lab manual represents by far the best collection of photos of rocks and minerals and one of the best compilations of exercises available With exercises using maps aerial photos satellite imagery and other materials this classic manual encompasses all the major geologic processes as well as the identification of rocks and minerals All changes in the Twelfth Edition are based on reviewer feedback **Physical Geology Exercises** John H. Bush, Jennifer Hinds, 2012-01-30 Physical Geology Exercises Dennis Geist, John H. Bush, 2004-08 *Physical Geology Exercises* John H. Bush, 1994-02-01 **Physical Geology Exercises** Bush, 1991-08-01 *Physical Geology Exercises* John Bush, University of Idaho. Department of Geology and Geological Engineering, 1996 Physical Geology Exercises Bush, 1996 *Laboratory Exercises in Physical Geology* William Clement Putnam, Robert Wallace Webb, 1938 *Laboratory Exercises in Physical Geology* Allan Ludman, 1993 Designed to help students gain a conceptual understanding through hands on experience this text uses an informal tone to invoke student interest and curiosity Features include hands on labs requiring only common inexpensive materials such as string glass jars and clay and a summary exercise Putting it All Together which challenges students to synthesize what they have learnt in previous chapters *Laboratory Exercises in Physical Geology* Temple University Geology Department, 1993-07-01

Exercises in physical geology F. Alton Wade, 1962 **Laboratory Exercises for Physical Geology** Charles J. Mott, 1987-01-01 **Lab Exercises in Physical Geology** Davis, 1996-07-01 Exercises in Physical Geology William Kenneth Hamblin, James D. Howard, 1975 Laboratory Exercises in Physical Geology Kula C. Misra, Richard W. Arnseth, 1994 Laboratory Exercises in Physical Geology F. J. Leyden, 1969 Exercises in Physical Geology , 1974

Delve into the emotional tapestry woven by in Dive into the Emotion of **Exercises In Physical Geology** . This ebook, available for download in a PDF format (PDF Size: *), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

<https://webhost.bhasd.org/book/book-search/Documents/Letters%20From%20The%20Masters%20Of%20The%20Wisdom%201870%2019.pdf>

Table of Contents Exercises In Physical Geology

1. Understanding the eBook Exercises In Physical Geology
 - The Rise of Digital Reading Exercises In Physical Geology
 - Advantages of eBooks Over Traditional Books
2. Identifying Exercises In Physical Geology
 - 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 Exercises In Physical Geology
 - User-Friendly Interface
4. Exploring eBook Recommendations from Exercises In Physical Geology
 - Personalized Recommendations
 - Exercises In Physical Geology User Reviews and Ratings
 - Exercises In Physical Geology and Bestseller Lists
5. Accessing Exercises In Physical Geology Free and Paid eBooks
 - Exercises In Physical Geology Public Domain eBooks
 - Exercises In Physical Geology eBook Subscription Services

- Exercises In Physical Geology Budget-Friendly Options
- 6. Navigating Exercises In Physical Geology eBook Formats
 - ePub, PDF, MOBI, and More
 - Exercises In Physical Geology Compatibility with Devices
 - Exercises In Physical Geology Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Exercises In Physical Geology
 - Highlighting and Note-Taking Exercises In Physical Geology
 - Interactive Elements Exercises In Physical Geology
- 8. Staying Engaged with Exercises In Physical Geology
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Exercises In Physical Geology
- 9. Balancing eBooks and Physical Books Exercises In Physical Geology
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Exercises In Physical Geology
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Exercises In Physical Geology
 - Setting Reading Goals Exercises In Physical Geology
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Exercises In Physical Geology
 - Fact-Checking eBook Content of Exercises In Physical Geology
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Exercises In Physical Geology Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Exercises In Physical Geology free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Exercises In Physical Geology free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Exercises In Physical Geology free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Exercises In Physical Geology. In conclusion, the

internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Exercises In Physical Geology any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Exercises In Physical Geology 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 webbased 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. Exercises In Physical Geology is one of the best book in our library for free trial. We provide copy of Exercises In Physical Geology in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Exercises In Physical Geology. Where to download Exercises In Physical Geology online for free? Are you looking for Exercises In Physical Geology PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Exercises In Physical Geology. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Exercises In Physical Geology are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or

categories, brands or niches related with Exercises In Physical Geology. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Exercises In Physical Geology To get started finding Exercises In Physical Geology, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Exercises In Physical Geology So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Exercises In Physical Geology. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Exercises In Physical Geology, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Exercises In Physical Geology is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Exercises In Physical Geology is universally compatible with any devices to read.

Find Exercises In Physical Geology :

letters from the masters of the wisdom 1870-1900

lexicon of jewish cooking

letters from god for teens gods faithful promises for you

letters from george lord carew to sir

letters from jack london

~~level two write away~~ ~~threeering bound~~ program guide

lettering for students and craftspeople

lexus and the olive tree understanding globalization

letters of love and war

letters from barcelona dedalus editions s

lexikon der franzosischen literatur

letters from my friend teilhard de chardin

letters of fletcher christian

lettres choisies

lhj art homemakg p

Exercises In Physical Geology :

garfield tome 61 garfield garfield perd la boule - Oct 25 2021

bandes dessinées garfield tome 61 garfield perd la boule - Jul 14 2023

web garfield perd la boule jim davis auteur scénario dessin 11 95 48 pages résumé détails de l ouvrage tome 61 des aventures hilarantes du chat le plus glouton du monde

garfield tome 61 garfield perd la boule jim davis babelio - Apr 11 2023

web oct 9 2015 critiques 4 citations extraits de garfield tome 61 garfield perd la boule de jim davis le nouvel opus de garfield est arrivé est celui du mois d octobre a to

garfield tome 61 garfield perd la boule sur apple books - Nov 06 2022

web garfield tome 61 garfield perd la boule by jim davis 2015 10 09 jim davis books amazon ca

garfield tome 61 garfield perd la boule french edition ebook - Dec 27 2021

web public tous publics enfants genre humour collection dargaud date de sortie 9 octobre 2015 pagination 48 pages ean 9782205073621

garfield tome 61 garfield perd la boule by jim davis - Dec 07 2022

web oct 9 2015 tome 61 des aventures hilarantes du chat le plus glouton du monde Noël Noël c est bientôt Noël El garfield ne sait plus où donner de la tête entre écrire les

garfield garfield perd la boule bd et tomes sur zoo - Aug 03 2022

web garfield perd la boule est le volume 61 de la série garfield par jim davis paru en 2015 selon nos informations il n en existe qu une seule édition publiée par dargaud auteurs

garfield 61 garfield tome 61 garfield perd la boule ebook - Feb 26 2022

web détail de l album garfield tome 61 perd la boule une bande dessinée de jim davis paru en 2015 chez dargaud isbn 978 2 205 07362 1

garfield tome 61 garfield perd la boule by jim davis 2015 10 - Oct 05 2022

web oct 9 2015 tome 61 des aventures hilarantes du chat le plus glouton du monde Noël Noël c est bientôt Noël El garfield ne sait plus où donner de la tête entre écrire les

garfield tome 61 garfield perd la boule format kindle - Mar 10 2023

web achetez et téléchargez ebook garfield tome 61 garfield perd la boule boutique kindle comics amazon fr

garfield tome 61 garfield perd la boule bdfugue com - Apr 30 2022

web oct 9 2015 garfield tome 61 garfield perd la boule french edition kindle edition by jim davis jim davis download it once and read it on your kindle device pc phones

garfield tome 61 perd laboule bd fan comics votre - Nov 25 2021

web oct 9 2015 garfield ne sait plus où donner de la tête entre écrire les listes de cadeaux au père Noël essayer de compenser en quelques jours tous les mauvais coups faits le

garfield tome 61 garfield perd la boule french edition - Mar 30 2022

web garfield 61 garfield tome 61 garfield perd la boule tome 61 des aventures hilarantes du chat le plus glouton du monde Noël Noël c'est

garfield perd la boule par jim davis tome 61 de la série garfield - Jul 02 2022

web tome 61 des aventures hilarantes du chat le plus glouton du monde Noël Noël c'est bientôt Noël ! garfield ne sait plus où donner de la tête entre écrire les listes de

v61 garfield izneo com - Jun 01 2022

web oct 9 2015 référence 9782205073621 nombre de pages 48 poids 370 g dimensions 32 0 x 24 0 cm langue français éditeur dargaud auteurs jim davis

garfield tome 61 garfield garfield perd la boule fnac - Jun 13 2023

web oct 9 2015 garfield tome 61 garfield garfield perd la boule jim davis jim davis dargaud des milliers de livres avec la livraison chez vous en 1 jour ou en magasin avec

garfield dargaud 61 garfield perd la boule bedetheque - Aug 15 2023

web oct 11 2015 entre écrire les listes de cadeaux au père Noël essayer de compenser en quelques jours tous les mauvais coups faits le reste de l'année et en plus s'assurer

garfield 61 garfield perd la boule davis jim 9782205073621 - Jan 08 2023

web garfield tome 61 garfield perd la boule book read reviews from world's largest community for readers tome 61 des aventures hilarantes du chat le pl

garfield tome 61 perd la boule Édition de 2015 dargaud - Jan 28 2022

web garfield tome 61 garfield perd la boule french edition ebook jim davis jim davis amazon.co.uk kindle store

garfield tome 61 garfield perd la boule apple books - Sep 04 2022

web découvrez résumé en ligne extraits bande annonce et critiques du tome 61 de garfield garfield perd la boule par jim davis sur zoo

garfield tome 61 garfield perd la boule de jim davis - Feb 09 2023

web nov 24 2015 la librairie gallimard vous renseigne sur garfield 61 garfield perd la boule de l auteur davis jim 9782205073621 vous êtes informés sur sa disponibilité son

garfield garfield perd la boule by jim davis goodreads - May 12 2023

web oct 9 2015 read reviews from the world s largest community for readers tome 61 des aventures hilarantes du chat le plus glouton du monde Noël Noël c est bientôt

ottoman caliphate wikipedia - Jun 04 2023

web this article is about the office of the caliph for the associated empire see ottoman empire the caliphate of the ottoman empire ottoman turkish دولت اسلامی عثمانیہ romanized hilâfet makamı lit office of the caliphate was the claim of the heads of the turkish ottoman dynasty to be the caliphs of islam in the late medieval and early modern era

khilafat e usmania history in hindi urdu youtube - Apr 21 2022

web khilafat e usmaniakhilafat e rashida history in urduislamic history shorts khilafat e usmania kaise khatam huiottoman empire history in urduottoman empire h

khilafat e usmania history in urdu youtube - Jul 25 2022

web khilafat e usmania in urdu khilafat e usmania history in urdu osman ertugrul history youtube اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت

khilafat usmania history sultanat e usmania kab khatima hui urdu - Apr 02 2023

web this video about khilafat usmania history sultanat e usmania kab khatima hui urdu hindi english intro 00 00 1 2 you may like my other videos as well title

khilafat movement wikipedia - May 23 2022

web modernism islam and other religions islamophobia islam portal politics portal v t e the khilafat movement 1919 22 was a political campaign launched by indian muslims in british india over british policy against turkey and the planned dismemberment of the ottoman empire after world war i by allied forces

tarikh e khilafat usmania تاریخِ خلافتِ عثمانیہ تاریخِ خلافتِ عثمانیہ **urdu book** - Nov 28 2022

web subject history year 2021 your one stop urdu book store urdubook com order your copy of tarikh e khilafat usmania تاریخِ خلافتِ عثمانیہ تاریخِ خلافتِ عثمانیہ from urdu book to earn reward points and free shipping on eligible orders author muhammad aziz language urdu subject history year 2021 your one stop urdu book store urdubook com

khilafat e usmaniya history in urdu اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت - Oct 08 2023

web jan 1 2023 اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت khilafat e usmania ki tareekh اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت اسلامی خلافت کی تاریخ اور اس کی اہمیت tareekh e islam

khilafat e usmania javed chaudhry daily urdu columns - Jul 05 2023

web 1 8k views 64 likes 15 loves 3 comments 34 shares facebook watch videos from tanhai khilafat usmania history in urdu
 khilafat usmania sultanat e usmania ka khatima kasay hoa - Sep 26 2022

khilafte usmania ka matlab khilafat e usmania in urdu drama - Feb 17 2022

the real concept of khilafat urdu ﷻ ﷻ ﷻ - Jan 31 2023

khilafat e usmania aur duniya e islam syed sulaiman nadvi - Aug 06 2023

khilafat e usmania khilafat e usmania in urdu khilafat usmania - Aug 26 2022

khilafat usmania ka zawal how saltanat e usmania came to - Mar 21 2022

khilafat usmania sultanat e usmania in urdu ku info youtube - Mar 01 2023

saltanat usmania history in urdu - Sep 07 2023

[illegible]

web today we will share with you a beautiful video about khilafat usmania sultanat e usmania history in urdu ku info my

channel name is k u info the chan

sultanat e usmania ka urooj o zawal part 2 khilafat e usmania - May 03 2023

web nov 6 2023 khilafatusmania sultanabdulhamid sultanateusmania episode2 voiceofrawalakot sultanat e usmania ka urooj o zawal part 2 khilafat e usmania complete h

khilafat movement causes date history facts britannica - Jun 23 2022

web sep 15 2023 khilafat movement pan islamic force in india that arose in 1919 in an effort to salvage the ottoman caliph as a symbol of unity among muslims in india during the period of british rule the movement was initially bolstered by gandhi s noncooperation movement but fell apart after the abolition of the caliphate in 1924

welcome to keshav saraswati vidya mandir keshav saraswati - May 31 2022

web event dates jceceb counselling registration window june 16 2023 july 07 2023 phase 1 registration choice filling july 13 2023 july 19 2023

shiksha bharti school shiksha bharti school - Oct 24 2021

□ □ □ □ □ □ □ **2023** □ □ □ □ □ **pdf** □ □ □ □ □ □ - Jun 12 2023

web website created with it department training notice karyalay lekha 2023 new acharya training 2023

□ □ □ □ □ □ □ □ □ **2023 2578 bihar shiksha** - May 11 2023

web □ □ □ 07 sep 2023 interview date 15 09 2023 place bharti shikshak prashikshan mahavidyalay sadatpur muzaffarpur note please download your interview letter from

bharat bhartiya shiksha samiti 100 scholarship program - Feb 25 2022

web shiksha bharti is a school with a mission to provide free and quality education to children from the underserved communities of gurugram read more

home bsspatna in - Mar 09 2023

web under the direction of bharti bihar region the process of construction of training college in muzaffarpur sadatpur started in 2008 for the production of qualified teachers full of

shiksha bharti home - Nov 24 2021

bihar shikshak bharti 2023 □ □ □ □ □ □ □ □ - Apr 10 2023

web jul 20 2023 bharti shiksha samiti patna patna bihar institute overview ngos trust charitable institutions in india india s 1 top ranked corporate company

home bsspatna in - Jul 01 2022

web bharat bhartiya shiksha samiti 100 scholarship program apply now intelligence over knowledge imagination is more important than knowledge knowledge is limited

bharti shikshak prashikshan mahavidyalaya - Oct 04 2022

web introduction keshav saraswati vidya mandir is an affiliated school run and managed by keshav prajnapeetham under guidance of shishu shiksha prabandh samiti

home bhartiya shiksha board - Sep 22 2021

bharti shiksha samiti bihar ngo details - Aug 14 2023

web jul 21 2000 bharti shiksha samiti bihar is establised as on 21 july 2000 as a registered societies non government in bihar registration no of bharti

scert bihar class 1 to calss 12 books biharscert in - Nov 05 2022

web our sports activities vidya bharti khel parishad a wing of vidya bharti envisions providing a robust vibrant and holistic physical education school sports activity that will

□ □ □ □ □ □ □ □ □ □ - Sep 03 2022

web bharti shikshak prashikshan mahavidyalaya bspm established in january 2010 by lok shiksha samiti bihar muzaffarpur bihar this faculty was supported with the co

birla bharati - Dec 26 2021

bharti shiksha samiti patna patna bihar institute - Jan 07 2023

web dr hedgewar nagar barwat sena bettiah west champaran bihar 845438 phone 9006521328 e mail svmbthbtth gmail com website svmbth com vibhag

vbkp uttarpurva kshetra - Aug 02 2022

web run and managed by keshav prajnapeetham under guidance of shishu shiksha prabandh samiti bihar reg no 147 1977 78 introduction keshav saraswati vidya

□ □ □ □ □ □ □ □ □ □ □ □ - Feb 08 2023

web bihar state book publishing corporation all classs books avalaibe here thu 14 sep 2023 06 58 am state council of educational research and training bihar □ □ □ □ □ □

bharti shikshak prashikshan mahavidyalaya bspm - Apr 29 2022

web contact us taratalla santoshpur new road near nature park p o bidhangarh kolkata 700066 91 9830281660 9830282209 info birlabharati org

bit sindri admission 2023 courses fees eligibility criteria - Jan 27 2022

web bharatiya shiksha board bsb the board is a financially and administratively independent school education board setup by the government of india through its autonomous body

education department government of bihar - Jul 13 2023

web sep 13 2023 about us bihar is a land of wisdom the department of education bihar is responsible for preserving the glorious history of the state as used to be in the golden era

welcome to sainik school keshav saraswati vidya mandir - Mar 29 2022

web shiksha bharti is a registered society in the field of education for the all round development of future generation it has been running successfully since 1989 education institutions in

bsp mahavidyalaya about - Dec 06 2022

web bharti shiksha samiti lok shiksha samiti vidya vikash samiti state select state bihar jharkhand district select district school details your school id principal s mobile no