

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

www.jkuat.ac.ke

Undergraduate & Postgraduate Programmes



<u>Jkuat Courses Intakes 2015</u>

Mulala Danny Simatele, Felix Kwabena Donkor, Henry Bikwibili Tantoh

Jkuat Courses Intakes 2015:

<u>Climate change, land, water and food security: Perspectives from sub-saharan africa</u> Mulala Danny Simatele, Felix Kwabena Donkor, Henry Bikwibili Tantoh, 2023-06-22

If you ally obsession such a referred **Jkuat Courses Intakes 2015** ebook that will allow you worth, get the certainly best seller from us currently from several preferred authors. If you want to comical books, lots of novels, tale, jokes, and more fictions collections are also launched, from best seller to one of the most current released.

You may not be perplexed to enjoy all ebook collections Jkuat Courses Intakes 2015 that we will definitely offer. It is not a propos the costs. Its nearly what you compulsion currently. This Jkuat Courses Intakes 2015, as one of the most functioning sellers here will no question be along with the best options to review.

https://recruitmentslovakia.com/public/publication/index.jsp/Essentials Word 2002 Level 3.pdf

Table of Contents Jkuat Courses Intakes 2015

- 1. Understanding the eBook Jkuat Courses Intakes 2015
 - The Rise of Digital Reading Jkuat Courses Intakes 2015
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Jkuat Courses Intakes 2015
 - 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 Jkuat Courses Intakes 2015
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Jkuat Courses Intakes 2015
 - Personalized Recommendations
 - Jkuat Courses Intakes 2015 User Reviews and Ratings
 - Jkuat Courses Intakes 2015 and Bestseller Lists
- 5. Accessing Ikuat Courses Intakes 2015 Free and Paid eBooks

- Jkuat Courses Intakes 2015 Public Domain eBooks
- Jkuat Courses Intakes 2015 eBook Subscription Services
- Jkuat Courses Intakes 2015 Budget-Friendly Options
- 6. Navigating Jkuat Courses Intakes 2015 eBook Formats
 - o ePub, PDF, MOBI, and More
 - Jkuat Courses Intakes 2015 Compatibility with Devices
 - Jkuat Courses Intakes 2015 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Jkuat Courses Intakes 2015
 - Highlighting and Note-Taking Jkuat Courses Intakes 2015
 - Interactive Elements Jkuat Courses Intakes 2015
- 8. Staying Engaged with Jkuat Courses Intakes 2015
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Jkuat Courses Intakes 2015
- 9. Balancing eBooks and Physical Books Jkuat Courses Intakes 2015
 - \circ Benefits of a Digital Library
 - Creating a Diverse Reading Collection Jkuat Courses Intakes 2015
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Jkuat Courses Intakes 2015
 - Setting Reading Goals Jkuat Courses Intakes 2015
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Jkuat Courses Intakes 2015
 - $\circ\,$ Fact-Checking eBook Content of Jkuat Courses Intakes 2015
 - 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

Jkuat Courses Intakes 2015 Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In todays fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Jkuat Courses Intakes 2015 PDF books and manuals is the internets largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-touse website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers

individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Jkuat Courses Intakes 2015 PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Jkuat Courses Intakes 2015 free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Jkuat Courses Intakes 2015 Books

What is a Ikuat Courses Intakes 2015 PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a Jkuat Courses Intakes 2015 PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a Jkuat Courses Intakes 2015 PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a Jkuat Courses Intakes 2015 PDF to another file format? There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a Jkuat Courses Intakes 2015 **PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing

and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Jkuat Courses Intakes 2015:

essentials word 2002 level 3

case 821 loader manual

manual bobcat 600

n2 carpentry question paper 12 nov 2014

lamborghini tractor manual

novel orphan train discussion guide

upng acceptance list 25

spanish learning quide

iterated nonlinear maps and hilberts projective metric ii memoirs of the american mathematical society 401

navigat x mk1 manual

4th grade texas history novels

bromma overheight frame manual

case 830 comfort king manual

the marriage miracle

accounting practice set answers payroll

Jkuat Courses Intakes 2015:

istanbul technical university wikipedia - Apr 07 2022

web wtia wireless technology industry association hong kong wtia welding technology institute of australia wtia west tennessee industrial association jackson tn wtia

commentary on the standard as nzs 1554 structural steel - Nov 14 2022

web safety and rehabilitation ohs r a publication e g wtia technical note a video or a standard through to software a one page guidance note or welding procedure clearly

wtia tn 05 1994 pdf scribd - Sep 24 2023

web wtia tn 05 1994 free download as pdf file pdf or read online for free welding technology institute of australia technical note 5 1994 flame cutting of steels

resources weld australia member portal - Feb 17 2023

web safety and rehabilitation ohs r a publication e g wtia technical note a video or a standard through to software a one page guidance note or welding procedure clearly

intel launches intel core 14th gen desktop processors for - Oct 01 2021

web wtia wireless technology industry association computing telecom and more rate it wtia wealthteam international association business companies firms rate it

wtia home - May 08 2022

web taipei oct 23 reuters foxconn 2317 tw a major supplier of apple s aapl o iphones is facing a tax probe in china two sources close to foxconn confirmed on

second technical meeting on coordinated integrated health - Dec 03 2021

web oct 16 2023 oct 19 editor s note while some processors in the intel core 14th gen processor family will include support for thunderbolt 5 intel core 14th gen desktop

australian steel institute flame cutting of steels wtia tn05 1994 - Aug 23 2023

web may 3 2018 flame cutting of steels wtia tn05 1994 flame cutting is used extensively in welded steel fabrication as a normal method for cutting plates to size and preparing

welding and inspection procedures for in service welding twi - Jul 10 2022

web wtia is the advisory and capital market solution of some of the biggest blockchain projects in the world download he has a broad range of experience advising multi national

taiwan s foxconn faces china tax probe seen as politically - Mar 06 2022

web oct 20 2023 the supreme court on friday allowed biden administration officials to continue to contact social media platforms to combat what the officials say is

product details weld australia member portal - May 20 2023

web technical note 5 flame cutting of steels 1994 preview notice quality requirements for thermal cutting hera - Apr 19 2023

web description milsons point n s w welding technology institute of australia 1989 2009 v ill 32 cm numbering note earlier editions which were published under the earlier

supreme court pauses ruling blocking biden administration s - Jan 04 2022

web looking for online definition of wtia or what wtia stands for wtia is listed in the world's most authoritative dictionary of abbreviations and acronyms the free dictionary

the weldability of steels - Jun 28 2021

stock market today what to watch the wall street journal - Aug 31 2021

web safety and rehabilitation ohs r a publication e g wtia technical note a video or a standard through to software a one page guidance note or welding procedure clearly

the weldability of steels combined weld - Jan 16 2023

web safety and rehabilitation ohs r a publication e g wtia technical note a video or a standard through to software a one page guidance note or welding procedure clearly

what does wtia stand for abbreviations com - Jul 30 2021

technical guide cutting bisalloy - Jun 21 2023

web technical guide cutting introducing our new product nomenclature bisalloy steels has recently introduced a new product nomenclature the following table

wtia technical note 05 flame cutting of steels 1994 - Jul 22 2023

web jan 1 1994 this technical note 05 gives a wealth of practical guidance on flame cutting including detailed procedures for efficient cutting selection of equipment and gases

the weldability of steels australian steel institute - Dec 15 2022

web preview gives guidance on the preheat and heat input conditions run size current voltage required for acceptable welds and to avoid cold cracking in a wide variety of

wtia definition by acronymfinder - Feb 05 2022

web convening ministry of health appointed representatives from across member states as well as partnered international experts and staff from the different technical units of who

product details weld australia member portal - Oct 13 2022

web health and safety in welding combined weldthis wtia technical note provides comprehensive guidance on how to ensure health and safety in welding operations it

istanbul technical university faculty of mines - Jun 09 2022

web istanbul technical university also known as technical university of istanbul turkish İstanbul teknik Üniversitesi commonly referred to as İtÜ is an international technical

wtia technical note no 7 combinedweld com au - Aug 11 2022

web the beneficiation of coal and coal washing plants seminar notes güney grafik 1986 inturkish handbook for mineral processing published by turkish mining

wtia technical note catalogue national library of australia - Mar 18 2023

web safety and rehabilitation ohs r a publication e g wtia technical note a video or a standard through to software a one page guidance note or welding procedure clearly

wtia what does wtia stand for the free dictionary - Nov 02 2021

web oct 23 2023 at 3 15 am edt earnings season is revving up this week but today is set to be a quiet day for results on tuesday earnings are due from microsoft and google

welding fabrication of quenched and tempered steel - Sep 12 2022

web for in service welds of leg length 30mm and pipe wall thickness 9 5mm only 63 of the pipe fusion line will be available for inspection and for a sleeve thickness of 30mm only

ideal gas law worksheet answers chemistry if 8766 - Jun 03 2022

web sep 18 2023 web ideal gas law answer key chemistry if8766 the ideal gas law investigates the relationship between pressure volume temperature and moles of a

ideal gas law chemistry if8766 answer key pdf pdf - Apr 01 2022

web ideal gas law chemistry if8766 answer key pdf introduction ideal gas law chemistry if8766 answer key pdf pdf ideal gas law 51 success secrets 51 most

ideal gas wikipedia - Jan 10 2023

web scientists other category v t e an ideal gas is a theoretical gas composed of many randomly moving point particles that are not subject to interparticle interactions 1 the

ideal gas definition equation properties facts britannica - Feb 11 2023

web oct 3 2023 the ideal gas law may be written in a form applicable to any gas according to avogadro s law if the constant specifying the quantity of gas is expressed in terms of the

ideal gas law with worked solutions videos online math - Jul 04 2022

web this is a series of lectures in videos covering chemistry topics taught in high schools ideal gas law pt 1 ideal gas law pt 2 ideal gas law pt 3 ideal gas law try the

pdf ideal gas law chemistry if8766 answer key - Dec 29 2021

web ideal gas law chemistry if8766 answer key the extraordinary education of nicholas benedict oct 22 2022 when nine year old nicholas benedict is sent to a new

boyle law chemistry if8766 answer key answers for 2023 exams - Aug 05 2022

web downloads boyle law chemistry if8766 answer key updated 5299 kb s 5962 boyle law chemistry if8766 answer key added by users 2274 kb s 7611 boyle law

ideal gas law answer key chemistry if 8766 - Apr 13 2023

web ideal gas law answer key chemistry if8766 the ideal gas law investigates the relationship between pressure volume temperature and moles of a gas this

ideal gas law worksheet pv nrt quia - Jun 15 2023

web gas laws packet ideal gas law worksheet pv nrt use the ideal gas law pv nrt and the universal gas constant r 0~0821~l atm to solve the following problems k mol

ideal gas law worksheet answers chemistry if 8766 - Nov 08 2022

web may 28 2023 web web worksheets are ideal gas law answer key and work answer key combined gas law chemistry if8766 combined gas law chemistry if8766

the ideal gas law chemistry libretexts - Aug 17 2023

web jan 30 2023 an ideal gas is a hypothetical gas dreamed by chemists and students because it would be much easier if things like intermolecular forces do not exist to

7 3 1 practice problems applications of the ideal gas law - Oct 19 2023

web a sample of gas isolated from unrefined petroleum contains 90 0 ch 4 8 9 c 2 h 6 and 1 1 c 3 h 8 at a total pressure of 307 2 kpa what is the partial pressure of each

if8766 answer k worksheets printable worksheets - Feb 28 2022

web ideal gas law chemistry if8766 answer key university of texas at austin writing formulas key criss cross method if8766 answer k worksheets showing all 8

ideal gas law chemistry if 8766 answer key full pdf - Nov 27 2021

web ideal gas law chemistry if8766 answer key 1 ideal gas law chemistry if8766 answer key in five volumes to which is prefixed the life of the author principles and modern

school district of clayton overview - Jul 16 2023

web created date 2 28 2013 8 06 06 pm

10 3 the ideal gas law chemistry libretexts - May 14 2023

web the ideal gas law describes the behavior of an ideal gas a hypothetical substance whose behavior can be explained quantitatively by the ideal gas law and the kinetic molecular

ideal gas law worksheet answers chemistry if8766 - Mar 12 2023

web jul 18 2023 web ideal gas law answer key chemistry if8766 the ideal gas law investigates the relationship between pressure volume temperature and moles of a

ideal gas law answer key chemistry if8766 - Oct 07 2022

web we can calculate the volume of 1 000 mol of an ideal gas under standard conditions using the variant of the ideal gas law given in equation ref 10.4.4

ideal gas law worksheet answers chemistry if8766 - Sep 06 2022

web web ideal gas law answer key chemistry if8766 the ideal gas law investigates the relationship between pressure volume temperature and moles of a gas p 1 006

ideal gas law chemistry if8766 answer key - May 02 2022

web we give ideal gas law chemistry if8766 answer key and numerous ebook collections from fictions to scientific research in any way accompanied by them is this ideal gas

the ideal gas law teachnlearnchem com - Sep 18 2023

web answers 1 60 0 l o2 59 g co 3 517 6 kpa 4 112 c 5 radon chemistry the ideal gas lawkey directions solve each of the following problems show your work

ideal gas law definition usage examples dictionary com - Jan 30 2022

web ideal gas law definition see examples of ideal gas law used in a sentence

ideal gas law worksheet answers chemistry if8766 - Dec 09 2022

web jun 12 2023 web web web worksheets are ideal gas law answer key and work answer key combined gas law chemistry if8766 combined gas law chemistry if8766

5 4 mitosis biology libretexts - Jan 09 2023

web to see mitosis occurring in a plant the best place to look are the growing tips as most plants experience apical growth growth from the tips obtain a prepared slide of an onion root tip allium cepa cells toward the apex pointed end are likely to have been caught in a stage of active division

normal mitosis phases in root tips meristems of allium cepa l root tip - Dec 08 2022

cell cycle and mitosis laboratory notes for bio 1003 - Mar 11 2023

web oct 3 2010 allium root tip examine the square cells just inside the root cap this is the root meristem embryonic tissue where mitosis is occurring farther up the root is the elongation zone where cells are long rectangles these cells are not undergoing mitosis i

mitosis in onion root tips histology guide - May 01 2022

web mitosis iron hematoxylin an onion root tip is a rapidly growing part of an onion and thus many cells will be in different stages of mitosis an onion cell possesses 8 chromosomes whereas human cells possess 46 chromosomes examine the following cells in different stages of mitosis observe the cell at the center of each view

microscopy california state university northridge - May 13 2023

web find and make observations of cells in each phase of mitosis in plant and animal tissue compare the differences between plant and animal mitosis be able to correctly identify the phases from both plant and animal tissue materials prepared slide labeled allium root mitosis prepared slide labeled whitefish blastula mitosis compound

stages of mitosis from root tip squash in allium pdf scribd - Jul 03 2022

web original title stages of mitosis from root tip squash in allium uploaded by patricia brooks copyright all rights reserved flag for inappropriate content share of 15 stages of mitosis from root tip squash in allium f lab number 7 observe slides and identify the stages of mitosis in root tip squash of allium as seen under light microscope

13 2 mitosis the science of plants open textbook library - Apr 12 2023

web the micrographs below are onion allium cepa root tip cells onion has 2n 16 chromosomes each of the cells has two sets of chromosomes where each set is made up of eight chromosomes the micrographs are real examples of the illustrations above stages of mitosis in onion root tip melissa ha cc by nc sa 2 0 interphase

composite of all stages of mitosis in onion root tip labeled - Sep 05 2022

web composite of all stages of mitosis in onion roo image composite of all stages of mitosis in onion root tip labeled photographer clayton michael w summary photomicrograph download download keyboard arrow down file medium 1024x768 small root allium from the collection

mitosis in onion root tip allium cepa biocyclopedia - Aug 04 2022

web mitosis is also called somatic cell division or equatorial division the process of cell division whereby chromosomes are duplicated and distributed equally to the daughter cells is called mitosis it helps to maintain the constant chromosome number in all cells of the body

root movement phenomenal image student handout hhmi - Dec 28 2021

web cell division and root elongation such processes enable a root to grow down into the soil to generate this image arabidopsis thaliana plants were genetically labeled with a plasma membrane marker in green and a nuclear marker in

purple the root tips were imaged using time lapse microscopy in a confocal microscope with a vertical allium onion root tip mitosis slide home science tools - Mar 31 2022

web sku ms allroot this onion root tip slide shows a monocot root tip with all stages of mitosis visible telophase the final phase of cell division will appear as two nuclei are formed and have little or no cell wall between

1 9 mitosis and meiosis biology libretexts - Aug 16 2023

web jul 11 2023 obtain a slide of allium root tip for observation of the stages of mitosis in a plant cell examine the slide under a microscope draw and label all stages of mitosis below

making the most of onion root tip mitosis - Jan 29 2022

web 1 labeled student number of cells stage the individual student comparison of mitotic index and average cell length at various levels in the root tip mitotic index and average cell length expressed as percentage of maximum observed root tip of allium cepa amer j bot 45 365 372 mazia d 1961 mitosis and the phy

mitosis metaphase allium or onion root tip slide preparation - Jun 02 2022

web aug 18 2021 this video of mitosis allium or onion root tip slide preparation supports chapter 11 cell division in anatomy and physiology text and laboratory workbo

investigating mitosis in allium root tip squash - Jun 14 2023

web investigating mitosis in allium root tip squash class practical talking about what chromosomes do during mitosis could be very interesting but seeing them for yourself adds an extra dimension there are several protocols available for this work and it is notoriously unreliable often you will not find many dividing cells at all

onion cell mitosis gwisd us - Feb 10 2023

web microscope prepared slides of onion allium root tips procedure obtain a prepared slide of an onion root tip there will be three root tips on a slide hold the slide up to the light to see the pointed ends of the root sections this is

chromosomal and nuclear alterations in root tip cells of allium - Feb 27 2022

web dec 28 2013 the root meristem contains a high proportion of cells in mitosis 1 3 plant systems had a major part in early investigations of the genetic changes caused by mutagenic chemicals and radiation one of the most suitable plants for detecting different types of xenobiotics is allium cepa l

onion root mitosis microscopy uk - Jul 15 2023

web onion root mitosis allium root tip by joseph c rossi it is common to see photomicrographs of onion root cells when demonstrating how cell division takes place in plants onions have larger chromosomes than most plants and stain dark the chromosomes are easily observed through a compound light microscope

mitosis in an onion root the biology corner - Oct 06 2022

web procedure you will be given a slide of allium which is an onion root tip growth occurs when cells divide so the root tips should have several cells in the process of cell division view the root tip under the microscope and search for organized blocks of cells where nuclei are plainly visible

allium root tips mitosis prepared microscope slide hbarsci - Nov 07 2022

web prepared slide with allium root tips longitudinal section showing cells in all stages of mitosis with dna stained to clearly show chromosomes useful for exploring structure function connections as per ngss standards expertly prepared and labeled for easy identification available in single slide 10 pack and 25 pa