

QUESTION 2

A gas with a mass of 1,32 kg at 20 °C is compressed from 105 kPa to 1 500 kPa according to the law $PV^\gamma = \text{constant}$. The specific heat capacity at constant pressure is 1,005 kJ/kg.K and the characteristic gas constant is 0,285 kJ/kg.K.

Calculate:

- 2.1 Gamma
- 2.2 The initial volume
- 2.3 The final volume
- 2.4 The final temperature
- 2.5 Change in internal energy in kJ
- 2.6 Work done

POWER MACHINES N5

Thermodynamics of Gases

NOVEMBER 2022

Power Machines Questions N5 2013 April

Cynthia Williams Resor



Power Machines Questions N5 2013 April:

Investigating Family, Food, and Housing Themes in Social Studies Cynthia Williams Resor, 2017-10-08 *Investigating Family Food and Housing Themes in Social Studies* asks students to critically examine their own culture by contrasting it with the daily lives of average people in the past What people ate where people lived and the functions of families are examined and contrasted to subjective cultural ideals prescribing what families food and housing ought to have been The relationship between housing food and family and social class status and gender are emphasized Each chapter includes essential questions to focus student inquiry historical overviews focused on changes in family food and housing from the pre industrial era through its transformation during the Industrial Revolution and into the twentieth century learning activities and primary source documents and images This unique approach to teaching history and social studies supports thematic instruction culturally responsive teaching place based education and literacy in the elementary middle or secondary classrooms

N5 Power Machines ,2019 **Power Machines** W H. Spies,1987 **N5 Power Machines** Vernon Alwin Arnold Haagner,2014 **N5 Power Machines** ,2014 *Power Machines* D. J. De Bruin,Japie Jacobus Möller,1988

Power Machines Willem Hendrik Spies,1989 Power Machines Ernest Lodewyk Kleynhans,1985 *N5 Power Machines* ,2019

Uncover the mysteries within Explore with is enigmatic creation, **Power Machines Questions N5 2013 April** . This downloadable ebook, shrouded in suspense, is available in a PDF format (Download in PDF: *). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

https://hersolutiongelbuy.com/results/uploaded-files/Download_PDFS/Suzuki%20Sfv650%20Gladius%20Full%20Service%20Repair%20Manual%202009%202011.pdf

Table of Contents Power Machines Questions N5 2013 April

1. Understanding the eBook Power Machines Questions N5 2013 April
 - The Rise of Digital Reading Power Machines Questions N5 2013 April
 - Advantages of eBooks Over Traditional Books
2. Identifying Power Machines Questions N5 2013 April
 - 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 Power Machines Questions N5 2013 April
 - User-Friendly Interface
4. Exploring eBook Recommendations from Power Machines Questions N5 2013 April
 - Personalized Recommendations
 - Power Machines Questions N5 2013 April User Reviews and Ratings
 - Power Machines Questions N5 2013 April and Bestseller Lists
5. Accessing Power Machines Questions N5 2013 April Free and Paid eBooks
 - Power Machines Questions N5 2013 April Public Domain eBooks
 - Power Machines Questions N5 2013 April eBook Subscription Services
 - Power Machines Questions N5 2013 April Budget-Friendly Options

6. Navigating Power Machines Questions N5 2013 April eBook Formats
 - ePub, PDF, MOBI, and More
 - Power Machines Questions N5 2013 April Compatibility with Devices
 - Power Machines Questions N5 2013 April Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Power Machines Questions N5 2013 April
 - Highlighting and Note-Taking Power Machines Questions N5 2013 April
 - Interactive Elements Power Machines Questions N5 2013 April
8. Staying Engaged with Power Machines Questions N5 2013 April
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Power Machines Questions N5 2013 April
9. Balancing eBooks and Physical Books Power Machines Questions N5 2013 April
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Power Machines Questions N5 2013 April
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Power Machines Questions N5 2013 April
 - Setting Reading Goals Power Machines Questions N5 2013 April
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Power Machines Questions N5 2013 April
 - Fact-Checking eBook Content of Power Machines Questions N5 2013 April
 - 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

Power Machines Questions N5 2013 April Introduction

In the digital age, access to information has become easier than ever before. The ability to download Power Machines Questions N5 2013 April 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 Power Machines Questions N5 2013 April has opened up a world of possibilities. Downloading Power Machines Questions N5 2013 April 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 Power Machines Questions N5 2013 April 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 Power Machines Questions N5 2013 April. 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 Power Machines Questions N5 2013 April. 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 Power Machines Questions N5 2013 April, 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 Power Machines Questions N5 2013 April 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 Power Machines Questions N5 2013 April Books

1. Where can I buy Power Machines Questions N5 2013 April books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Power Machines Questions N5 2013 April book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Power Machines Questions N5 2013 April books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Power Machines Questions N5 2013 April audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.

10. Can I read Power Machines Questions N5 2013 April books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Power Machines Questions N5 2013 April :

suzuki sfv650 gladius full service repair manual 2009 2011

suzuki vitara 1994 service manual

suzuki shogun 125 service manual

suzuki m50 maintenance manual

suzuki sv650 engine manual

suzuki outboard df70a repair manual

suzuki sv650 manual

suzuki savage 652 service manual

suzuki quadrunner carburetor adjustment

suzuki swift service repair manual 2004 2007

suzuki mechanics manual esteem 2015

suzuki ts 125 specs

~~suzuki ltz400 lt z400 quad sport service repair workshop manual 2003 2006~~

suzuki sidekick owners manual

suzuki rf600r service repair workshop manual 93 97

Power Machines Questions N5 2013 April :

yamaha wr450f user manual english 786 pages - Feb 01 2022

yamaha wr450f service repair manuals on motor era - Mar 14 2023

web view the manual for the yamaha wr450f 2006 here for free this manual comes under the category motorcycles and has been rated by 10 people with an average of a 8.3 this

yamaha wr450f w owner s service manual - Sep 20 2023

web view and download yamaha wr450f w owner s service manual online wr series wr450f w motorcycle pdf manual

download also for wr450f 2007 wr450fw 2007

2015 yamaha wr 450f owner s and service manuals online - May 04 2022

web yamaha wr450f owner s service manual 340 pages engine carburetor electrical components and wiring diagram manual is suitable for 1 more product wr450f r

user manual yamaha wr450f 2006 english 794 pages - Nov 10 2022

web view the manual for the yamaha wr450f 2017 here for free this manual comes under the category motorcycles and has been rated by 2 people with an average of a 9 3 this

yamaha wr450f offroad 2020 workshop - Apr 15 2023

web view and download yamaha wr450fr owner s service manual online wr450fr motorcycle pdf manual download also for wr450f

2003 yamaha wr450f r service repair manual issuu - Aug 07 2022

web wartungshandbuch manual de servicio del propietario 2008 page 1 224 manual view the manual for the yamaha wr450f 2008 here for free this

user manual yamaha wr450f 2017 english 426 pages - Jul 06 2022

web 9 3 1 give review pdf manual 100 pages english adslot manual yamaha wr450f 2015 q read this manual carefully before operating this vehicle wr450f 1dx

wr450f yamaha motor - Feb 13 2023

web yamaha motorcycles yamaha wr450f 2004 manual 9 1 7 give review pdf manual 758 pages english manual yamaha wr450f 2004 5tj 28199 42 wr450f t

user manual yamaha wr450f 2015 english 100 pages - Mar 02 2022

user manual yamaha wr450f 2016 english 426 pages - Sep 08 2022

web yamaha wr 450f 2015 owner s manuals and service manuals for online browsing and download view yamaha wr 450f manuals online for free carmanualsonline info is

yamaha wr450fb 2012 owner s service - Jun 17 2023

web as the owner of the wr450f you are benefiting from yamaha s vast experience and newest technology regarding the design and manufacture of high quality products which have

yamaha wr450f s owner s service manual - Jul 18 2023

web view and download yamaha wr450fb 2012 owner s service manual online wr450fb 2012 motorcycle pdf manual download

[user manual yamaha wr450f english 786 pages](#) - Jan 12 2023

web yamaha motorcycles yamaha wr450f 2016 manual 6 9 2 give review pdf manual 426 pages english adslot manual

yamaha wr450f 2016 owner s service

[wr450f yamaha motor](#) - Aug 19 2023

web owner s manual wr450f 1dx 28199 e0 u1dx0 hyoshi indd 1 2011 10 12 17 35 27 q read this manual carefully before operating this vehicle this manual should stay with

[user manual yamaha wr450f 2004 english 758 pages](#) - Oct 09 2022

web jan 16 2017 2016 yamaha wr450f owner s manual posted on 16 jan 2017 model 2016 yamaha wr450f pages 426 file size 11 mb download from yamaha

user manual yamaha wr450f 2008 english 224 pages - Apr 03 2022

[wr450f free pdf manuals download manualslib](#) - Dec 31 2021

yamaha wr450f v owner s service manual - May 16 2023

web wartungs handbuch manual de servicio del propietario page 1 786 manual view the manual for the yamaha wr450f here for free this manual comes

[yamaha wr450fr owner s service manual pdf](#) - Dec 11 2022

web nov 22 2021 2003 yamaha wr450f r service repair manual published on nov 22 2021 f78se98did follow this publisher more from f78se98did 2006 suzuki gsx r1000

[2016 yamaha wr450f owner s manual 426 pages pdf](#) - Jun 05 2022

web manual yamaha wr450f view the yamaha wr450f manual for free or ask your question to other yamaha wr450f owners

technical manual john deere 570 hay forage round balers - Jul 04 2023

web technical manual john deere 570 hay forage round balers tm3265 get accurate reliable information on john deere 570 hay forage round balers with technical manual john deere 570 hay forage round balers all inclusive tm3265 it includes technical illustrations technical diagrams

[john deere 570 580 and 590 round balers from serial no](#) - Aug 05 2023

web jun 3 2023 download operator s manual for john deere 570 580 and 590 round balers from serial no 315565 part no omcc45009 issue a8 european edition printed in germany this manual contains

[x570 owner information parts service john deere ca](#) - Apr 20 2022

web operator s manual parts diagram safety and how to attachments buy maintenance parts click on deck size below to view

maintenance reminder sheet x570 48 in accel deep mower deck x570 54 in accel deep mower deck understand your warranty terms you ve got your john deere equipment now it s time to keep it running for the

john deere 540 545 550 570 590 balers technical manual - Jun 03 2023

web this technical manual is the only complete guide to cover the john deere 540 545 550 570 580 and 590 round balers it provides detailed specifications repair instructions and maintenance routines for the entire range with this pdf file be rest assured for comprehensive service and support

john deere 570 baler round parts manual pdf download - May 22 2022

web this john deere 570 baler round parts manual pdf download is a must have for any machine operator or maintenance personnel it contains detailed illustrations parts name and number and instructions for assembly and disassembly it is compatible with all windows and mac operating systems and can be printed for unlimited copies

preview only john deere - Sep 25 2022

web and 535 round balers technical manual 335 375 385 435 and 535 round balers tm1472 06nov95 english john deere ottumwa works tm1472 06nov95 litho in u s a english dc g preview only tm1472 06nov95 preview only

570 a repair manual store - Jul 24 2022

web complete technical parts manual for john deere 570 580 590 round balers europe edition with all the oem parts information to maintain service and repair like professional mechanics read more about john deere 570 580 590 round balers europe edition parts catalog pc3206

john deere 570 580 and 590 round balers operator s manual - Apr 01 2023

web download operator s manual for john deere 570 580 and 590 round balers part no omcc41367 issue j4 european edition printed in germany this manual contains information concerning the adjustment and maintenance of the john deere 570 580 and 590 round balers

john deere 570 round balers service and repair manual - Aug 25 2022

web john deere 570 round balers service and repair manual 39 99 john deere manuals for your machinery will help you with maintenance and service on daily basis add to cart

john deere 570 580 590 round balers europe edition parts catalog - Nov 27 2022

web model 570 580 590 price us 38 00 complete technical parts manual for john deere 570 580 590 round balers europe edition with all the oem parts information to maintain service and repair like professional mechanics product details total pages 507 pages

john deere x570 lawn tractor maintenance guide parts list - Feb 16 2022

web john deere x570 lawn tractor maintenance guide identifies service schedule parts maintenance intervals common john

deere parts for this x570 tractor

john deere 570 specifications technical data 1995 2001 - Feb 28 2023

web john deere 570 specifications technical data 1995 2001 rate this machine now demand for power take off min 33kw bale Ø from to 0 6 1 3m bale width from to 1 17m pick up width 1 41m standard tyres weight t technical specs

john deere round baler 570 580 590 operators manual - Mar 20 2022

web home tractor manuals john deere tractor machinery manuals john deere hay forage equipment manuals balers john deere round baler 570 580 590 operators manual after s n 315565 original

john deere 540 545 550 570 580 590 hay forage round baler - Dec 29 2022

web illustrated factory diagnostic and repair technical manual for john deere hay and forage round balers models 540 545 550 570 580 and 590 this manual contains high quality images circuit diagrams instructions to help you to maintenance trouleshooting diagnostic and repair your truck

tm3265 john deere 540 545 550 570 580 590 hay forage round - Oct 07 2023

web illustrated factory diagnostic and repair technical manual for john deere hay and forage round balers models 540 545 550 570 580 and 590 this manual contains high quality images circuit diagrams instructions to help you to maintenance trouleshooting diagnostic and repair your truck

john deere 570 580 and 590 round balers omcc50090 service manual - Jun 22 2022

web this john deere 570 580 and 590 round balers omcc50090 operators and maintenance manual pdf download provides all the details necessary about operating and maintenance procedure it includes unlimited printable copies and is compatible with all windows and mac versions

john deere round baler 570 580 590 parts manual original manual - Sep 06 2023

web home tractor manuals john deere tractor machinery manuals john deere hay forage equipment manuals balers john deere round baler 570 580 590 parts manual original manual

john deere 570 580 590 round balers service repair manual - Jan 30 2023

web 570 580 590 contents electrical system connectors sensors and switches actuators bale master control monitor manual twine control switch bale monitor sound alarm power train bondioli power line walterscheid power line watershed cv joint baler main drive shaft john deere slip clutch shear bolt clutch watershed slip clutch

john deere 570 580 and 590 round balers 315565 - May 02 2023

web this john deere 570 580 and 590 round balers 315565 omcc45009 operators and maintenance manual pdf download provides all the details necessary about operating and maintenance procedures this manual is compatible with all windows and mac versions and can be printed for unlimited copies

[manuals and training parts service john deere us](#) - Oct 27 2022

web manuals training ag turf engine operator manuals publications download view and purchase operator and technical manuals and parts catalogs for your john deere equipment download and purchase manuals and publications online find a parts catalog view operator manual engine maintenance information

free plant cell worksheets with answer key the simple - Apr 30 2022

web below you will find multiple free plant cell worksheets that include blank plant cell diagrams word bank descriptions of the cell organelles and an answer key they can easily be used for the high school biology student or adapted as an

organelle key questions and answers flashcards quizlet - Jul 14 2023

web study with quizlet and memorize flashcards containing terms like what do you call the small structures found inside of cells what is another name for the cell membrane what structure surrounds the cell and divides the chemical reactions that happen inside from the outside environment and more

cell parts and functions article khan academy - May 12 2023

web the cell membrane surrounds a cell s cytoplasm which is a jelly like substance containing the cell s parts cells contain parts called organelles each organelle carries out a specific function in the cell a cell s organelles work alone and together to

[concepts of biology chapter 3 cell structure and function](#) - Sep 04 2022

web plasma membrane functions it is a boundary of the cell with many functions selective permeability allow some substances in and out the cell immunity distinguish between self and non self blood transfusion organ transplant viral bacterial infection

answer key 2020 cell organelles worksheet ch2 2 ms - Nov 06 2022

web cell organelles worksheet use the table above to fill in the chart complete the following table by writing the name of the cell part or organelle in the right hand column that matches the structure function in the left hand column a cell part may be used more than once structure function

[cell organelles worksheets easy teacher worksheets](#) - Apr 11 2023

web questions the main parts the endoplasmic reticulum is a core organelle that plays a role in producing processing and transporting proteins and lipids specialized organelles chloroplasts contain a green pigment called chlorophyll in the first step of photosynthesis the chloroplasts capture sunlight when molecules of chlorophyll absorb energy

[cell structure and function biology libretexts](#) - Feb 09 2023

web 1 plasma membrane a selective barrier which encloses a cell plant and bacteria cells also contain a cell wall 2 cytosol located inside the plasma membrane this is a jelly like fluid that supports organelles and other cellular components 3 cytoplasm the cytosol and all the organelles other than the nucleus 4

cell city worksheet answer key johns hopkins university - Mar 10 2023

web answer key cell city introduction floating around in the cytoplasm are small structures called organelles like the organs in your own body each one carries out a specific function necessary for the cell to survive imagine the cells as a miniature city

cell organelles worksheet key pdf cell biology scribd - Aug 03 2022

web cell organelles worksheet complete the following table by writing the name of the cell part or organelle in the right hand column that matches the structure function in the left hand column a cell part may be used more than once structure function 1 stores material within the cell 2

the functions of cell organelles cell structure bbc - Jan 08 2023

web reveal answer cell structure description function cell type cell wall freely permeable layer surrounding cell membrane the cell wall of plant cells is made from cellulose this gives them a

mrs smith cell organelles and their functions worksheet eca - Oct 05 2022

web evaluate each of the following mathematical expressions and express the answer to the correct number of significant digits b cell organelles and their functions 19 terms i like pizza cell cycle test review 22 terms images kate christoff science cell organelles 14 terms zootopian2 1 7 about us about quizlet

cellular organelles and structure article khan academy - Dec 07 2022

web what s found inside a cell an organelle think of it as a cell s internal organ is a membrane bound structure found within a cell just like cells have membranes to hold everything in these mini organs are also bound in a double layer of phospholipids to insulate their little compartments within the larger cells

cell organelles types structure and their functions byju s - Jul 02 2022

web a brief summary on cell organelles a cell is the basic structural and functional unit of a living organism according to cell theory postulates a cell is the basic building block of life which makes anything alive and is self sufficient to carry out all the fundamental functions of an organism explore more about cells what are cell organelles

cells organelles name directions match the function cards - Aug 15 2023

web cells organelles answer key directions match the function cards and memory items by gluing them into the correct locations in the chart below organelle function description how can i remember it cell membrane controls what comes into and out of a cell found in plant and animal cells cell wall ridged outer layer of a plant cell

cell organelles and their functions 88 plays quizizz - Dec 27 2021

web the plant cell has a cell wall instead of a cell membrane the plant cell has chloroplasts while the animal cell does not the plant cell is rigid because of the cell wall 8 multiple choice which is the cell organelle is the storage center for food water and

waste none out of them all 9 multiple choice

structure of a cell quiz 1 khan academy - Jun 13 2023

web learn for free about math art computer programming economics physics chemistry biology medicine finance history and more khan academy is a nonprofit with the mission of providing a free world class education for anyone anywhere

cell organelles and their functions name date loreescience - Jun 01 2022

web below is a list of the organelles found in plant and animal cells match the organelle with the function it carries out inside a cell many of the cell organelles will be used more than once 1 cell membrane 8 cytoplasm 15 nucleolus 2

cells and their organelles packet answers - Mar 30 2022

web the cell is the basic unit of life the following is a glossary of animal cell terms all cells are surrounded by a cell membrane the cell membrane is semipermeable allowing some substances to pass into the cell and blocking others it is composed of a double layer of phospholipids and embedded proteins color and abe the cell

cellular organelles and their functions kenhub - Jan 28 2022

web sep 8 2023 organelles are small structures within the cytoplasm that carry out functions necessary to maintain homeostasis in the cell they are involved in many processes for example energy production building proteins and secretions destroying toxins and responding to external signals

cell organelles worksheet pearland high school - Feb 26 2022

web 4 transports materials within the cell vesicles 5 the region inside the cell except for the nucleus cytoplasm 6 organelle that manages or controls all the cell functions in a eukaryotic cell nucleus 7 contains chlorophyll a green pigment that traps energy from sunlight and gives plants their green color chloroplast 8 digests excess or