



GRADE 11 PHYSICAL SCIENCES

NOVEMBER EXAMINATION PAPER 1: PHYSICS

SECTION A

QUESTION 1

Various options are provided as possible answers to the following questions. Choose the correct answer and write **ONLY** the **LETTER (A-D)** next to the **QUESTION NUMBER** in your answer book.

- 1.1 An example of a vector quantity:
- velocity
 - displacement
 - speed
 - mass
- 1.2 A boy sits on a chair. Gravitational force pulls him down, the force that keeps him from moving down would be:
- friction
 - applied force
 - gravity
 - normal force
- 1.3 Two forces F_1 and F_2 have a net force of 100N if they act in the same direction and are balanced if they act in the opposite direction. The individual forces of F_1 and F_2 will be:
- 70N and 30N
 - 100N and 0N
 - 60N and 40N
 - 80N and 20N

Use the circuit diagram below to answer QUESTIONS 1.4 and 1.5



- 1.4 The voltage over the parallel resistors will be:
- 5V
 - 7V
 - 20
 - 30
- 1.5 The total resistance of the circuit if all resistors were identical with a resistance of 20:
- 10Ω
 - 4/3Ω
 - 30
 - 60
- 1.6 A box is pushed forward with a force of 200N but does not move. A possible reason for this is that:
- frictional force is also 200N
 - frictional force is more than 200N
 - frictional force is less than 200N
 - none of the above
- 1.7 The diagram below shows a coil and a magnet with a pole **P**. A magnetic field is induced in the coil due to the motion of the magnet.



Which **ONE** of the following combinations will result in an induced magnetic field with **NORTH POLE** at point **B**?

	DIRECTION OF MOTION OF MAGNET	POLARITY OF P
A	into the coil	North
B	up and down inside the coil	North
C	into the coil	South
D	up and down inside the coil	South

Grade 11 Physical Sciece Paper 1 Grade11 2014

BM King



Grade 11 Physical Sciece Paper 1 Grade11 2014:

Recognizing the habit ways to acquire this book **Grade 11 Physical Sciece Paper 1 Grade11 2014** is additionally useful. You have remained in right site to start getting this info. acquire the Grade 11 Physical Sciece Paper 1 Grade11 2014 partner that we allow here and check out the link.

You could buy guide Grade 11 Physical Sciece Paper 1 Grade11 2014 or acquire it as soon as feasible. You could quickly download this Grade 11 Physical Sciece Paper 1 Grade11 2014 after getting deal. So, in the manner of you require the ebook swiftly, you can straight get it. Its for that reason unconditionally easy and as a result fats, isnt it? You have to favor to in this express

https://staging.conocer.cide.edu/public/publication/default.aspx/heraldry_and_genealogy.pdf

Table of Contents Grade 11 Physical Sciece Paper 1 Grade11 2014

1. Understanding the eBook Grade 11 Physical Sciece Paper 1 Grade11 2014
 - The Rise of Digital Reading Grade 11 Physical Sciece Paper 1 Grade11 2014
 - Advantages of eBooks Over Traditional Books
2. Identifying Grade 11 Physical Sciece Paper 1 Grade11 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 Grade 11 Physical Sciece Paper 1 Grade11 2014
 - User-Friendly Interface
4. Exploring eBook Recommendations from Grade 11 Physical Sciece Paper 1 Grade11 2014
 - Personalized Recommendations
 - Grade 11 Physical Sciece Paper 1 Grade11 2014 User Reviews and Ratings
 - Grade 11 Physical Sciece Paper 1 Grade11 2014 and Bestseller Lists

5. Accessing Grade 11 Physical Science Paper 1 Grade11 2014 Free and Paid eBooks
 - Grade 11 Physical Science Paper 1 Grade11 2014 Public Domain eBooks
 - Grade 11 Physical Science Paper 1 Grade11 2014 eBook Subscription Services
 - Grade 11 Physical Science Paper 1 Grade11 2014 Budget-Friendly Options
6. Navigating Grade 11 Physical Science Paper 1 Grade11 2014 eBook Formats
 - ePub, PDF, MOBI, and More
 - Grade 11 Physical Science Paper 1 Grade11 2014 Compatibility with Devices
 - Grade 11 Physical Science Paper 1 Grade11 2014 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Grade 11 Physical Science Paper 1 Grade11 2014
 - Highlighting and Note-Taking Grade 11 Physical Science Paper 1 Grade11 2014
 - Interactive Elements Grade 11 Physical Science Paper 1 Grade11 2014
8. Staying Engaged with Grade 11 Physical Science Paper 1 Grade11 2014
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Grade 11 Physical Science Paper 1 Grade11 2014
9. Balancing eBooks and Physical Books Grade 11 Physical Science Paper 1 Grade11 2014
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Grade 11 Physical Science Paper 1 Grade11 2014
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Grade 11 Physical Science Paper 1 Grade11 2014
 - Setting Reading Goals Grade 11 Physical Science Paper 1 Grade11 2014
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Grade 11 Physical Science Paper 1 Grade11 2014
 - Fact-Checking eBook Content of Grade 11 Physical Science Paper 1 Grade11 2014
 - 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

Grade 11 Physical Science Paper 1 Grade11 2014 Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's 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 Grade 11 Physical Science Paper 1 Grade11 2014 PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use 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 Grade 11 Physical Science Paper 1 Grade11 2014 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 Grade 11 Physical Science Paper 1 Grade11 2014 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 Grade 11 Physical Science Paper 1 Grade11 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. Grade 11 Physical Science Paper 1 Grade11 2014 is one of the best book in our library for free trial. We provide copy of Grade 11 Physical Science Paper 1 Grade11 2014 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Grade 11 Physical Science Paper 1 Grade11 2014. Where to download Grade 11 Physical Science Paper 1 Grade11 2014 online for free? Are you looking for Grade 11 Physical Science Paper 1 Grade11 2014 PDF? This is definitely going to save you time and cash in something you should think about.

Find Grade 11 Physical Science Paper 1 Grade11 2014 :

heraldry and genealogy

her leaf shall be green

~~hematology for medical technologists 5th ed.~~

hendricks the hunter

henry m. porter rocky mountain empire builder

henry james the early novels the late novels

henry clay

henry fucilli 1741 1825

herb oct

hemorrhage in my head

helping ourselves a handbook for women starting groups

henry codman potter seventh bishop of new york

henry black

help your self today's obsession with satan's oldest lie

henleys formulas for home and workshop recipes and processes

Grade 11 Physical Science Paper 1 Grade11 2014 :

maths ia 300 maths exploration topics ib maths - Aug 14 2023

web scroll down this page to find over 300 examples of maths ia exploration topics and ideas for ib mathematics students doing their internal assessment ia coursework topics include algebra and number proof geometry calculus statistics and probability

ib guides research tips also tools ib math exploration - May 31 2022

web have a look in sample math probes provided by include the ib organization has provided a number of exemplary explorations along with their assessments and

ib exploration guides getting a 7 on ib maths coursework - Nov 24 2021

web ib maths exploration guides below you can download some comprehensive exploration guides that i've written to help students get excellent marks on their ib maths

maths in the dp international baccalaureate - Feb 25 2022

web sep 12 2023 last updated 06 june 2023 from august 2019 the following courses with first assessment in may 2021 are available mathematics analysis and approaches sl

international baccalaureate diploma programme subject brief - Dec 26 2021

web mathematics analysis and approaches and mathematics applications and interpretation each course is designed to meet the needs of a particular group of students both

dp maths analysis approaches toolkit subscription - Jan 27 2022

web sep 9 2023 time has been allocated within the teaching hours for engaging students in activities that promote the development of a range of mathematical skills and abilities

internal assessments us ib math applications and - Apr 29 2022

web apr 28 2021 the final mark for each exploration is the sum of the scores for each criterion the maximum possible final mark is 20 students will not receive a grade for

ib maths ia examples clarify - Jun 12 2023

web high scoring ib maths internal assessment examples see what past students did and make your maths ia perfect by learning from examiner commented examples

ib guidance on maths explorations - Mar 09 2023

web it is essential that you read the sl and hl guidance from the ib prior to starting your ia maths exploration this linked site gives the full list of assessment criteria you will be

ib math ia ultimate guide for 2023 nail ib nail ib - Sep 03 2022

web mar 22 2023 from researching several ib math ia examples to planning the mathematical working of your exploration your ib math ia structure will get you into

mathematics exploration pan american school of bahia ib - Jul 01 2022

web go to this website to find examples of the math exploration click on a specific paper and you will find three options 1 the paper 2 the paper with teacher annotations and 3 the

maths studies and applications ia exploration topics - Dec 06 2022

web apr 3 2019 make sure you read the maths studies guidance from the ib prior to starting your ia maths exploration this linked site gives the full list of assessment criteria you

dp maths analysis approaches sample explorations - Jul 13 2023

web sep 14 2023 sample explorations included on this page are five samples of student explorations two sl students and three hl students that are not part of the 29

applications sl ia exploration topics ib maths resources from - Sep 22 2021

web scroll down this page to find over lots of maths ia exploration topics and ideas for ib applications sl mathematics students doing their internal assessment ia coursework

ib exploration guides getting a 7 on ib maths - May 11 2023

web jun 3 2020 ib maths exploration guides below you can download some comprehensive exploration guides that i ve written to help students get excellent marks on their ib

dp maths analysis approaches exploration ia ideas - Nov 05 2022

web sep 9 2023 there are two simple but effective activities that i think students should do during the intro prep stage 1 read short articles that are examples of good writing

exploration topics ib maths resources from intermathematics - Oct 24 2021

web sep 3 2013 scroll down this page to find over 300 examples of maths ia exploration topics and ideas for ib mathematics students doing their internal assessment ia

ib mathematics internal assessment the exploration - Aug 02 2022

web what is internal assessment in ib mathematics higher level internal assessment ia in maths hl consists of a single internally assessed component i e marked by the

libguides research tips and tools ib math exploration - Oct 04 2022

web may 28 2022 have a look at sample math explorations provided by ib the ib organization has provided a number of example explorations along with their

math exploration ia lincoln maths google sites - Mar 29 2022

web peer editing questions chi square test how to achieve a good score in my ia rubric with suggestions example 1 minesweeper minesweeper rubric 5 20 example 2

50 ib maths ia topic ideas lantern blog - Jan 07 2023

web dec 17 2019 1 10 pascal s triangle discovering patterns within this famous array of numbers pythagorean triples can you find patterns in what numbers form a pythagorean

maths exploration ia ideas ibdp math hl sl - Feb 08 2023

web mar 19 2021 one such example is the graph of $y = x^2$ ac dc analyse the alternating current curve i e sine wave and direct current i e $\sin x$ and compare the

ib maths resources from intermathematics 300 ib - Apr 10 2023

web oct 20 2014 ib maths resources on this site you will find ib maths and igcse maths resources for ib maths explorations and investigations i ve tried to build connections

textbook answers gradesaver - Sep 03 2023

web home textbook answers find textbook answers and solutions browse mcgraw hill science engineering math isbn 978 0 07340 106 5 numerical methods for engineers

mcgraw hill science grade 6 answer key pdf answers for 2023 - Aug 22 2022

web may 14 2013 mcgraw hill science grade 6 chapter 6 lessons 1 3 quizlet study with quizlet and memorize flashcards containing terms like heat kinetic energy potential

student workbooks mcgraw hill education - Apr 29 2023

web mathematics home student workbooks math connects concepts skills and problem solving course 2 student workbooks noteables interactive study notebook 5278 0k

mcgraw hill science grade 6 science practice workbook - Jan 27 2023

web jan 1 1999 mcgraw hill science grade 6 science practice workbook answer key paperback january 1 1999 by mcgraw hill author see all formats and editions

mcgraw hill education solutions and answers mathleaks - May 19 2022

web find solutions to pre algebra algebra 1 geometry and algebra 2 textbook exercises in mcgraw hill education publications our expert solutions are always presented with step

mcgrawhill 6th grade science workbook answers docplayer - Oct 04 2023

web 1 mcgrawhill 6th grade science free pdf ebook download mcgrawhill 6th grade science download or read online ebook mcgrawhill 6th grade science workbook

mcgraw hill science grade 6 reading in science resources - Jan 15 2022

web jan 1 2002 mcgraw hill science grade 6 reading in science resources unknown binding illustrated january 1 2002 by mcgraw author mcgraw hill reading in

science a closer look grade 6 building skills reading - Nov 24 2022

web product details get the 1e of science a closer look grade 6 building skills reading and writing workbook by mcgraw hill textbook ebook and other options isbn

grade 6 science practice workbook amazon com - Nov 12 2021

web jun 1 2001 grade 6 science practice workbook mcgraw hill science on amazon com free shipping on qualifying offers grade 6 science practice workbook

inspire science mcgraw hill - Dec 26 2022

web mcgraw hill science interactives 6 12 sample programs online request a print sample contact a rep social studies g impact k 5 new social studies 6 12 inspire

mcgraw hill science grade 6 science practice workbook - Aug 02 2023

web mcgraw hill science grade 6 science practice workbook mcgraw hill school division boxid ia40287902 camera usb ptp class camera collection set

science mcgraw hill education - May 31 2023

web table of contents science prek 5 inspire science 6 grade 6 to 8 learnsmart smartbook 10 inspire science 6 8 integrated 12 inspire science life inspire science

mcgraw hill 6 12 science home - Jul 01 2023

web meeting new science standards transition to the new science standards with a curriculum that promotes inquiry and real world problem solving with phenomena and hands on

macmillan mcgraw hill grade 6 answers lesson worksheets - Sep 22 2022

web showing 8 worksheets for macmillan mcgraw hill grade 6 answers worksheets are workbook grade 6 answers

mcgrawhill 6th grade science workbook answers

mcgraw hill grade 6 worksheets k12 workbook - Mar 29 2023

web displaying all worksheets related to mcgraw hill grade 6 worksheets are reading and writing activities in science se

mcgrawhill 6th grade science workbook answers

mcgraw hill science worksheets k12 workbook - Jun 19 2022

web showing 8 worksheets for mcgraw hill science worksheets are glencoe mcgraw hill science work answers ab5 catg rwis fm i vi 284353 glencoe science c

mcgraw hill science grade 6 cross curricular projects - Feb 13 2022

web read reviews from the world s largest community for readers 2000 mcgraw hill science grade 6 cross curricular projects p reading writing math

macmillan 6th grade science worksheets k12 workbook - Mar 17 2022

web 1 mcgrawhill 6th grade science workbook ohio 2 macmillan and mcgraw hill 6th grade science test practice 3 science macmillan 6 primaria 4 ab5 catg rwis

mcgraw hill science worksheet answers scienceworksheets net - Jul 21 2022

web july 10 2022 by tamble mcgraw hill science worksheet answers if you want to help your child learn about science you may need science worksheets answers these

textbook answers gradesaver - Oct 24 2022

web home textbook answers science biology find textbook answers and solutions browse mcgraw hill education isbn 978 0 07352 425 2 biological science 6th edition

mcgraw hill science textbook workbook lab book free grade 1 6 - Apr 17 2022

web may 7 2021 interactive textbook grade 6 reading and writing in science grades 1 6 reading and writing in science grade 1 reading and writing in science grade 2

macmillan mcgraw hill science grade 6 reading in science - Dec 14 2021

web blackline master worksheets including answers for grades 1 6 to develop reading skills in the content area lessons are supported by lesson outlines visual interpretation graphs

mcgraw hill 6 12 science resources - Feb 25 2023

web whether it s sparking student inquiry with phenomena for each chapter providing hands on labs to promote real world student problem solving or ensuring standards alignment for

general surgery examination and board review copy - May 18 2022

web general surgery examination and board re a guidance to pass the board clinical exam operative pediatric surgery current diagnosis treatment in otolaryngology illustrations tables figures radiographs and algorithms taken as a whole this new textbook represents a one stop hands on

general surgery board re questions pdf sgsbenelux - Sep 21 2022

web the book general surgery board re questions a literary masterpiece that delves deep in to the significance of words and their effect on our lives written by a renowned author this captivating work

general surgery oral board questions university of the philippines - Apr 16 2022

web each case is accompanied by 3 to 4 x rays or color illustrations for visual clarity this second edition presents medical students and general surgery board exams this book presents a realistic approach to preparing for the exam and neurosurgeons preparing to take their re certification exams goodman s neurosurgery oral board review

general surgery board review google books - Jul 20 2022

web bibliographic information now in its thoroughly revised updated third edition this study guide is an indispensable aid for surgical residents and general surgeons preparing for the

general surgery examination and board re copy - May 30 2023

web this beautifully illustrated text is truly the ultimate resource to assist in your certification and recertification exam review

surgery review illustrated 1st edition amazon com - Jan 26 2023

web mar 15 2004 the only comprehensive surgery review for surgeons to prepare for both their written and oral board exams perfect for certification and re certification this review includes over 1 400 multiple choice questions and answers on the full spectrum of general surgery topics

general surgery board review illustrated - Oct 23 2022

web 2 general surgery board review illustrated 2023 07 05 chapters and updates throughout reflecting the latest surgical techniques and practices as well as an increased emphasis on ethics to help you prepare for this increasingly important aspect of the boards

general surgery board review illustrated pdf - Apr 28 2023

web general surgery board review illustrated downloaded from 2013 thecontemporaryaustin org by guest cristopher essence physical examination for surgeons mcgraw hill professional clinical scenarios in surgery decision making and operative technique presents 125 cases in all areas of general surgery gi

specialty board review general surgery rob charles free - Feb 24 2023

web an illustration of a computer application window wayback machine an illustration of an open book books an illustration specialty board review general surgery by rob charles publication date 1991 topics surgery examinations questions etc surgical procedures operative surgery humans surgery

sab re examination - Oct 03 2023

web feb 27 2023 re examination or re scoring if appropriate shall be the candidate s sole remedies neither moh abms s abms i abms or any member board shall be liable for inconvenience expense or other damage caused by any problems in the creation administration or scoring of an examination including the need for retesting or delays in

politics latest new extract from boris johnson s witness - Mar 16 2022

web nov 3 2023 boris johnson felt it was his duty to weigh up whether lockdown would do more harm than good the latest extract from his witness statement to the covid inquiry reveals rishi sunak issues a

usmle study tools online test prep usmle rx - Feb 12 2022

web rx bricks the high yielding usmle test prep guide this guide is designed for students to learn the foundations of medicine in an online learning environment this system consists of short interactive lessons called bricks that allow students to review and assess their understanding of need to know medical topics

general surgery examination and board review second edition - Jun 30 2023

web nov 29 2022 175 photos and illustrations 700 questions with detailed answer explanations topics mirror the exam blueprint to maximize the effectiveness of the study process includes chapters on

sab overview moh - Mar 28 2023

web apr 1 2022 the general surgery mcq examination gs examination mcq is a postgraduate examination for exit certification completing the gs examination mcq is one of the requirements for exit certification and for specialist registration as determined by the specialists accreditation board sab the examination is jointly developed by the

general surgery examination and board review second edition - Jun 18 2022

web nov 25 2022 ideal for both written and oral board prep general surgery examination and board review is the perfect way to prepare for your certification exams updated with new questions this second edition reflects the latest clinical advances and

general surgery examination and board review pdf free - Dec 25 2022

web jul 7 2022 general surgery examination and board review is the perfect way to prepare for general surgery certification exams covering the full range of exam topics this high yield review features an effective case based approach that sharpens clinical decision making skills and gives the content real world relevancy

general surgery examination and board re download only - Sep 02 2023

web general surgery examination and board re general surgery examination and board re 2 downloaded from learn copyblogger com on 2022 12 03 by guest reflects the very latest clinical advances so you can incorporate this information into your exam preparation or daily practice review of surgery for absite and boards e

general surgery examination and board re pdf - Aug 01 2023

web within the captivating pages of general surgery examination and board re a literary masterpiece penned with a renowned author readers embark on a transformative journey unlocking the secrets and untapped potential embedded within each word

general surgery board review illustrated poczta builduk org - Nov 23 2022

web principles of surgery tenth edition so you know you re studying only relevant applicable material from the most authoritative 2 general surgery board review illustrated 2019 10 02 reliability of schwartz s principles of surgery

general surgery examination and board review pdf - Aug 21 2022

web general surgery examination and board re mcgraw hill manual endocrine surgery artificial intelligence in surgery understanding the role of ai in surgical practice