



LED TV

Chassis : U78A U78B

UE32EH5300 UE32EH5300W UE37EH5300 UE40EH5300 UE40EH5300W UE46EH5300 UE46EH5300W
UE32ES5700 UE37ES5700 UE40ES5700 UE46ES5700 UE50ES5700 UE50ES5700S UE50ES5705
UE26EH4500 UE26EH4500W UE26EH4510 UE26EH4510WUE22ES5400 UE22ES5400W
UE22ES54100 UE22ES5410WUE32EH5450W UE40EH5450W UE46EH5450WUE50EH5300
UE50EH5300K UE50EH5300WUE32ES5500 UE32ES5500W UE32ES5500K UE32ES5505
UE32ES5800UE32ES5800S UE37ES5500 UE37ES5500K UE37ES5500W
UE40ES5800 UE46ES5800UE40ES5500 UE46ES5500 UE50ES5500UE46ES5505 UE46ES5505K
UE50ES5500W UE50ES5505 UE50ES5505K

SERVICE Manual

LED TV



1. Precautions
 2. Product specifications
 3. Disassembly and Reassembly
 4. Troubleshooting
 5. Wiring Diagram
- +
- Technical Training Course
(PPT)

Samsung Le37a556p1f Tv Service Manual

Tab Books



Samsung Le37a556p1f Tv Service Manual:

Television service manual Robert G. Middleton,1981 **TV Service Manual** ,196? **Television Service Manual**
Robert Gordon Middleton,1977 Television Service Manual Edwin P. Anderson,1969 Sylvania Color Tv Service Manual
S. Prentiss,1975 **Television Service Manual** Robert Gordon Middleton,1986 General Electric Color Tv Service
Manual S. Prentiss,1975 Sylvania Color TV Service Manual S. Prentiss,1973-01-01 **Monochrome Sylvania TV**
Service Manual Homer L. Davidson,1972 **Sylvania Color TV Service Manual Vols. 1** Stan Prentiss,1970 General
Electric Color TV Service Manual Stan Prentiss,1972-07-01 **General Electric Color TV Service Manual** Robert L.
Goodman,1977-01-01 General Electric Monochrome TV Service Manual Harvey F. Swearer,1971 **General Electric**
Color TV Service Manual Robert L. Goodman,1970 Audel's Television Service Manual Robert G. Middleton,1982
Television Field Service Manual ,1971 KWIK-FIX TV Service Manual Forest H. Belt,1972 **General Electric Color**
TV Service Manual Volume Two Stan Prentiss,1972 **Black and White Television Service Manuals** Canadian
Admiral Corporation Limited,1972 **Toshiba Color TV** Tab Books,1975

Getting the books **Samsung Le37a556p1f Tv Service Manual** now is not type of challenging means. You could not and no-one else going afterward book hoard or library or borrowing from your associates to read them. This is an entirely simple means to specifically acquire guide by on-line. This online broadcast Samsung Le37a556p1f Tv Service Manual can be one of the options to accompany you in imitation of having supplementary time.

It will not waste your time. put up with me, the e-book will no question way of being you extra business to read. Just invest tiny time to entrance this on-line publication **Samsung Le37a556p1f Tv Service Manual** as without difficulty as review them wherever you are now.

https://crm.avenza.com/book/book-search/HomePages/principles_of_foundation_engineering_das_7th_edition_solution_manual.pdf

Table of Contents Samsung Le37a556p1f Tv Service Manual

1. Understanding the eBook Samsung Le37a556p1f Tv Service Manual
 - The Rise of Digital Reading Samsung Le37a556p1f Tv Service Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Samsung Le37a556p1f Tv Service Manual
 - 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 Samsung Le37a556p1f Tv Service Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Samsung Le37a556p1f Tv Service Manual
 - Personalized Recommendations
 - Samsung Le37a556p1f Tv Service Manual User Reviews and Ratings

- Samsung Le37a556p1f Tv Service Manual and Bestseller Lists
- 5. Accessing Samsung Le37a556p1f Tv Service Manual Free and Paid eBooks
 - Samsung Le37a556p1f Tv Service Manual Public Domain eBooks
 - Samsung Le37a556p1f Tv Service Manual eBook Subscription Services
 - Samsung Le37a556p1f Tv Service Manual Budget-Friendly Options
- 6. Navigating Samsung Le37a556p1f Tv Service Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Samsung Le37a556p1f Tv Service Manual Compatibility with Devices
 - Samsung Le37a556p1f Tv Service Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Samsung Le37a556p1f Tv Service Manual
 - Highlighting and Note-Taking Samsung Le37a556p1f Tv Service Manual
 - Interactive Elements Samsung Le37a556p1f Tv Service Manual
- 8. Staying Engaged with Samsung Le37a556p1f Tv Service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Samsung Le37a556p1f Tv Service Manual
- 9. Balancing eBooks and Physical Books Samsung Le37a556p1f Tv Service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Samsung Le37a556p1f Tv Service Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Samsung Le37a556p1f Tv Service Manual
 - Setting Reading Goals Samsung Le37a556p1f Tv Service Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Samsung Le37a556p1f Tv Service Manual
 - Fact-Checking eBook Content of Samsung Le37a556p1f Tv Service Manual
 - 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

Samsung Le37a556p1f Tv Service Manual Introduction

In the digital age, access to information has become easier than ever before. The ability to download Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual has opened up a world of possibilities. Downloading Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual. 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 Samsung Le37a556p1f Tv Service Manual. 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 Samsung Le37a556p1f Tv Service Manual, 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual Books

What is a Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual 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 Samsung Le37a556p1f Tv Service Manual :

principles of foundation engineering das 7th edition solution manual

primary threemaths test papers 2012

principles of marketing arab world edition

princesse academy 48 kermesse royale

principles of instrumental analysis skoog solution manual

principles of foundation engineering

~~principles of econometrics 4th edition answer manual~~

pride revo owners manual

priest a love story english edition

princeton tec eos user manual

principles of managerial finance brief 6th edition solutions

principles of economics third edition answers

principles of macroeconomics solutions manual

principles of managerial finance 6th edition skae

principles of corporate finance global edition 2011

Samsung Le37a556p1f Tv Service Manual :

lakhmir singh class 9 physics solutions pdf download 2023 - Apr 04 2022

students can find the lakhmir singh class 9 physics solutions from the selfstudys website steps to download are discussed below visit the selfstudys website bring the arrow towards the books solutions which can be seen in the navigation bar a

download schand class 9 books pdf all subjects 2021 - Sep 09 2022

buy schand class 9 books 2021 22 pdf download 9th class schand publication books for all subejcts with instant activation to read it anywhere

s chand physics for class 9 by lakhmir singh manjit kaur - Dec 12 2022

jan 1 2019 s chand physics for class 9 by lakhmir singh manjit kaur paperback amazon in books books school books cbse buy new 579 00 m r p 649 00 save 70 00 11 inclusive of all taxes 35 delivery 26 28 july details select delivery location in stock sold and fulfilled by anand books agra quantity add to cart buy now secure

s chand science book for class 9 pdf read download - Mar 15 2023

science for class 10 physics by s chand part 1 cbse s chand physics for s chand physics class 9 pdf download free lakhmir singh s chand books s chand biology class 9 downloads at ebookilys org p

pdf s chand physics for class 9 pdfslide net - Oct 10 2022

s chand physics for class 9 pdf free download here mgn mgnue2 com admin images syllabus 34128045 58 pdf reference books core science physics class ix s chand s chand evergreen publishers class 9 pdf author baljeet singh

[foundation course for neet part 1 physics class 9](#) - Nov 11 2022

foundation course for neet part 1 physics class 9 author lakhmir singh manjit kaur publisher s chand publishing isbn 9352839218 9789352839216 subjects

s chand s icse physics book 1 for class ix google play - May 17 2023

download for offline reading highlight bookmark or take notes while you read s chand s icse physics book 1 for class ix s chand s icse physics book 1 for class ix ebook written by pankaj bhatt read this book using google play books app on your pc android ios devices

science for ninth class part 1 physics google books - Apr 16 2023

science for ninth class part 1 physics lakhmir singh manjit kaur s chand publishing science a series of books for classes ix and x according to the cbse syllabus and cce

force and laws of motion s chand explanation class 9 youtube - Aug 08 2022

sep 12 2022 force and laws of motion s chand explanation class 9 numerical ncert cbse class 9 science ch 9 class9physics class9science 2 pi classes schandsolut neet

science for ninth class part 2 chemistry google - Mar 03 2022

science for ninth class part 2 chemistry lakhmir singh s chand publishing science a series of six books for classes ix and x according to the cbse syllabus each class divided into 3 parts part 1 physics

s chand s icse physics book 1 for class ix google - Jan 13 2023

bibliographic information title s chand s icse physics book 1 for class ix author pankaj bhatt publisher s chand publishing isbn 9352838327 9789352838325

s chand class ix physics cbse cd amazon in software - Jun 06 2022

package dimensions 19 2 x 13 6 x 2 cm 120 grams release date 6 april 2015 asin b00vpwwsdo item model number schand 033 manufacturer s chand item weight 120 g best sellers rank 1 098 in software see top 100 in software 2 in physics software customer reviews

lakhmir singh solutions class 9 physics chapter 1 motion byju s - Feb 02 2022

answer distance is a scalar quantity q3 change the speed of 6 m s to km h answer

lakhmir singh and manjit kaur physics class 9 solutions - Jun 18 2023

yes cbse students of class 9 can prepare lakhmir singh books solutions for physics board exam preparation it helps you to understand the physics concepts very easily effectively 2 where can i get lakhmir singh class 9 physics solutions books chapterwise

download s chand book class ix physics pdf - Jul 19 2023

s chand book class ix physics download s chand book class ix physics pdf found 30 pdf ebooks

physics 9 pdf google drive - Feb 14 2023

view details request a review learn more

free s chand physics class 9 pdf free download - Aug 20 2023

this s chand class 9 physics was prescribed by the central board of secondary education cbse the most important advantage of the revised editions of s chand class 9 physics is that a large variety of solved and unsolved questions has been included to assess the learning abilities of the students

s chand books pdf free download physics chemistry - Jul 07 2022

s chand books pdf free download class 9th 10th physics chemistry biology you can easily download the s chand class 10 biology chemistry physics book pdf for the 2022 23 exams through the links given on our website

foundation course for neet part 1 physics class 9 s chand - May 05 2022

our neet foundation series is sharply focused for the neet aspirants most of the students make a career choice in the middle school and therefore choose their stream informally in secondary and formally in senior secondary schooling accordingly

s chand physics class 9 pdf free download lakhmir singh - Sep 21 2023

oct 13 2023 s chand physics class 9 pdf free download covers a broad range of topics in physics including mechanics heat sound light electricity and magnetism each case is explained in detail and is accompanied by numerous examples and illustrations to help students understand the concepts better

the full guide to effective security guard training in 2023 - Jun 14 2023

web aug 21 2023 basic security guard bsg training is a foundational course that covers the essential knowledge and skills required for individuals to work as security guards examples of bsg training topics include legal responsibilities and

limitations emergency response procedures communication skills access control and perimeter security

download your free security guard training manual template - Aug 16 2023

web turn a security guard training manual template into sleek interactive lessons within minutes for free don t settle for static security guard training manual pdfs transform them into impressive microlearning lessons that are easy to

download your free security guard training manual template - Sep 05 2022

web turn a security guard training manual template into sleek interactive lessons within minutes for free don t settle for static security guard training manual pdfs transform them within impressive microlearning lessons that are ease to

training and retaining good security guards patrol points - Jan 09 2023

web mar 12 2021 training should be thorough enough so that the guard could one day perform all duties on their own create realistic schedules creating a schedule that meets the security needs of your clients is a top priority but avoid giving your new employees whatever shifts are left if at all possible it is recommended that guards not work more

security management operation manual undac - Mar 11 2023

web annex c template for event security plan annex d request for deployment of sss officers chapter x guidelines on security management of united nations common premises maintain guard post records and logs and preparation of incident reports e provide first aid to united nations personnel in the event of incidents

security training certificate template - Aug 04 2022

web here s an officially designed certificate of training template for those who ve passed the security training program this template makes use of a simple and modern blue design that signifies authority and is easy to edit and customize printable and free to download

8 best security guard scheduling software solutions for 2023 - Mar 31 2022

web jul 23 2023 the 8 best security guard scheduling software solutions of 2023 rea regan updated on july 23 2023 effective scheduling can make or break your security guard company use one of our top 8 security guard scheduling apps and take your business to the next level

10 security guard training courses edapp microlearning - Dec 28 2021

web aug 25 2023 10 security guard training courses we ve put together a list of security guard training courses designed to equip your security personnel with the knowledge and skills needed to respond to security threats and emergencies

[download your free security guard training manual template](#) - May 13 2023

web we ve compiled who best product guard training manual samples on the web and turned them into free microlearning courses that it can deploy directly to your teams

free security training presentations for powerpoint edapp - Feb 10 2023

web free security training presentations for powerpoint we ve selected the best security training presentations and turned them into free mobile microlearning courses that you can deploy to your teams in minutes

[download your free security guard training manual template](#) - Oct 06 2022

web software your free security guard get quick template or try this instead we ve compiled this best security guard vocational manual samples on the web flip them toward free microlearning courses with edapp and deploy them direkt to your teams

download your free security guard training manual template - Jan 29 2022

web download own free security guard schooling manual guide or try this instead we ve compiled the best data guard training manual samples on the web turn themselves into free microlearning courses with edapp and deploy the directly to your teams

[free security officer certificate template edapp](#) - Dec 08 2022

web free security officer certificate template certificates can now match your brand and meet your compliance needs with our security officer certificate template our customizable certificates give you more design freedom than ever before

10 free tools to build your security guard training edapp - Apr 12 2023

web mar 20 2023 gabrielle rivera share free security guard training equips security personnel to respond to emergencies prevent criminal activity and protect themselves and their employers at no cost in this article we ll look at free tools to build your security guard training for the safety of your employees and your establishment

[security guard training course application form template](#) - Nov 07 2022

web a security guard training course application form is used to collect information about a person s training course application for security guard training this is used to gain information about an applicant s background education and employment history

[10 security guard training topics for better security measures](#) - Jun 02 2022

web this article will guide you through the most vital security guard training topics that you should definitely tackle in your next security guard training security guard training topic 1 duties and responsibilities

[guard training programs a development guide](#) - Jul 03 2022

web jul 1 2020 guard training programs a development guide dr glen kitteringham cpp 1 july 2020 print issue july 2020 one of my first experiences with workplace training occurred when i was employed as a roughneck on an oil service rig in 1986 no training was provided and so the rig was rife with accidents and near misses

[the full guide to effectiveness security guard training in 2023](#) - May 01 2022

web aug 21 2023 teaching about an different types of safe guard training which into include in yours training also whereby

go implement she using which superior security guard training solutions

4 730 security training customizable design templates - Feb 27 2022

web create free security training flyers posters social media graphics and videos in minutes choose from 4 730 eye catching templates to wow your audience

download your free security guard training manual template - Jul 15 2023

web download your free safe keep training textbook template or sample this instead we ve created the greatest secure guard training manual samples on the web turn them in free microlearning courses with edapp and deploy them directly to your teams

final and supplementary examination schedule and guidelines - May 11 2023

web final and supplementary examination schedule and guidelines pdf download only support ortax org created date 9 2 2023 4 04 59 pm

final and supplementary examination schedule and guidelines - Jul 13 2023

web final and supplementary examination schedule spring semester final exam schedule lsu edu final examination schedule university of texas at el paso

examination information university of the sunshine coast - Oct 04 2022

web pgdrm semester 1 new structure final and supplementary examination schedule and guidelines post studocu new structure final and

final and supplementary examination schedule and guidelines - Jan 27 2022

web jun 19 2023 final and supplementary examination schedule and guidelines this is why we offer the ebook assortments in this website in the end you will definitively find a

final and supplementary examination schedule and guidelines - Aug 02 2022

web jun 3 2023 this final and supplementary examination schedule and guidelines as one of the most dynamic sellers here will utterly be in the middle of the best options to

final and supplementary examination schedule and guidelines - Oct 24 2021

pgdrm semester 1 new structure final and - Jul 01 2022

web suggested reference and resource links exam prep and exam taking techniques tips and guides and a realistic and complete mock exam with solutions and explanations for the

final and supplementary examination schedule and guidelines - Dec 26 2021

web final and supplementary examination schedule and guidelines find current and past publications on ncua s performance

strategy budget planning and diversity efforts

final and supplementary examination schedule and guidelines - Sep 22 2021

final and supplementary examination schedule and guidelines - Mar 29 2022

web jun 9 2023 final and supplementary examination schedule and guidelines if you companion custom such a referred final and supplementary examination schedule

cbse central board of secondary education - Nov 05 2022

web jul 8 2023 final and supplementary examination schedule and guidelines is available in our book collection an online access to it is set as public so you can get it instantly

final and supplementary examination schedule and guidelines - Feb 25 2022

web jul 29 2023 practical exams may 2018 mechanical engineering date 24 04 2018 guidelines for project report preparation b tech m tech date 24 04 2018 make up

pgdpm semester 2 new structure final and - Sep 03 2022

web vdomdhtmltml pgdpm semester 2 new structure final and supplementary examination schedule and guidelines post studocu new structure final

pgdpm semester 1 new structure final and - Jan 07 2023

web 6 17 november 2023 semester 2 2023 centrally scheduled exam period 22 25 january 2024 semester 2 2023 deferred supplementary exam period and session 8

final and supplementary examination schedule and guidelines - Apr 29 2022

web 10th supplementary exam schedule ts 10th exam schedule 2nd puc supplementary exam time table here is the complete details

pgdpm semester 2 new structure final and - May 31 2022

web final and supplementary examination schedule and guidelines 1 final and supplementary examination schedule and guidelines catalogue calendar using

final and supplementary examination schedule and guidelines - Aug 14 2023

web final and supplementary examination schedule and guidelines welcome to ddce utkal university bhubaneswar june 23rd 2018 provisional result of 3 final year ba b com b sc regular 2018 2015 admission batch including first university second back

dokuz eylül Üniversitesi dokuz eylül university - Dec 06 2022

web final and supplementary examination schedule and guidelines post graduate diploma in project management january 2017 intake 2nd

bcom scm year 2 semester 1 final and - Mar 09 2023

web sayfa 3 6 devlet konservatuvari 1 Özel yetenek sınavı başvuru Şartları 1 konservatuvar lise devresi veya lise ve dengi okul mezunu olmak lise ve dengi okul

final and supplementary examination schedule - Apr 10 2023

web the final and supplementary examination consists of two 2 sections section a is based on a case study and carries 40 marks section b is based on theory and carries

pgdpm semester 1 new structure final and - Feb 08 2023

web guidelines for conducting practical examinations with the supplementary examination 2023 english hindi 1 10 mb 01 06 2023 date sheet for supplementary exam

final examination schedules undergraduate news events - Jun 12 2023

web may 27 2022 the schedules for 2021 2022 spring semester final examinations that will take place between june 21 july 3 2022 are as follows click here for the schedule of

final and supplementary examination schedule and guidelines - Nov 24 2021