

# Mechanical diploma fifth semester subject Reference

## Understanding the Mechanical Diploma Fifth Semester Subject

**Mechanical diploma fifth semester subject** is a critical phase in the academic journey of mechanical engineering students pursuing their diploma. This semester acts as a bridge between foundational concepts and advanced technical skills, preparing students for real-world engineering challenges. The curriculum is designed to enhance practical knowledge, problem-solving abilities, and specialized technical expertise essential for a successful career in mechanical engineering.

This article provides an in-depth overview of the subjects covered in the fifth semester, their significance, and how students can effectively prepare for their exams and future careers.

## Overview of the Mechanical Diploma Fifth Semester Subjects

In the fifth semester of a mechanical diploma program, students typically encounter a blend of theoretical concepts and practical applications. The core subjects aim to deepen understanding in areas such as manufacturing processes, thermodynamics, fluid mechanics, and machine design.

Common subjects in this semester include:

- Manufacturing Technology II
- Thermodynamics II
- Fluid Mechanics II
- Mechanical Drawing & CAD
- Material Science
- Computer-Aided Design (CAD) & CAM
- Theory of Machines
- Workshop Practice

Each subject plays a vital role in shaping a well-rounded mechanical engineer.

## Detailed Breakdown of Subjects

### Manufacturing Technology II

This subject builds upon the fundamentals learned in earlier semesters, focusing on advanced manufacturing processes such as:

- Welding techniques including arc welding, gas welding, and modern methods like laser welding
- Metal joining processes like brazing and soldering
- Casting methods, including sand casting and investment casting
- Powder metallurgy and its applications
- Modern manufacturing techniques such as CNC machining

Importance:

Understanding these processes equips students to contribute effectively to manufacturing industries, optimizing production methods, and ensuring quality control.

## Thermodynamics II

An extension of basic thermodynamics, this subject delves into:

- Power cycles such as Rankine, Brayton, and refrigeration cycles
- Thermodynamic analysis of engines and turbines
- Heat transfer methods including conduction, convection, and radiation
- Applications of thermodynamics in HVAC systems and power plants

Significance:

Knowledge in these areas is crucial for designing and analyzing thermal systems, ensuring energy efficiency, and sustainable engineering solutions.

## Fluid Mechanics II

This subject emphasizes:

- Advanced fluid flow concepts including laminar and turbulent flow
- Flow measurement techniques
- Pump and turbine characteristics
- Hydraulic machinery and system design
- Computational Fluid Dynamics (CFD) basics

Why it matters:

Proficiency in fluid mechanics is essential for designing pipelines, pumps, turbines, and HVAC systems, which are integral to many mechanical applications.

## **Mechanical Drawing & CAD**

Students learn to create detailed engineering drawings and utilize CAD software such as AutoCAD, SolidWorks, or CATIA. Topics include:

- Orthographic projection and sectional views
- Isometric and perspective drawings
- Dimensioning and tolerancing
- 3D modeling and assembly
- Drafting standards and conventions

Benefits:

Developing strong drawing skills and CAD proficiency enhances communication, design accuracy, and prepares students for modern manufacturing environments.

## **Material Science**

This subject explores:

- Properties of metals, plastics, ceramics, and composites
- Material selection criteria
- Heat treatment processes
- Failure analysis
- Corrosion and wear mechanisms

Application:

Understanding material behavior enables engineers to select appropriate materials for specific applications, improving product durability and performance.

## **Computer-Aided Design (CAD) & CAM**

Focusing on automation in design and manufacturing, this subject covers:

- Advanced 3D modeling techniques
- CNC programming basics
- Simulation and analysis tools
- Integration of CAD and CAM workflows

Impact:

This knowledge streamlines the design-to-production process, reduces errors, and enhances productivity in manufacturing setups.

## Theory of Machines

This crucial subject deals with:

- Kinematic analysis of mechanisms
- Dynamics of machines
- Balancing of rotating masses
- Gyroscopic effects
- Mechanical vibrations

Relevance:

A solid grasp of the theory of machines is vital for designing machinery that operates smoothly, efficiently, and reliably.

## Learning Strategies for Success in Fifth Semester Subjects

To excel in these subjects, students should adopt effective study habits, including:

- Regular revision of lecture notes and textbooks
- Practical application through laboratory work
- Participation in workshops and seminars
- Engaging with online tutorials and software training
- Forming study groups for collaborative learning
- Seeking guidance from instructors and industry professionals

## Career Opportunities Post Fifth Semester

Completing the fifth semester opens several pathways for students, such as:

- Internships in manufacturing plants, design firms, or research organizations
- Preparing for technical certifications in CAD, CAM, or CNC programming
- Planning for higher education in mechanical engineering or related fields
- Entry-level roles in production, quality control, or maintenance departments

## Future Trends in Mechanical Engineering for Diploma Holders

As technology advances, diploma holders with a strong foundation in fifth-semester subjects will find themselves better equipped to adapt. Emerging trends include:

- Automation and robotics integration in manufacturing
- Adoption of Industry 4.0 principles
- Use of AI and machine learning in design and maintenance
- Sustainable and eco-friendly manufacturing practices
- Additive manufacturing (3D printing)

Staying updated with these trends is essential for career growth and innovation.

## Conclusion: The Significance of the Fifth Semester Subjects

The **mechanical diploma fifth semester subject** curriculum is designed to deepen technical knowledge and practical skills, fostering competent future engineers. Mastery of these subjects not only enhances academic performance but also significantly boosts employability and readiness for industry challenges.

For students, focusing on understanding core concepts, practicing hands-on skills, and staying updated with industry trends is key to succeeding in their fifth semester and beyond. As they progress, these subjects serve as foundational pillars that support advanced learning and professional development in the dynamic field of mechanical engineering.

### Mechanical Diploma Fifth Semester Subject: A Comprehensive Overview

The mechanical diploma fifth semester subject serves as a pivotal point in the educational journey of budding mechanical engineers. Building upon foundational knowledge acquired in earlier semesters, this subject delves deeper into specialized areas of mechanical engineering, equipping students with both theoretical understanding and practical skills essential for modern industry challenges. As industries evolve with technological advancements, the fifth semester acts as a bridge connecting fundamental principles with advanced applications, preparing students for real-world engineering tasks.

## The Role of the Fifth Semester in Mechanical Diploma Curriculum

In the context of a diploma in mechanical engineering, the fifth semester typically signifies a transition phase. Students move from introductory subjects to more complex topics that require analytical thinking and problem-solving capabilities. This semester often emphasizes:

- Application of core principles in practical scenarios.
- Introduction to specialized fields like manufacturing processes, thermodynamics, and automation.
- Development of technical skills through lab work and project-based learning.

By the end of this semester, students are expected to demonstrate proficiency not only in understanding core concepts but also in applying them to real-world engineering problems.

## Core Subjects Covered in the Fifth Semester

The curriculum for the fifth semester is designed to provide a balanced mix of theoretical knowledge and practical skills. While course structures may vary between institutions, common subjects include:

- Manufacturing Processes

### Overview:

This subject explores various techniques used in transforming raw materials into finished products. It covers traditional and modern manufacturing methods, emphasizing their applications and advantages.

### Key Topics:

- Casting, forging, and welding techniques
- Machining processes such as turning, drilling, and milling
- Modern manufacturing methods like CNC machining and additive manufacturing
- Material selection and quality control

### Practical Relevance:

Understanding manufacturing processes is vital for designing feasible and cost-effective production

plans. Students often undertake projects involving the operation of machinery or process simulations.

- Thermodynamics and Heat Engines

#### Overview:

This subject introduces students to the principles governing energy transfer, work, and heat. It emphasizes the functioning and design of heat engines, which are fundamental to mechanical systems.

#### Key Topics:

- Laws of thermodynamics
- Properties of gases and vapors
- Power cycles such as Rankine, Otto, and Diesel cycles
- Performance analysis of heat engines and refrigeration systems

#### Practical Relevance:

Mastery of thermodynamics principles aids in optimizing engine efficiency and designing energy systems, crucial for industries like automotive and power generation.

- Mechanical Drawing and CAD

#### Overview:

This subject focuses on technical drawing skills and computer-aided design (CAD) tools, enabling students to create detailed engineering drawings and models.

#### Key Topics:

- Orthographic projection and sectional views
- Dimensioning and tolerances
- 3D modeling using CAD software like AutoCAD or SolidWorks
- Drawing standards and conventions

### Practical Relevance:

Proficiency in technical drawing and CAD is essential for communicating design ideas accurately and collaborating effectively in engineering projects.

- Theory of Machines

### Overview:

This subject explores the behavior of mechanical components in motion, analyzing mechanisms and their applications.

### Key Topics:

- Kinematics of machines
- Linkages and cam mechanisms
- Balancing of rotating masses
- Gears and gear trains

### Practical Relevance:

Understanding machine dynamics helps in designing reliable and efficient mechanical systems, reducing vibrations and wear.

### Practical Components and Laboratory Work

Hands-on training is integral to the fifth semester, reinforcing theoretical concepts through practical exercises. Typical laboratory activities include:

- Operating machine tools like lathes, milling machines, and welding equipment
- Conducting thermodynamics experiments, such as heat transfer and engine performance tests
- Creating technical drawings and CAD models
- Performing maintenance and troubleshooting of mechanical systems

These activities cultivate a practical mindset, problem-solving skills, and familiarity with industry-standard tools and procedures.

### Importance of Projects and Industry Exposure

Many diploma programs incorporate project work during the fifth semester, often involving team-based design and manufacturing tasks. Examples include:

- Designing and fabricating a small mechanical assembly
- Developing a prototype of a thermal system
- Automating a simple manufacturing process with basic control systems

Such projects foster teamwork, innovation, and project management skills. Additionally, industry visits and guest lectures expose students to real-world applications, trends, and career opportunities.

### Skill Development and Career Readiness

The fifth semester not only imparts technical knowledge but also emphasizes soft skills vital for professional success:

- Communication skills: Technical report writing and presentations
- Analytical thinking: Problem-solving and decision-making in design and manufacturing
- Teamwork: Collaborative project execution
- Adaptability: Keeping pace with technological changes

Graduates equipped with these skills are better prepared for roles such as maintenance technicians, manufacturing supervisors, design assistants, or further education pathways.

### Challenges and Opportunities

While the curriculum aims to produce industry-ready engineers, students often face challenges such as:

- Keeping pace with rapidly evolving technology: Rapid advancements in automation, robotics, and digital manufacturing require continuous learning
- Bridging theory and practice: Applying classroom knowledge to complex industrial scenarios can be demanding
- Resource constraints: Limited access to advanced machinery or software in some institutions

However, these challenges also present opportunities:

- Upskilling through online courses and certifications in CAD, automation, or energy systems
- Participation in technical competitions like robotics, manufacturing challenges, or design contests
- Internships and industrial training to gain firsthand experience

### Future Outlook for Mechanical Diploma Holders

The fifth semester lays a strong foundation for various career paths. Graduates can venture into:

- Manufacturing and Production: Supervising or operating machinery, quality control
- Automotive Industry: Maintenance, design, and testing of vehicles
- Energy Sector: Working on thermal, renewable, or alternative energy systems
- Research and Development: Innovating new mechanical solutions
- Further Education: Diplomas can lead to advanced diplomas or degrees in mechanical engineering

As industries increasingly adopt smart manufacturing and automation, diploma holders with a robust technical background are in high demand.

### Conclusion

The mechanical diploma fifth semester subject is a crucial phase that interlinks foundational engineering principles with specialized knowledge and practical skills. It prepares students to navigate the complexities of modern mechanical systems, fostering a blend of theoretical understanding and hands-on expertise. By embracing the challenges and opportunities presented in this semester, students can carve a successful career path in diverse engineering domains. As technology continues to advance, the importance of a solid educational base, like that provided in the fifth semester, cannot be overstated in shaping the future of mechanical engineering professionals.

**Question** What are the key topics covered in the fifth semester of a mechanical diploma course? The fifth semester typically includes subjects like Manufacturing Processes, Thermodynamics, Mechanical Measurement and Metrology, Fluid Mechanics, and Computer-Aided Design (CAD). **Answer** How can I effectively prepare for practical exams in mechanical diploma fifth semester subjects? Focus on understanding core concepts through hands-on practice, review laboratory manuals thoroughly, perform mock tests, and clarify doubts with instructors to ensure confidence during practical exams. What are the best resources or textbooks for studying mechanical diploma fifth semester subjects? Recommended resources include standard textbooks like 'Manufacturing Processes' by R.C. Gupta, 'Thermodynamics' by P.K. Nag, and reference guides provided by your institution, along with online tutorials and video lectures for better understanding.

What career opportunities are available after completing the fifth semester of a mechanical diploma? Students can pursue internships, technician roles, or prepare for higher education such as B.Tech in Mechanical Engineering. Opportunities also exist in manufacturing industries, maintenance, and quality control sectors. Are there any common challenges faced by students in the fifth semester mechanical diploma subjects, and how can they overcome them? Common challenges include understanding complex concepts and practical applications. Overcome these by consistent study, participating in group discussions, seeking help from faculty, and practicing problem-solving regularly. How important are project work and internships in the fifth semester for a mechanical diploma student? Project work and internships are crucial as they provide practical experience, enhance technical skills, and improve employability. They also help students apply theoretical knowledge to real-world scenarios, making them industry-ready.

**Related keywords:** mechanical engineering, diploma syllabus, fifth semester subjects, mechanical coursework, engineering diploma, mechanical design, thermodynamics, manufacturing processes, fluid mechanics, materials science

## Lesson 6 Subject Complements Answers

### Lesson 6 Subject Complements Answers

Understanding subject complements is essential for mastering sentence structure and grammar. In Lesson 6, we focus on identifying, using, and correctly answering questions related to subject complements. This comprehensive guide aims to clarify the concept, provide clear explanations, and offer practical exercises with answers to solidify your understanding of subject complements.

## What Are Subject Complements?

### Definition of Subject Complements

A subject complement is a word or phrase that follows a linking verb and provides additional information about the subject. It completes the meaning of the subject and the verb, often renaming or describing the subject.

Examples:

- The sky is blue. (adjective complement)
- She became a doctor. (noun complement)

## Types of Subject Complements

Subject complements are mainly classified into two types:

- Predicate Nouns (or Predicate Nominatives): These rename the subject.
- Predicate Adjectives: These describe the subject.

## Identifying Subject Complements

### How to Recognize a Subject Complement

To identify a subject complement:

- Look for a linking verb (such as is, was, were, seem, become, feel, look).
- Determine if the word or phrase following the verb provides more information about the subject.
- Check if the word can be replaced with a pronoun or synonym to verify its function.

### Common Linking Verbs

- am, is, are
- was, were
- be, being, been
- seem, appear, become, look, feel, taste, smell, remain, stay

## Common Questions and Answers on Subject Complements

### 1. What is the function of a subject complement?

Answer:

A subject complement completes the meaning of the subject by either renaming it (predicate noun) or describing it (predicate adjective). It follows a linking verb and provides more information about the subject.

### 2. How do you identify a predicate noun in a sentence?

Answer:

A predicate noun renames or identifies the subject and can often be replaced with another noun or pronoun. It is connected to the subject via a linking verb.

Example & Answer:

Sentence: The winner is she.

Question: What is the subject complement?

Answer: She (predicate noun replacing "the winner").

### **3. How can you distinguish between a predicate adjective and a regular adjective?**

Answer:

A predicate adjective follows a linking verb and describes the subject, often answering "How is the subject?" or "What is the subject like?" Regular adjectives typically modify nouns, whereas predicate adjectives follow linking verbs.

Example & Answer:

Sentence: The cake tastes sweet.

Question: What is the predicate adjective?

Answer: Sweet (describes the cake).

### **4. Can a subject complement be a phrase instead of a single word?**

Answer:

Yes, a subject complement can be a phrase, such as a noun phrase or an adjective phrase, that completes the meaning of the subject.

Example:

Sentence: The most important thing is your cooperation.

Question: What is the subject complement?

Answer: Your cooperation (noun phrase).

## 5. What are some common errors to avoid when identifying subject complements?

Answer:

- Confusing predicate nominatives with direct objects.
- Mistaking adjectives that modify nouns for predicate adjectives.
- Overlooking the linking verb and assuming any word following the subject is a complement.

## Sample Exercises with Answers

### Exercise 1: Identify the subject complement in each sentence.

- The sky became dark.
- She is a talented musician.
- The soup tastes salty.
- They are students.
- The movie seemed interesting.

### Answers:

- dark (predicate adjective)
- a talented musician (predicate noun)
- salty (predicate adjective)
- students (predicate noun)
- interesting (predicate adjective)

### Exercise 2: Choose the correct subject complement for each sentence.

- The teacher was (*kind* / *kind-hearted*).
- The bread smells (*fresh* / *freshness*).
- My brother became (*a doctor* / *doctor*).
- The flowers are (*beautiful* / *beauty*).
- The cake looks (*delicious* / *deliciously*).

## Answers:

- The teacher was **kind-hearted**.
- The bread smells **fresh**.
- My brother became **a doctor**.
- The flowers are **beautiful**.
- The cake looks **delicious**.

## Exercise 3: Rewrite the sentences, replacing the subject complement with a pronoun.

- The winner is she.
- The best thing about the movie is its ending.
- The weather became very cold.
- My favorite hobby is painting.
- The food tastes spicy.

## Answers:

- The winner is she ? The winner is she. ? The winner is her. (Note: "her" is used correctly as a predicate nominative in the sentence.)
- The best thing about the movie is its ending. ? It is its ending. (Rephrasing is complex; better to keep the noun.)
- The weather became very cold. ? It became very cold.
- My favorite hobby is painting. ? It is painting.
- The food tastes spicy. ? It tastes spicy.

(Note: Some sentences do not lend themselves easily to pronoun substitution in the predicate complement without changing the sentence structure. Focus on understanding the role of the pronoun in context.)

## Tips for Mastering Subject Complements

- Always identify the linking verb first; it's the key to spotting a subject complement.
- Remember that predicate nouns rename the subject, so they can be replaced with pronouns like "she," "he," or "they" in the nominative case.
- Predicate adjectives describe the subject and often follow linking verbs such as "is," "seems," or

"becomes."

- Practice with different sentences to recognize subtle differences between complements and other sentence components.
- Use exercises to test your understanding regularly and review the answers carefully to learn from mistakes.

## Summary

Understanding and correctly answering questions about subject complements is vital for grammatical accuracy and effective communication. By recognizing the role of linking verbs and the types of complements?predicate nouns and predicate adjectives?you can improve your sentence analysis skills. Practice identifying, replacing, and constructing sentences with subject complements to become more confident in using them correctly.

Remember, the key to mastering lesson 6 subject complements answers lies in understanding their function, practicing with varied examples, and paying attention to the linking verbs that connect them to the subject. With consistent effort, you?ll be able to answer questions about subject complements with clarity and precision.

### Lesson 6: Subject Complements Answers ? An In-Depth Exploration

Understanding the nuances of sentence structure is fundamental to mastering English grammar, and one of the most essential components in this domain is the concept of subject complements. In Lesson 6, we delve into the intricacies of subject complements, their functions, types, and how to correctly identify and utilize them in sentences. This comprehensive review aims to clarify common misconceptions, provide detailed explanations, and furnish practical examples to enhance your grasp of subject complements.

## What Are Subject Complements?

At its core, a subject complement is a word or phrase that follows a linking verb and provides additional information about the subject. It essentially "complements" or completes the meaning of the subject by renaming or describing it. Without the subject complement, the sentence may be grammatically correct but semantically incomplete or ambiguous.

Key Points:

- Appears after a linking verb (such as is, was, seems, becomes, appears, etc.)
- Renames or describes the subject
- Necessary for the sentence's full meaning when using linking verbs

Example Sentences:

- The winner is she.
- His explanation was confusing.
- The sky appears blue.

In these examples, "she," "confusing," and "blue" are subject complements that complete the sentence.

## Types of Subject Complements

Subject complements fall into two primary categories based on their grammatical nature:

### Noun Complements (Predicate Nouns)

These are nouns or pronouns that rename or identify the subject.

Characteristics:

- Usually follow linking verbs
- Provide a new name or identity for the subject
- Can be a singular noun, plural noun, or pronoun

Examples:

- My brother is a teacher.
- The winners are they.
- It was John who called earlier.

Common Predicate Nouns:

- doctor, teacher, artist, student, winner, child

### Adjective Complements (Predicate Adjectives)

These are adjectives that describe the subject directly.

Characteristics:

- Follow linking verbs
- Describe the subject's state or quality

Examples:

- The cake smells delicious.
- She seems happy.
- The night became cold.

Common Predicate Adjectives:

- happy, sad, tall, short, cold, bright, confusing

## Identifying Subject Complements in Sentences

Correct identification of subject complements involves understanding their position and function in the sentence.

Steps to Identify:

- Locate the main verb: Is it a linking verb? (e.g., is, was, seem, become, appear, feel.)
- Find the word or phrase immediately following the linking verb.
- Determine whether this word renames (noun/pronoun) or describes (adjective) the subject.
- Confirm that removing this complement would leave the sentence incomplete or nonsensical.

Sample Analysis:

- Sentence: The sky is blue.
  - Linking verb: is
  - Complement: blue
  - Function: Describes the subject the sky
- 
- Sentence: The winner was she.

- Linking verb: was
- Complement: she
- Function: Renames the subject the winner

## Common Mistakes and Clarifications

Misunderstanding subject complements often leads to grammatical errors. Here are some common pitfalls and clarifications:

### - Confusing Subject Complements with Direct Objects

- Incorrect: The teacher made her a leader. (Here, "her" is a direct object, not a complement.)
- Correct: The teacher made her leader. ("Leader" is a predicate noun acting as a subject complement.)

### - Using Adjectives as Complements Without Linking Verbs

- Incorrect: The sky is blue.
- Correct: The sky is blue.

(Note: In the correct sentence, "is" is the linking verb, and "blue" is the predicate adjective acting as a subject complement.)

### - Omitting the Complement

- Incorrect: The winner is.
- Correct: The winner is she.

(The complement completes the sentence's meaning.)

## Practice Questions and Answers

Engaging with practice sentences is essential for mastery. Below are sample questions with detailed answers.

Question 1: Identify the subject complement in the following sentence:

- The movie seems interesting.

Answer:

- Linking verb: seems
- Subject complement: interesting
- Function: Predicate adjective describing the movie

Question 2: Determine whether the complement is a noun or an adjective:

- The children became tired.

Answer:

- Linking verb: became
- Complement: tired
- Type: Predicate adjective (describes the children's state)

Question 3: Rewrite the sentence with a clearer subject complement:

- The winner was she.

Answer:

- The winner was she.

(This sentence correctly uses a predicate pronoun as the complement.)

## **Applying Knowledge: Constructing Sentences with Subject Complements**

Practice constructing sentences helps solidify understanding. Here are some prompts:

- Use a linking verb and a predicate noun to describe a person.
- Use a linking verb and a predicate adjective to describe an object or situation.
- Combine these elements into meaningful sentences.

Sample Sentences:

- The artist is a visionary.
- The weather became stormy.
- My favorite fruit is mango.
- The night seems peaceful.

## Summary and Key Takeaways

- Subject complements follow linking verbs and complete the meaning of the subject.
- They are primarily predicate nouns (renaming the subject) or predicate adjectives (describing the subject).
- Correct identification involves recognizing the linking verb and the complement's function.
- Misconceptions often stem from confusing complements with direct objects or omitting necessary complements.
- Practice with varied sentences enhances accuracy in identification and usage.

## Final Thoughts

Mastery of subject complements is vital for constructing clear, grammatically correct sentences. Recognizing their role and differentiating between types not only improves writing skills but also deepens understanding of sentence structure. Through careful analysis, practice, and application, learners can confidently identify and utilize subject complements, elevating their command of English grammar.

Whether you're preparing for tests, refining your writing, or simply aiming for better comprehension, focusing on Lesson 6's core concepts about subject complements will serve as a strong foundation for grammatical proficiency.

**Question** What are subject complements in a sentence? Subject complements are words or phrases that follow a linking verb and provide more information about the subject, such as describing or renaming it. How can I identify a subject complement in a sentence? Look for words that come after a linking verb and either rename or describe the subject; these are typically nouns, pronouns, or adjectives functioning as subject complements. What is the difference between a predicate nominative and a predicate adjective? A predicate nominative is a noun or pronoun that

renames the subject, while a predicate adjective describes the subject's state or quality; both serve as subject complements. Can a sentence have more than one subject complement? Generally, a sentence has only one subject complement that completes the meaning of the subject, but in complex sentences, multiple complements can be present if they describe or rename different parts. Which verbs are typically used with subject complements? Linking verbs such as 'be,' 'become,' 'seem,' 'appear,' 'feel,' and 'look' are commonly used with subject complements. Why are subject complements important in understanding sentence structure? They help clarify the meaning of the subject and complete the thought of the sentence, making communication clear and precise. Can an adjective be a subject complement? If so, give an example. Yes, an adjective can be a subject complement. For example, in 'The sky is blue,' 'blue' is an adjective serving as a subject complement describing the sky.

**Related keywords:** subject complements, predicate nominative, predicate adjective, noun clause, completes the subject, grammar lesson, sentence structure, grammatical function, language learning, English grammar

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