Your topic is **Geometric shapes: Its area and applications**. Here's a suggestion for a detailed layout of a 15–20-page website based on this topic:

**1. Home Page**

* **Content**:
  + Welcome message
  + Brief introduction to geometric shapes and their importance
  + Scrolling text: "Word of the Day" related to geometry
  + Navigation links to other pages
* **Design**:
  + Hero section with an eye-catching image or animation of geometric shapes.
  + Buttons for "Learn More" or "Get Started."

**2. About Us (Company Profile)**

* **Content**:
  + Overview of the project
  + Objectives of the website (e.g., educate, assess, inspire)
* **Design**:
  + Two-column layout with text on one side and an image/graphic on the other.

**3. Introduction to Geometry**

* **Content**:
  + Definition of geometry
  + Historical background
  + Real-world relevance
* **Design**:
  + Timeline representation for historical details.
  + Interactive sections for real-world applications (e.g., architecture, engineering).

**4-6. Shape Pages (3 pages)**

Each page focuses on a category of shapes:

* **2D Shapes**: Circle, triangle, square, etc.
* **3D Shapes**: Sphere, cube, cylinder, etc.
* **Complex Shapes**: Polygons, ellipses, etc.
* **Content**:
  + Description of each shape
  + Formulas for area, perimeter, and volume (if applicable)
  + Interactive diagrams or animations
* **Design**:
  + Tabs or accordions for individual shapes.
  + Hover effects for detailed information.

**7. Applications of Geometry**

* **Content**:
  + Applications in architecture, design, robotics, etc.
  + Case studies or examples
* **Design**:
  + Grid layout with each application represented visually.

**8. Interactive Course Page**

* **Content**:
  + Lessons on understanding and calculating areas and volumes.
  + Examples and exercises.
* **Design**:
  + Gamified quizzes or step-by-step tutorials.

**9-18. Assessment Page**

* **Content**:
  + Multiple-choice questions
  + Diagram-based problem-solving
  + Interactive area and volume calculators
* **Design**:
  + Forms for user input
  + Results displayed dynamically.

**19. Feedback and Contact Us Page**

* **Content**:
  + Feedback form
  + Contact details (email, social media, etc.)
* **Design**:
  + Clean and simple form layout.

**20. Course Registration Page**

* **Content**:
  + Form for users to sign up for geometry lessons
* **Design**:
  + User-friendly form with validations and confirmation messages.

**21. FAQs Page**

* **Content**:
  + Common questions about geometry
* **Design**:
  + Accordion layout for questions and answers.

COLOUR THEMES :-

**Theme 1: Classic and Professional**

* **Primary**: Navy Blue (#002366)
* **Secondary**: Light Gray (#F5F5F5)
* **Accent**: Gold (#FFD700)
* **Background**: White (#FFFFFF)
* **Typography**: Black (#000000)

**Why?**

* This theme gives your website a formal and polished look, ideal for academic submissions.
* The colors are clean and work well with diagrams and structured content.

**Theme 2: Modern and Minimalist**

* **Primary**: Teal (#008080)
* **Secondary**: Light Gray (#EAEAEA)
* **Accent**: Coral (#FF7F50)
* **Background**: White (#FFFFFF)
* **Typography**: Charcoal (#222222)

**Why?**

* A contemporary and clean design ensures readability and professionalism.
* Perfect for emphasizing geometric visuals while keeping the layout clutter-free.