

PRACTICAL WEB PROJECT (OPEN TEST (1&2))

MARKING SCHEME (TOTAL: 20 MARKS)

TEST ONE (10 MARKS) – DEVELOPMENT & CONFIGURATION

S/N	Assessment Area	Description	Marks
1	Business Concept & Planning	Business idea, target market, product choice	3
2	Website Design & UX	Layout, navigation, responsiveness	3
3	Product Catalog Setup	Minimum 5 products with prices & images	2
4	Basic E-Commerce Functionality	Cart and checkout working	2
Total			10

TEST TWO (10 MARKS) – INTEGRATION, SECURITY & PRESENTATION

S/N	Assessment Area	Description	Marks
1	Payment Integration	Mobile money/card payment (demo/sandbox)	3
2	Order Management	Order confirmation and admin management	2
3	Security & Legal Compliance	SSL, privacy policy, secure login	2
4	System Demonstration & Viva	Live demo, explanation, Q&A	3
Total			10

PROJECT DESCRIPTION

You are required to **design, develop, and demonstrate a fully functional e-commerce website** for a small-to-medium business. The project must simulate a **real business environment in Tanzania**.

The website must allow:

- Product display
- Customer registration
- Shopping cart and checkout
- Online payment simulation
- Order management

PROJECT SCOPE AND REQUIREMENTS

Mandatory Features

- Home page with business branding
- Product catalog (minimum 5 products)
- Shopping cart functionality

- Checkout process
- Payment gateway integration (sandbox or demo)
- Admin panel for product and order management
- Privacy policy and terms page

Recommended Platforms

- Choose any platform of your choice

##DETAILED MARKS BREAKDOWN GUIDELINES

1. Business Concept & Planning (3 Marks)

- Business idea relevance (1)
- Target market clearly defined (1)
- Appropriate product selection (1)

2. Website Design & UX (4 Marks)

- Professional layout and branding (1)
- Easy navigation and menu structure (1)
- Mobile responsiveness (1)
- Page loading speed and usability (1)

3. Core E-Commerce Functionality (5 Marks)

- Product catalog completeness (2)
- Shopping cart working correctly (1)
- Checkout flow accuracy (1)
- Order confirmation process (1)

4. Payment Integration (3 Marks)

- Correct payment method setup (1)
- Successful test transaction (1)
- Transaction confirmation message/email (1)

5. Security & Legal Compliance (2 Marks)

- HTTPS/SSL enabled (1)
- Privacy policy & terms included (1)

6. Presentation & Demonstration (3 Marks)

- System demonstration (1)
- Ability to explain features (1)
- Answers questions confidently (1)

Project Submission Requirements [2-4 week]

- Live website URL or local server demo

- Admin login credentials (temporary)
- Brief project report (5–8 pages)
- Screenshots of key functionalities