

**UGANDA INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
PROGRESSIVE ASSESSMENT EXAMINATIONS
ACADEMIC YEAR 2025/2026**

PROGRAMME(S): DIPLOMA IN SOFTWARE ENGINEERING

YEAR OF STUDY: ONE SEMESTER TWO

COURSE: WEB TECHNOLOGY AND PROGRAMMING

COURSE CODE : SWE 1201

DATE: MONDAY 29TH, JUNE 2026

TIME: 9:00 AM – 12:00 PM

DURATION: 3 HOURS

VENUE: LAB 3, ITU, SEMINAR ROOM, ELETRONICS LAB

INSTRUCTIONS:

- Examination time: **3 hours**
- The paper consists of **THREE** questions
- **Choose any TWO** and each question consists of **30 marks**
- **Use images provided to you in question 1**

Question 1

ABCDEF hardware store deals in hardware supplies which include steel, cement, concrete, ready-mix concrete, stone, brick blocks.

As a web developer apply the following tasks to the webpage/website Homepage as follows;

Title of the webpage – Name of Hardware store **2 marks**

Main heading - Name of Hardware store and align this to the center **2 marks**

Main heading - Name of Hardware store should be bold and underlined **2 marks**

Create a link for the hardware store on the homepage - www.ABCDEF.com and align it to the right **2 marks**

Add the following in the body;

- i. **List this in unordered method** – Steel (I-beams for structural framing, rebar for concrete reinforcement, corrugated sheets for roofing, and stainless steel for corrosion-resistant fixtures) **1 mark**
- ii. **List this in an ordered way** - Cement (Ordinary Portland cement, Portland pozzolana cement, Rapid-hardening cement, Extra-rapid-hardening cement, Quick-setting cement, Low-heat cement) **1 mark**
- iii. **List this in unordered mode** – Concrete- (Normal-Strength Concrete, Plain or Ordinary Concrete, Reinforced Cement Concrete, Prestressed Concrete, Precast Concrete, Lightweight Concrete) **1 mark**
- iv. **List this in an ordered format** – Floor materials (stone and brick blocks) **1 mark**
- v. Add color background **1 mark**
- vi. Apply font-family in the statements **1 mark**
- vii. Apply margin area **1 mark**
- viii. Apply padding area **1 mark**

Place images in the web homepage along with dimensions . Make sure each image is aligned closely to its wordings. **10 marks**

Apply external styling in this website **4 marks**

Question 2

School X organized a tournament involving various activities soccer, volley ball, net ball and basket ball. The competition consisted of teams such as Reds, Blues, Whites and Blacks.

Create a tables to represent the following results;

Place this tables results on the same webpage **1 mark**

Name the webpage as **School X results** **1 mark**

Soccer results and align this table to the Right 7 marks

Team	wins	draws	Points
Reds	1	0	3
Blues	3	1	6
Whites	2	2	2

Blacks	5	3	4
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Volley ball results align this table to the Center 7 marks

Team	wins	draws	Points
Reds	0	0	0
Blues	2	1	2
Whites	4	2	3
Blacks	1	1	1

Net ball results align this table to the Left 7 marks

Team	wins	draws	Points
Reds	3	0	3
Blues	2	0	2
Whites	0	0	0
Blacks	3	3	1

Basketball results and align this table to the Right 7 marks

Team	wins	draws	Points
Reds	0	0	0
Blues	3	0	3
Whites	5	0	5
Blacks	2	2	1

Question 3

You tasked with creating a student registration form for an online school.

The form should collect the following information from the user;

- Title of Registration form as XYZ ONLINE SCHOOL 2 marks
- Main heading of Registration form as STUDENT REGISTRATION FORM 2 marks
- Full Name 2 marks

- Age 2 marks
- Email 2 marks
- Contact 2 marks
- Address 2 marks
- Password 2 marks
- Radio button for Gender (Male, Female) 2 marks
- Next of Kin 2 marks
- Schools attended 2 marks
- File upload button to upload the school qualifications acquired 2 marks
- Preferred short Course (Dropdown /Select box with options: Web Development, Data Science, Cyber security) 2 marks
- A checkbox to agree to the terms and conditions of selected short course 2 marks
- Submit and reset button 2 marks

Task:

1. Create an HTML form that includes all the fields mentioned above
2. Ensure the form uses the correct input types and labels for accessibility

END