

TEST PROJECT
PRACTICAL SKILLS

MODULE 1: WEB DESIGN

Exam Paper Code: WD01

SCHOOL LEADERSHIP	CHIEF SUBCOMMITTEE ON EXAM DEVELOPMENT
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Guide contestants

Student's name	Date of birth	Placement	Module
			Web Design

GUIDE CONTESTANTS

Time:

- Preparation Time: 05 minutes
- Time Duration: 150 minutes
- Break Time: 10 minutes

Scores:

Exam content		Marks
1	Programming with HTML/CSS	30
2	Programming with JavaScript	30
3	Use the MySQL	10
4	Programming with PHP	30
Total Marks		100

Candidates are required to note:

- Ensure safety standards of health and computer
- Do the test independently without discussing while doing the test
- Comply with regulations of exam room and proctor's instructions
- Fill the information in the form
- Complete all requirements in the content of the exam
- Do not use documents, the Internet and other communication devices during the assignment
- If the exam does not have special requirement for the file name and storage location, contestants save all exam file name in the folder as following format:

D:\WorkSkills\Web Design

<Student's Name>_< Student code >[.< extension >]

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CONTENT OF THE TEST

Question 1:

Programming with HTML/CSS: Use HTML/CSS code to design the following page

```
WebDesign
├─ css
│  ├── bootstrap.min.css
│  └── tooplate-style.css
├─ img
│  ├── header-01.jpg
│  ├── image-01.jpg
│  ├── image-02.jpg
│  ├── image-03.jpg
│  └── star.png
├─ add.php
├─ index.php
└─ login.php
```

Figure 1 Directory structure of the project

LOGIN PAGE PRODUCT MANAGER

Username

Password

Login

Figure 2 Sign-in page interface

PRODUCT

Name

Price

Image No file chosen

Category



ID	IMAGE	PRODUCT	PRODUCT CATEGORY	PRICE
1		IPHONE 11	SMART PHONE	1.000.000\$
2		IPHONE 12	SMARTPHONE	1.099.000\$

Figure 3 Add and manage product information

DESCRIPTION OF PROJECT AND TASKS

- All content that uses the system default font
- Input tags with input instructions
- Use the email style for the username tag, the password style for the Password card

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- Use color borders of input tags#ccc
- The push button uses color #4CAF50
- Use input tags that match data
- The title is in floral format and has a size of 30px

Question 2: Programming with JavaScript: Use Javascript to perform data checking requirements on a form

DESCRIPTION OF PROJECT AND TASKS

Page Loign

- Check email formatting as users enter data.
- Password validity checks must contain digital, character, special characters, and at least 6 characters.
- When an invalid sign-in email or password disables the sign-in button.

Page add Products

- Product name checks must have at least 2 words.
- Minimum product price from 1,000 and not vacant.
- Product photos are not blank, have extensions, and *.png *.jpg.s

Question 3:

Use the MySQL create database Products:

The database schema:

Table 1 "Account" table properties

Table name: Account		
Properties	Data type	Notes
id_account	INT	
email	VARCHAR(100)	
pass	VARCHAR(100)	
create_date	DATETIME	

Table 2 "Product" table properties

Table name: Product		
Properties	Data type	Notes
id_product	INT	

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Table name: Product		
Properties	Data type	Notes
id_product_category	INT	
id_account	INT	
name	VARCHAR(100)	
image	TEXT	
price	DECIMAL	

Table 3 "Product Category" table properties

Table name: Product Category		
Properties	Data type	Notes
id_product_category	INT	
name	VARCHAR(100)	
description	TEXT	

DESCRIPTION OF PROJECT AND TASKS

Use MySQL database management system to create data structure, binding integrity.
Add 10 news templates for each data table just created.

Question 4: Programming with PHP: Use PHP connected to MySQL to complete the following features

DESCRIPTION OF PROJECT AND TASKS

- Perform sign-in with data from the "Account" table, passwords stored and encrypted as MD5
- When the sign-in is successful, save the sign-in status and navigate to the index page.php
- Check the sign-in status on the **index.php**. If you're not signed in, navigate to the **login page.php**
- Add products and save data to the "Product" table

Assessment guidelines

Student's name	Date of birth	Position
		Web Design

GENERAL TRANSCRIPT

Exam content		Maximum Marks	Achieved Marks
1	Programming with HTML/CSS	30	
2	Programming with JavaScript	30	
3	Use the MySQL	10	
4	Programming with PHP	30	
Total Marks		100	

TEST TIME

Get to know the equipment		Time Duration		Break Time			
Starting time		Starting time		Starting time		Starting time	
Ending time		Ending time		Ending time		Ending time	

TEACHERS' SIGNATURE

1	2	3	4	5