

Zalego Institute of technology
ict youth innovation program
Web design and development test

Name.....

Instruction

Answer ALL questions in section A and any other TWO in section B

Section A (30 mks)

Time : 30 minutes

1. What is a variable. What is the different between variable definition in php and JavaScript (3mks)

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2. What is the difference between **div class container** and **div class container-fluid** (3mks)

[illegible]

3. Write a simple JavaScript program that output sum of two number using window.alert() function (3 mks)

[illegible]

4. State the function of the following git commands (3mks)

- a) `git init`

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- ```
b) git add .
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- c) `Git commit -m`

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5. Explain the function of the following form variable (3mks)

- (a) method

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.....  
(b) action

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.....  
.....  
(c) id

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6. Explain the difference between the following php function (6mks)

a) mysqli\_fetch\_array()

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.....  
b) mysqli\_fetch\_assoc ()

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.....  
c) mysqli\_num\_row ()

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7. What is the difference between **foreach ()** and **while()** loop statements (3mks)

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8. Is php a strongly typed programming language. Explain (3mks)

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9. Explain the function of the following php functions (3mks)

a) header()

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.....  
b) session\_destroy()

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.....  
c) require\_once()

*Section B (40mks)*

*Time:1 hour*

11. Write JavaScript program that output even number between 0 and 100 (20mks)
12. Using switch case, write JavaScript program that output the day of today using window.alert() (20mks)
13. Design and develop a simple student registration system that captures the details of student as (firstname, lastname ,gender,class,address) and send to remote Mysql database. Develop login module of the same system that allows system admin to login and view the record of registered student. On the same login , implement the security feature that will prevent an authorize access to the system either by mysql injection or by change of url. NOTE: gender should be radio button class should be drop-down list and address should be textarea (20mks)