



UNIVERSITY OF EDUCATION, WINNEBA
INSTITUTE FOR TEACHER EDUCATION AND CONTINUING
PROFESSIONAL DEVELOPMENT (ITECPD)



END OF FIRST SEMESTER EXAMINATIONS, APRIL, 2024

LEVEL 300

COURSE CODE: JBT35

COURSE TITLE: WEB AND MOBILE DEVELOPMENT IN EDUCATION

TIME ALLOWED: 2 HRS

STUDENT'S INDEX NUMBER:

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GENERAL INSTRUCTIONS:

- This paper is made up of ONE SECTION.
- The Section is made up of five essay type questions.
- Answer any THREE questions in your answer booklet.
- Each question carries equal marks. You are expected to start each question on a new page.
- You are expected to hand over your answer booklet to the invigilator before you leave the examination hall.

Instruction: Answer any three (3) questions in the answer booklet provided.

1a. Write HTML tags to create a webpage with the following features.

- webpage background colour is "blue"
- Heading one is "Our Word, My Life"
- external link to www.myjoyonline.com using the link text "NEWS"
- list three towns in Ghana using the bullet list
- insert image named bat.jpg

20marks

Q2.

a. Use for loop in JavaScript to write a program to print even number less or

equal to 20.

10marks

- b. Define the following terms
- i. function
 - ii. argument
 - iii. parameter
 - iv. Loop
 - v. variable

10marks

Q3.

- a. If A= 6, B=10 and C=15, what will be the value of the following expressions
- i. $B \% 2$
 - ii. $C + C$
 - iii. $67 - (B * 2)$
 - iv. $(C + B) - 5$
 - v. $A - C$

10marks

- b. Declare 5 variables in JavaScript using different data types and assign values to them.

10marks

Q4.

- a. Write a JavaScript program to print the statement below.
If the date is less than 18, print "We are in April" otherwise "Next month is May":

10marks

- b. (i). State the 3 reasons for using comment in CSS
(ii). Write 2 examples of inline CSS

10marks

Q5.

- a. The JavaScript function below has been mixed up. Rearrange the line of codes correctly to produce this output: **"A function to multiply two numbers in JavaScript" The result is: 12**

```
<!DOCTYPE html> function  
myFunction(p1, p2)  
<html>  
<body>
```

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```
<script>
{
  return p1 * p2;
let result = myFunction(4, 3);
document. write (" The result is: " + result)
</body>
</script>
<h2> A function to multiply two numbers in JavaScript</h2>
}
</html>
20marks
```

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