



UNION CHRISTIAN COLLEGE ALUVA-2



SSR 5th CYCLE 2023



Criterion 1

1.1.1 Curriculum Planning and Implementation



OBE QUESTION PAPER AND SAMPLE ANSWER SHEET

Outcome-Based Education (OBE) is a student-centric teaching and learning methodology in which the course delivery, and assessment are planned to achieve stated objectives and outcomes. Our institution follows the OBE system, through designing Programme Outcomes (PO) Course Outcomes (CO), and PSO (Programme Specific Outcomes).

UNION CHRISTIAN COLLEGE, ALUVA
Second Internal Exam, March 2023 Code: 643

Course Code: CS4CRT11 Course Title: Web Programming using PHP
 Faculty in charge: Gincy Abraham Max Marks: 40 Duration: 1 1/2 Hours

| | | | | |
|-----------------------------------|--|-----------------------------|--|-----------|
| To be filled by the student | | Name of Program: | | Semester: |
| Student Name: <u>ASHVATHOSH K</u> | | Class / Reg No: <u>B2AD</u> | | IV |

Course Outcome
 CO1: To introduce the fundamentals of Internet, and the principles of web design and to develop basic websites using HTML.
 CO2: To style the content created using HTML by Cascading Style Sheets and to build web pages with validation using Java Script objects and by applying different event handling mechanisms.
 CO3: To develop dynamic web pages using PHP and MySQL.

| Sl No | Question | Bloom's Taxonomy (Revised) | CO | Marks |
|--|---|----------------------------|-----|-------|
| Section A: Answer any Five of the following (5x2=10) | | | | |
| 1 | Which HTML tag is used for displaying pictures | Understanding | CO1 | 2 |
| 2 | When is an internal CSS used in HTML document? | Analyzing | CO2 | 1 1/2 |
| 3 | Write short note on tag in HTML. | Understanding | CO1 | 2 |
| 4 | What are hyperlinks in HTML? Give any 2 examples. | Understanding | CO3 | 2 |
| 5 | What are frames in HTML? | Evaluating | CO3 | |
| 6 | What are pseudoclasses in CSS? | Understanding | CO2 | 2 |
| Section B: Answer any three of the following (3x5=15) | | | | |
| 7 | Explain with examples table and lists tags in HTML. | Understanding | CO1 | 5 |
| 8 | Explain the difference between Confirm box and prompt box in JavaScript with proper examples. | Evaluating | CO2 | 4 1/2 |
| 9 | What are different methods for writing CSS. Elaborate it with examples | Analyzing | CO2 | 4 |
| 10 | Write short notes on text formatting tags in HTML. | Understanding | CO1 | |
| 11 | Discuss CSS font properties in detail. | Analyzing | CO2 | |
| Section C: Answer any one of the following (1x15=15) | | | | |
| 12 | Design a registration form and validate it using JavaScript | Evaluating | CO2 | 14 |
| 13 | Explain various operators supported by JavaScript. Give examples | Evaluating | CO2 | |

| | |
|---------------|----|
| Mark Scored | 37 |
| Maximum Marks | 40 |



ADDITIONAL SHEET

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```
<html>
<head>
<script type="text/javascript">
function validate () {
var n = document.regi.fname.value;
var a = document.regi.ag.value;
var p = document.regi.pinc.value;
var f = 0;
if (!isNaN(n)) {
alert("Name is invalid"); f = 1; }
else if (n.length() <= 2) {
alert("Name is valid"); f = 1; }
if (isNaN(a)) {
alert("Age is invalid"); f = 1; }
else if (a <= 17) {
alert("Age is invalid"); f = 1; }
else if (p.length() < 6) {
alert("Pincode invalid"); f = 1; }
if (f == 0) { alert("Form valid"); } </script>
</head>
<h1>Enter Your Details </h1>
<body>
<form name="regi">
<p>Name First Name : </p>
<input type="text" name="fname"> <br><br>
<p>Age : </p>
<input type="text" name="ag"> <br><br>
<p>Pin code : </p>
<input type="text" name="pinc"> <br><br>
<p>Gender : </p> <br>
<input type="radio" value="Male" id="rad"> <br>
<input type="radio" value="Female" id="rad"> <br>
<input type="submit" onclick="validate()">
</form> </body> </html>
```



7. <table> tag

format ↴

```
<table>
<tr> // table row
<th>...</th> first row is heading
<th>...</th>
</tr>
<tr> // New row
<td>... </td> Table Data
</tr> </table>
```

~ Table used for representing data in tabular form.

~ has attributes colspan - width of column
row span - width of row, cell padding, cell spacing, border, etc.

Lists

3 types - unordered, ordered and description list

↳ unordered ↴

```
<ul>
<li>... </li>
<li>... </li>
</ul>
```

Default uses bullets/circles.
types include disc, square, etc.

Ordered ↴

```
<ol>
<li>... </li>
<li>... </li>
</ol>
```

These are numbered lists
the types include upper-roman, lower-roman, upper alpha, lower alpha, numbers, etc.



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description list ↴

```
<dl>
<dt> ... </dt>
<dd> ... </dd>
<dt> ... </dt>
<dd> ... </dd>
</dl>
```

} Would have an item and
it's description.
dt → list term
dd → list term's description.

Confirm box

```
var conf = confirm("Do you want to continue?");
```

~ Confirm box has two options — to continue, "OK" or "cancel"

~ OK returns 'true' and cancel returns 'false'

~ In the above example, 'conf' could either have true or false.

Prompt Box

```
var prom = prompt("Enter your Name");
```

— or —

```
var prom = prompt("Enter your Name", "Here");
```

~ Prompt takes a string as input from the user. The input is stored in the variable.

~ In the second example, there will be a default text "Here" in the text part of prompt.



9. Methods for using CSS

- ~ CSS can be used in an html page in ~~two~~ ^{three} ways
 - Internal
 - External
 - Inline

External

- ~ The css code will be written in a separate document
- ~ This document will be stored with '.css' format
- ~ Any html document can access the file and use its properties.

Code

Internal Inline

- ~ There are ~~two~~ ways we can use Internal ~~method~~ In line method ↓
- ~ Inside a tag → `<p style="text-align:center">`
- ~ This would take effect in that `<p>` tag only
- ~ Or we could define it inside the ~~script~~ Internal `<style>` tag inside `<head>`

```
ex)- <head >
      <style >
      p {
        color : red;
        text-align : center;
      }
```

- ~ This would apply it to all `<p>` tags
- ~ We can apply css properties selectively to certain tags.



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~ for example,

```
h1, p {  
  color: blue;  
  font-family: serif;  
}
```

This would apply to all `<p>` tags and `<h1>` tag.

```
#para1 {  
  color: blue;  
}
```

`<p id = "#para1">`
This is ~~an~~ selectively applying properties using id.

```
.centre {  
  color: red;  
  text-align: center;  
}
```

This is a class
`<p class = "centre">`
`<h1 class = "centre">`

```
p.centre {  
  text-align: center;  
  color: blue;  
}
```

This class can only be used by `<p>` tags.

1. `` tag is used to insert pictures into html.

syntax ↴

```
<img src = " /location /filename . extension -format">
```

ex- ``



2. Internal CSS is used inside the `<style>` tag inside the `<head>` tag. At the beginning of the page.
3. hyperlinks
- ~ They are links that redirect users to other web pages.
 - ~ Done using anchor tag.
``
 - ~ Example 1
` click here `
 - ~ Example 2
` click here `
 - ~ default will be blue text with underline.
 - ~ visited links will be purple colour.
6. pseudo classes
- ~ Pseudo classes are used to style certain instances of a tag.
 - ~ ex :- `a : visited { color : red ; }`
- ~ This would make visited text links appear in red colour.
3. Tags in HTML
- ~ tags can also be styled using CSS.
 - ~ Tags are used to program in HTML.
 - ~ Each document starts with `<html>` tag and ends with `</html>` tag.
 - ~ Other tags include `<body>`, `<head>`, `<p>`, `<table>`, `<h1>`, `<marquee>`, etc.
 - ~ Each tag will have their own attributes.