

UNIVERSITY OF COLOMBO, SRI LANKA



UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY (EXTERNAL)

Academic Year 2013/2014 – 3rd Year Examination – Semester 5

IT5404: Internet Application Development Structured Question Paper

09th March, 2014 (TWO HOURS)

To be completed by th	e candid	late	
BIT Examination	Index	No:	

Important Instructions:

- The duration of the paper is **2 (two) hours**.
- The medium of instruction and questions is English.
- This paper has 4 questions and 13 pages.
- **Answer all questions.** All questions **do not** carry similar marks.
- Write your answers in English using the space provided in this question paper.
- Do not tear off any part of this answer book.
- Under no circumstances may this book, used or unused, be removed from the Examination Hall by a candidate.
- Note that questions appear on both sides of the paper.
 If a page is not printed, please inform the supervisor immediately.

Questions Answered

Indicate by a cross (\times), (e.g. X) the numbers of the questions answered.

	Ques	tion nun	nbers	
To be completed by the candidate by marking a cross (x).	1	2	3	
To be completed by the examiners:				

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Characteristics	Web Pages	Web Services
Transport mechanism		
URLs		
Message Format		
Information types		
Remote Application		
communication		
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What are t	the three typical	l steps involve	d in working v	vith a data file	in PHP?	
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Briefly explain the "fopen ()	" Function.		(4 Ma
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ist three arguments of "fope ANSWER IN THIS BOX			(3 Ma
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Index No					

(d) Briefly explain the values which can be replaced by "r" in the following code; \$fp = fopen("./abc/data.txt", "r");

(5 Marks)

ANSWER	R IN THIS BOX
value	Description

(e) What would be the output of the following PHP code?

```
<?php
for($x=1; $x<3;$x++)

{
    for ($y=1; $y<5;$y=$y + 2)
        {
        for($z=5; $z>3;$z - -)
        {
            echo ("X holds: $x, Y holds:$y, Z holds:$z <br>");
        }
    }
}
```

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ntify the error in the following XML code and make the correction. <pre> <pets></pets></pre>	NCWED IN THIS B	OX	(5 Ma
<pre><pets></pets></pre>	NSWER IN THIS B	<u>ox</u>	
<pre><pets></pets></pre>			
<pre></pre>	ntify the error in the follo	owing XML code and make the correction.	
<pre></pre>		owing XML code and make the correction.	
<pre></pre>	<pets></pets>		
	<pre><pets> <pet name<="" pre=""></pet></pets></pre>		
	<pre><pets></pets></pre>	= "Bunty" type = "dog" age = "4">	
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	<pre><pets></pets></pre>	= "Bunty" type = "dog" age = "4">	
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	<pre><pets></pets></pre>	= "Bunty" type = "dog" age = "4"> = "Kitty" type = "cat" age = "2">	
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	<pre><pets></pets></pre>	= "Bunty" type = "dog" age = "4"> = "Kitty" type = "cat" age = "2">	
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	<pre><pets></pets></pre>	= "Bunty" type = "dog" age = "4"> = "Kitty" type = "cat" age = "2">	

4)

Explain the follow	ing XML code using the relevant line numbers.
1. 2. 3. 4. 5. 6. 7.	<pre><?xml version="1.0" encoding="ISO-8859-1"?> <note></note></pre>
ANSWER IN	·
	e of the DTD in XML? Give the DTD for the example in part (b). (5 Marks)
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