

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2124)

1789

**MCA 4th Semester Examination**  
**Web Technology (NS)**  
**MCA-402**

**Time : 3 Hours**

**Max. Marks : 60**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt one question from each section. Section E is compulsory.

**SECTION - A**

1. What are the different steps to configure Mysql? Explain creating and processing HT form. (12)
2. Explain the output of following code (assume the necessary data) (12)

```
function check_if_html ($url) {  
    $ch = curl_init ($url);  
    curl_setopt ($ch, CURLOPT_RETURNTRANSFER,  
    TRUE);  
    curl_setopt ($ch, CURLOPT_HEADER, TRUE);  
    curl_setopt ($ch, CURLOPT_NOBODY, TRUE);  
    $data = curl_exec ($ch);  
    $contentType = curl_getinfo ($ch, CURLINFO_  
    CONTENT_TYPE  
);  
    curl_close ($ch);  
    if (strpos ($contentType, 'text/html') !==false)  
        return TRUE; // this is HTML, yes!  
    else  
        return FALSE;  
}
```

[P.T.O.]

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**SECTION - B**

3. Write a perl program to demonstrate a simple binary tree implementation using anonymous hashes. (12)
4. Differentiate between `in_array()` and `array_search()` in php. Differentiate between `strpos` and `stripos` in php. (12)

**SECTION - C**

5. What are the advantages of server applications? Write and explain the installing and configuring any web server. (12)
6. What's the Servlet Interface? What type of constraints can Servlet Response interface set on the client? (12)

**SECTION - D**

7. Explain session handling? How one can create and delete session? (12)
8. Explain servlet lifecycle? How does HTTP Servlet handle client requests? (12)

**SECTION - E**

9. Explain:
    - (a) Tapping die.
    - (b) `CGI::carp`.
    - (c) `iValue`. (3×4=12)
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