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| viitlogo | **Vidya Pratishthan’s****Institute Of Information Technology, Baramati****Preliminary Examination, november 2014** |

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| Date: | 31/10/2014 |  |  | Time: | 9.00 a.m. to 12.00 p.m. |
| Class: | MCA III  |  |  | Max. Marks: | 70 |
| Subject: | **it 31 :Advance internet technology** |

***Instructions:***

1. ***Q.1 and Q.7 are compulsory questions.***
2. ***Solve any four form Q.2 to Q.6***

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| Q1. | (a) | Discuss file handling in php with example.  | **[10]** |
|  | (b) | Explain CGI architecture and features of Perl. | **[10]** |
| Q2. | Write JSP program which explains session handling. | **[10]** |
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| Q3. | Write a servlet program to insert online registration details of users for PhD registration. Assume suitable table structure. | **[10]** |
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| Q4.  | Explain spring MVC architecture.  | **[10]** |
| Q5. | Explain JSP Implicit objects and JSP actions with suitable example.. | **[10]** |
| Q6. | Explain AOP , DI and IoC in spring framework. | **[10]** |
| Q7. | Writ short note on :(Any two) a)HQLb) Thread safe servlet.c) JSP directive tags.d)servlet life cycles. | **[5x2=10]** |