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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)HQL  b) Thread safe servlet.  c) JSP directive tags.  d)servlet life cycles. | | **[5x2=10]** |