

| Guru Nanak Dev Engineering College, Ludhiana | | | |
|--|-----------------------------|------------------------------|-------------------|
| Department of Information Technology | | | |
| Program | B.Tech.(IT) | Semester | 4 |
| Subject Code | IT-14404 | Subject Title | Web Technologies |
| Mid Semester Test (MST) No. | 1 | Course Coordinator(s) | Akshay Girdhar |
| Max. Marks | 24 | Time Duration | 1 hour 30 minutes |
| Date of MST | 5 th March, 2018 | Roll Number | |

Note: Attempt all questions

| Q. No. | Question | COs, RBT level | Marks |
|--------|--|----------------|-------|
| Q1 | The level of this question must be from LOTS (as per Revised Blooms Taxonomy-RBT) | CO2, L2 | 2 |
| Q2 | The level of this question must be from HOTS (as per Revised Blooms Taxonomy-RBT) | CO2, L5 | 2 |
| Q3 | The level of this question must be from LOTS (as per Revised Blooms Taxonomy-RBT) | CO2, L3 | 4 |
| Q4 | The level of this question must be from LOTS (as per Revised Blooms Taxonomy-RBT) | CO4, L2 | 4 |
| Q5 | The level of this question must be from HOTS (as per Revised Blooms Taxonomy-RBT) | CO2, L6 | 4 |
| Q6 | The level of this question must be from HOTS (as per Revised Blooms Taxonomy-RBT) | CO4, L6 | 8 |

Course Outcomes (CO)

Students will be able to

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|---|---|
| 1 | Understand the basic tools required for Web designing and applications. |
| 2 | Build HTML5 and CSS3 for designing interactive Webpages. |
| 3 | Analyze the basic operations of an AJAX application. |
| 4 | Develop an interactive website using jQuery. |
| 5 | Acquire the basic usage of PHP construct and its integration with database for developing web modules like, login module, session authentication. |
| 6 | Create and design dynamic web application using contemporary development tools like, MVC framework, WordPress. |

| RBT Classification | Lower Order Thinking Levels (LOTS) | | | Higher Order Thinking Levels (HOTS) | | |
|-------------------------|------------------------------------|---------------|----------|-------------------------------------|------------|----------|
| | L1 | L2 | L3 | L4 | L5 | L6 |
| RBT Level Number | | | | | | |
| RBT Level Name | Remembering | Understanding | Applying | Analyzing | Evaluating | Creating |