*Date of showing evaluated answer books: ………*

No. of Printed Pages: ……..

**HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR**

End Semester Examination

Even Semester, 2017-18

**BCY102: CHEMISTRY**

**Time: 2:30 Hours Max. Marks: 50**

*Note: 1. Attempt all questions.*

*2. All questions carry marks, as shown against them.*

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| --- | --- | --- | --- |
| **Q.No. 1** |  |  | **8** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
| **Q.No. 2** |  |  | **8** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
| **Q.No. 3** |  |  | **8** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
| **Q.No. 4** |  |  | **8** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
| **Q.No. 5** |  |  | **8** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
|  |  |  |  |
| **Q.No. 6** | Exclusively from laboratory component, for theory-cum-laboratory course\* |  | **10** |
| **(a)** |  |  |  |
| **(b)** |  |  |  |
| **(c)** |  |  |  |
| **(d)** |  |  |  |
| **(e)** |  |  |  |
|  |  |  |  |

**Note:-**

1. \* There should be 5 questions (one from each unit) of 8 marks each, from theory component, and one question of 10 marks from laboratory component.
2. There could be internal choice of about 20-25% in each question. Each question shall have multiple parts (maximum 5 parts) with any part of the question not having more than 5 marks.
3. Delete extra rows, if not in use.