

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE – RAIGAD -402 103
Winter Semester Examination — Dec. 2019**

Branch: Information Technology
Subject:- Human Computer Interaction(BTITOE505B)
Date:- 18/12/2019

Sem.:- V
Marks: 60
Time:- 3 Hr.

Instructions to the Students

1. Each question carries 12 marks.
 2. Attempt **any five** questions of the following.
 3. Illustrate your answers with neat sketches, diagram etc., wherever necessary.
 4. If some part or parameter is noticed to be missing, you may appropriately assume it and should mention it clearly
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- Q.1.**
- a) Illustrate human eye with suitable diagram. **06**
- b) Elucidate Human memory in detail **06**
- Q.2.**
- a) Describe any 5 Nielsen's heuristics principle in details. **06**
- b) Enlist three principles that support usability of system. Explain any one in detail. **06**
- Q.3.**
- a) What is Socio-technical models ? Explain any three key stages in CUSTOM methodology . **06**
- b) Illustrate GOMS in detail. **06**
- Q.4.**
- a) Describe Interaction styles ,Explain Direct Manipulation method **06**
- b) Explain in detail Interaction Devices and its applications. **06**
- Q.5.**
- a) How Information will be treated as wealth of human, Describe Information search in detail. **06**
- b) Describe User Documentation with suitable examples **06**
- Q.6.**
- a) What is Hypertext used for, how does Hypertext work **06**
- b) Illustrate Ubiquitous computing also explain its application **06**

Paper End
