

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,  
LONERE – RAIGAD -402 103  
Mid Semester Examination – October - 2017**

**Branch: Group A**

**Sem.:- I**

**Subject with Subject Code: - Basic Civil Engineering (CV105)**

**Marks: 20**

**Date: - October 4, 2017**

**Time:- 1 Hr.**

**Instructions:-**

1. Illustrate your answers with neat sketches, diagrams etc. where ever necessary.
2. Necessary data is given in the respective questions. If such data is not given, it means that the knowledge of that data is a part of the examination.
3. If some part or parameter is noticed to be missing, you may appropriately assume it and should mention it clearly.

(Marks)

**Qu. 1 Select appropriate answer for the given multiple choice questions.**

(6 x 1 = 6)

i) Black cotton soil is not suitable for foundation because of its.....

- |                            |                          |
|----------------------------|--------------------------|
| (a) black colour           | (b) low bearing capacity |
| (c) non-cohesive particles | (d) none of these        |

ii) Verticality of walls is checked by using.....

- |               |                   |
|---------------|-------------------|
| (a) square    | (b) spirit level  |
| (c) plumb bob | (d) none of these |

iii) The vertical faces of a door opening which support frame of the door, are.....

- |             |            |
|-------------|------------|
| (a) jambs   | (b) posts  |
| (c) reveals | (d) styles |

iv) The commonly used material in the manufacture of cement is.....

- |                |              |
|----------------|--------------|
| (a) sand stone | (b) slate    |
| (c) lime stone | (d) graphite |

v) Seasoning of timber is done.....

- |                              |                        |
|------------------------------|------------------------|
| (a) to make it water proof   | (b) paints its surface |
| (c) increase its temperature | (d) remove water       |

vi) Bulking of sand is caused due to.....

- |                      |                   |
|----------------------|-------------------|
| (a) surface moisture | (b) air voids     |
| (c) clay contents    | (d) none of these |

