

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA
MID-SEMESTER EXAMINATION, November-2014

Building Acoustics
3rd Semester (B.Arch)

Time: 2.00 hours

Full marks: 20

Answer any five questions (Question No. 7 is compulsory)

1. What are the acoustical design problems? (4)
2. Define reverberation time with its mathematical formula. (4)
3. Explain transmission, absorption, reflection and diffusion with figure. (4)
4. Distinguish between dead and live room. (4)
5. Explain briefly about the various type of acoustical material. (4)
6. What do you understand by the term building acoustics? (4)
7. Write short notes: (1 x 4)
 - Reverberation Time
 - Intimacy
 - Warmth
 - Ensemble