

Master of Architecture First Year Second Sem. Examination, 2018**ADVANCED LANDSCAPE ARCHITECTURE**

Time: Three hours

Full Marks: 100

ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.**NOTE:**

- Credit will be given to appropriate sketches and illustrations, gist and to-the-point answers.
- Blank and unused pages in between answers will be discredited.

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| 1. | Explain how knowledge of landscape ecology can help in sustainable urban design. | 20 |
| 2. | Write a note on the concept of public parks/ park system with any suitable example. | 10 + 10 = 20 |
| 3. | Elucidate the attributes of landform that affect spatial perception. Explain the process of grading with respect to any one of the two with reasons: (i) road (ii) playground | 10 + 10 = 20 |
| 4. | Elaborate the need and methods of best practices in urban storm water management with particular reference to any one of the methods. | 5+7+8 = 20 |
| 5. | Enumerate the ill-effects of landscape illumination on environment. Suggest relevant remedial measures for each. | 10 + 10 = 20 |
| 6. | Differentiate between (any two): iv. Grey and Green infrastructure v. Design use of water in historic and modern architecture vi. Planting rationale for roads/avenues etc. vis-à-vis residential areas | 10 + 10 = 20 |
| 7. | Write short notes on (any four): <i>a.</i> Signage systems, <i>b.</i> Circulation control in open spaces, <i>c.</i> Keystone and Pioneer species, <i>d.</i> Physical protective barriers, <i>e.</i> SAPCC, <i>f.</i> SDG17 | 5 x 4 =20 |