



Visvesvaraya Technological University
Belagavi, Karnataka - 590 018.



[Signature]
20/7/2021

Scheme & Solutions

Signature of Scrutinizer

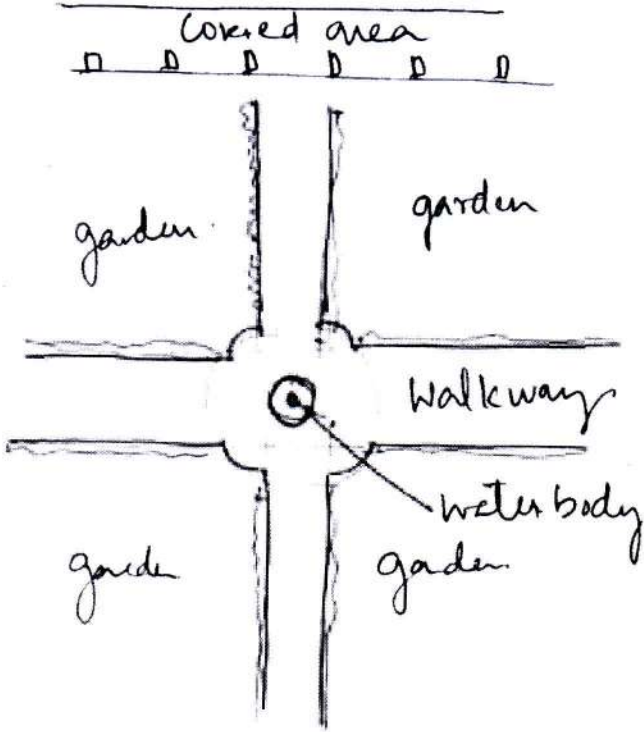
Subject Title: LANDSCAPE ARCHITECTURE


Subject Code: 18ARC 6.6

Question Number	Solution	Marks Allocated
Q1.	Earth - shape, revolution, rotation, orbit Seasons, Sunrays, duration of night & day. climate / weather - various forest covers, plant adaptation various settlements like coastal belt, -fisherman, hunters - tribes, eskimos etc. relevant sketches	5. 10. 5. <hr/> 20.
Q.2.a	Urban flooding. water problems - ground water depletion. pollution - air, water, soil. etc. Sewage. Mixed solid waste. Smog etc.	10. ↓ 5+5.

Question Number	Solution	Marks Allocated										
b.	<p>Incorporating various sustainable features like.</p> <p>Rain water harvesting, increasing green cover, Urban forests, open spaces etc.</p> <p>Design Consideration like contours, natural features, vegetation, climate etc.</p>	<p>2.5x4.</p> <hr/> <p>10</p>										
<u>Module 2.</u>												
3.	<p>Architecture influenced by nature/climate like, sloped roof usage, courtyards in hot and dry place, stilt houses in flood plains, mat houses in earthquake prone area, ice igloos etc. also a small brief on material use and construction if needed.</p>	<p>4x5</p> <hr/> <p>20</p>										
H.	<p><u>Documenting</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Hard data</u></td> <td style="width: 50%;"><u>Soft data.</u></td> </tr> <tr> <td>Location</td> <td>views available</td> </tr> <tr> <td>Climate</td> <td>negative & positive elements.</td> </tr> <tr> <td>Sun path</td> <td>etc.</td> </tr> <tr> <td>contours.</td> <td></td> </tr> </table>	<u>Hard data</u>	<u>Soft data.</u>	Location	views available	Climate	negative & positive elements.	Sun path	etc.	contours.		<p>5x4.</p> <hr/> <p>20.</p> <p>around 5 to 6 pgs.</p>
<u>Hard data</u>	<u>Soft data.</u>											
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contours.												

Question Number	Solution	Marks Allocated
<p>5.</p>	<p style="text-align: center;"><u>Module 3.</u></p> <p>5. Use of various elements to articulate outdoor spaces like use landform to create mounds etc.</p>	<p style="text-align: center;">20.</p> <p>Minimum 8 pgs Sketches</p>

Question Number	Solution	Marks Allocated
6	<p>Sketches of various (any two for each type)</p> <p>(a) benches, lamp post, dust bins, sign board etc</p> <p>(b) various paving types stones, cement, clay etc</p> <p>(c) wooden trellis, M.S etc back drop, climber for plants etc</p> <p>(d) gazebos, pavillions, pergolas etc.</p>	<p>4x5 = 20</p>
7.	<p>Mughal garden</p> <p>Concept of paradise, use of water, walkways, shaded pavillians, jallis etc</p> <p>ex. Shalimar gardens, Nishat bagh, Lal bagh</p> 	<p>10 + 10 = 20</p>

Question Number	Solution	Marks Allocated
8.	<p>Ex. for. Turenscape Practise. Project name: Shanghai Houtan Park, Shanghai <u>Site features.</u> Was brown field site, land reclaimed, polluted water and land cleared, flooding plains created to address frequent floods, converted to positive community space.</p> <p><u>Design features.</u> Wetland. Just a park, recreation value adds economical value cleans the polluted air and water, helps control flood.</p>	<p>10 + 10.</p>
	<p><u>relevant matches to be included.</u></p>	<p>20.</p>
9.	<p><u>Module 5.</u> O.A.T. = open air theater. </p>	<p>10. +</p>
	<p><u>Uses:</u> events, congregation, meetup point, social activities, interaction space, spill over area.</p>	<p>10. 20.</p>
10.	<p>Kindergarten school outdoor space typology activity chart - play areas, anthropometric consideration, plants, safety factors etc.</p>	<p>5 5 10</p>