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Scheme & Solutions

Signature of Scrutinizer

Subject Title : HISTORY OF ARCHITECTURE - I

Subject Code : 21ARC14

Question Number	Solution	Marks Allocated
Ans 1.a	<p>Prehistory coined by French scholars, time before people recorded history in writing.</p> <ul style="list-style-type: none"> <li>• <del>the</del> longest period. Lasted 400,000 years</li> <li>• Also called stone Age, absence of metal implements. occurred from human habitation of earth to 9000 BC.</li> <li>• Not restricted to any particular geographic region</li> <li>• Occurred close to sources of food, water</li> </ul>	<p>Notes 05 marks</p>
1.b	<p>Oval Hut, Tongue hut, Barbuti hut, Lapp Tent, etc Notes &amp; Sketches</p>	<p>Notes 08 Sketches 07</p>
2.a	<p>Kenpe - circular / oval shaped flat area enclosed by a boundary of earthwork. (internal ditch / external bank) Single ditch or pair of concentric ditches surrounding central area</p>	<p>Notes 2 marks Sketches 3 marks 5 marks</p>
b.	<p>Stone circle monument, cemetery. Religious site / expression of power and priests aristocrats buried close by aligned on movement of sun, observing sun and moon, to create farming calendar world of ancestors. constructed out of</p>	<p><del>Sketches</del> Notes Sketches 3 marks 15 marks</p>

Question Number	Solution	Marks Allocated
3a	<p>Grid Iron planning pattern of streets and roads. Division of town as citadel / lower town.</p> <p>city walls and drainage systems.</p> <p>materials used.</p> <p>Types of buildings - Housing / public bldgs</p> <p>Atleast 10 pts</p>	<p>Notes</p> <hr/> <p>5m</p> <p>Sketches</p> <hr/> <p>5m</p> <hr/> <p>10m</p>
b.	<p>Public water tank, located in the citadel, made of burnt bricks, has rooms with verandahs and bathrooms.</p> <p>Great Bath sketch of Plan</p> <p>Largest buildings, used to store crops</p> <p>Divided into 27 compartments &amp; 3 rows.</p> <p>Great Granary sketch of Plan</p>	<p>5m.</p> <hr/> <p>+</p> <p>5m</p> <hr/> <p>10m</p>
4a	<p>cradle of civilization - First place of complete urban centers.</p> <p>Valley between Tigris &amp; Euphrates.</p> <p>fertile crecent → Explain</p>	<hr/> <p>05 marks</p> <hr/>
b.	<p>Ziggurat stepped pyramid with a temple at top.</p> <p>- Terraces receding on levels.</p> <p>- materials used for construction</p> <p>Sketches.</p>	<hr/> <p>+</p> <p>Notes</p> <p>05m</p> <p>Sketches</p> <p>10m</p> <hr/> <p>15m</p>
		<hr/> <p>Total</p> <p>20m</p>

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5 a	<p>Banpo - Neolithic near Yellow River valley            Stone tools, tombs, kilns, storage pits and foundations of buildings.            Ditch enclosed settlement surrounded by moat.            Houses dug 1m below ground. walls made of wood &amp; topped by thatch roof.            Circular building oval shaped etc. Cemetery outside village and a was a pottery village</p>	<p>Notes + Sketches            5            +            5            -----            10</p>
d.	<p>Shang Dynasty - oldest dynasty mastered bronze manufacturing            Built cities, irrigation, developed a writing system            Belief in afterlife, Shang tombs have artefacts according to their social position.</p>	<p>Notes + Sketches            5            +            5            -----            10</p>
A	<p>Royal cemeteries for kings &amp; present            And <sup>equal</sup> tombs were one large pit and contained wooden chambers and laquered. Structure built over the tomb for holding ceremonies.</p>	<p>-----            10</p>
B. a	<p>Kofun burial mounds in Japan            3rd to 7th Century, earthen mounds contained large stone burial chamber surrounded by moats. Shapes of round, square, scallop shell &amp; keyhole            keyhole is unique - square front &amp; round back. Range from few meters to 400m long            unglazed pottery figures buried</p>	<p>Notes + Sketches            5            +            10            -----            15</p>
b.	<p>Climate → long hot summers, hence raised sldgs, lightweight structures            1. good shelter for resisting earthquake</p>	<p>05</p>

Question Number	Solution	Marks Allocated
8a	<p>Culture - Aryavastha - Aryan or vedic culture. Sanskrit language, Literature - The Vedas &amp; Puranas Rig, Yajur, Sama &amp; Atharva Upanishads.</p> <p>Architecture Vastu Purusha Mandala</p> <p style="text-align: center;">↓</p> <p>Cosmic &amp; cardinal principles, directions. Pandita Maheshwara's Grid plan in houses/palaces courtyards</p> <p>b. Various types of residential houses. Dandaka, Vaidhamana etc for various castes straw/seed infomed mud walls, cowdung plaster, thatch roof etc. Wood construction</p> <p>Classification of society into four categories led to development of different residences designs &amp; layout</p>	
7	<p>Mycenae examples - Gate &amp; Treasury of Athens, Palace of Tiryns, etc →</p> <p>Persia - Tomb of Cyrus / Palace of Persepolis etc →</p>	<p>Notes sketches 10</p> <p>+ Notes sketches 10</p>
		<p>20m</p>

Question Number	Solution	Marks Allocated
<p>9</p> <p>a</p>	<p>Examples - Bedouins, <del>MMA</del> Mongolia, India, American desert settlements</p> <p>Around a water source, nomadic lifestyles of some desert settlements etc.</p>	<p>Notes + sketches</p> <p>12</p>
	<p>b. Tribes of India/ world</p> <p>Forest environment - wood usage water usage and culture based on community, forest dieties etc and close groupings.</p>	<p>08 notes + sketches</p>
<p>10</p> <p>a)</p>	<p>Andean civilizations Wari, Incas - <u>Machu Picchu</u></p>	<p>Notes + sketches</p> <p>12m.</p>
<p>b.</p>	<p>Mayan temples - (Mexico, Guatemala etc) Pyramid temples, flat tops and stairs on all 4 sides leading to the top.</p> <p>Stepped formation etc</p>	<p>08</p>
<p>APPROVED</p> <p>BE</p>		<p>Total 20m</p>