

1

14

P

Scoring Indicators

Code

Version (15) 5014

Qn:No	Scoring Indicators	Split score	Total score																																			
	<u>Quantity Surveying - II</u>																																					
I	PART. A.																																					
	1. 0.6 x eaves span.	2																																				
	2. A structure having a linear water way upto 6m is called a culvert. Above 6m and upto 30m linear water way is known as minor bridge and more than 30m is known as major bridge.	2																																				
	3. Length + hook length = $l + 18d$.	2																																				
	4. 40D to 45D where D is the dia of bar.	2																																				
	5. The fund which is gradually accumulated by way of periodic or annual deposit for the replacement of the building or structure at the end of its useful life is termed as sinking fund.	2	10.																																			
	PART. B.																																					
II	<table border="1"> <thead> <tr> <th>Description</th> <th>N</th> <th>L</th> <th>B</th> <th>H</th> <th>Qty</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Earth-filling Hall</td> <td>1</td> <td>2.65</td> <td>4.95</td> <td>0.35</td> <td>4.59</td> <td></td> </tr> <tr> <td>Bed & Toilet work in kitchen</td> <td>3</td> <td>2.25</td> <td>3.65</td> <td>0.35</td> <td>7.21</td> <td></td> </tr> <tr> <td>Kitchen</td> <td>1</td> <td>2.65</td> <td>2.25</td> <td>0.35</td> <td>2.09</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>13.89 m³</u></td> </tr> </tbody> </table>	Description	N	L	B	H	Qty	Total	Earth-filling Hall	1	2.65	4.95	0.35	4.59		Bed & Toilet work in kitchen	3	2.25	3.65	0.35	7.21		Kitchen	1	2.65	2.25	0.35	2.09								<u>13.89 m³</u>		2 + 2 + 2 = 6
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2.	<p>Eaves length = $9.9 + 0.4 + 1.2 = 11.5m$ ✓ eaves span = $6 + 0.4 + 1.2 = 7.6m$ ✓ No of common rafter = $\frac{\text{Eave length}}{\text{Spacing}} + 1$ ✓ $= \frac{11.5}{0.5} + 1 = 24 \text{ Nos.}$ ∴ No of common rafter = $2 \times 24 = 48 \text{ Nos.}$ ✓</p> <table border="1"> <thead> <tr> <th>Description</th> <th>N</th> <th>L</th> <th>B</th> <th>H</th> <th>Qty</th> <th>↑ Qty.</th> </tr> </thead> <tbody> <tr> <td>Wood work Comm. rafter</td> <td>48</td> <td>4.56</td> <td>0.05</td> <td>0.125</td> <td>1.368</td> <td>$\frac{3}{1.368m}$</td> </tr> </tbody> </table> <p>Length of CR, $0.6 \times \text{eaves span} = 0.6 \times 7.6 = 4.56m$</p>	Description	N	L	B	H	Qty	↑ Qty.	Wood work Comm. rafter	48	4.56	0.05	0.125	1.368	$\frac{3}{1.368m}$	1 1 1 1	6							
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4.	<p>The joints of brick work shall be raked out to a depth of 20mm and the surface of the wall washed and cleaned and kept wet for two days before pointing. The materials of mortar cement and sand or lime and surki or st sand, or kanken lime as specified, shall of standard specification. The materials shall be first</p>																							

