

This is regarding publishing of key and validation by involving the candidates who had appeared for the examination for the post of Lecturer (Civil, CSE & Maths), The key was uploaded in the website and press note was issued for the information of all the candidates so that they can verify the answers and submit their view point in the event of any disagreement. We have received complaints from four candidates related to the answers for the question paper for the post of Lecturer (Civil Engineering). The same has been sent to the source from where the question paper and answer key was received. They have cross verified and given comments against each complaint. The details are as under: -

Sr. No	Name of the Post	Name of the Candidate	Roll No.	Question No.	Option	Justification	Clarification	Proposal
1	Lecturer CE	Amit Kumar Baroi	327	18	No Answer (120)	Answer given is wrong. Slenderness ratio is = $(L / \text{Least width}) = 300/2.5 = 120$	Answer is 120	No option is correct. This question shall not be evaluated and the total number of question will be accordingly calculated.
				26	No Answer	Repetition of Options. Correct answer is = 4/3	<b>Option D</b> (incorrectly printed) is correct i.e 4/3.	No option is correct. This question shall not be evaluated and the total number of question will be accordingly calculated.
				36	B and C both	Because in slabs minimum reinforcement is 0.12% for HYSD bars and 0.15% for mild steel. IS 456: clause 26.5.2.1	Minimum grade of steel used in RCC work as per IS 456:2000, is FE 415 and Hence % steel is 0.12 % of gross cross sectional area. <b>Option 'B' is correct.</b>	No action required.
				97	No Answer	Question is incomplete. Expected turnout in how many days and with what ratio of given mortar.	Expected turnout of 12mm plastering with cement mortar is 8 sq.m ( Ref: Estimation and costing by B N Dutta , page 484) <b>Option 'D' is correct.</b>	No action required.
2.	Lecturer CE	Safrina Sadique	131	10	Either A or C	Leveling head consists of trivet, tribarch and foot screws. Option B had "leveling head or tribarch". Neither leveling head is called tribarch nor does tribarch	<b>Option 'D' is correct.</b>	No action required

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						sit first in tripod stand. Its trivet that sits first in tripod stand. So left with two options that could be right. A and C. Can choose anyone since both are right (Ref : Surveying by NN Basak)		
				26	Either C or D	Both options have same value of 3/4	Option D (incorrectly printed) is correct i.e 4/3.	No option is correct. This question shall not be evaluated and the total number of question will be accordingly calculated.
				40	Option C	As per IS 456, Cl 22.2 for simply supported its minimum of (Clear span + eff depth of beam / slab) or (centre to centre of supports)	<b>Option 'C' is correct.</b>	<b>No action is required.</b>
				72	Option B	As per IS 1172, Cl 4.1 Atleast 70 to 100 ltr/head/day is considered adequate for domestic purposes. But the option D of 135 ltr is applicable to specific LiG and EWS only. In the question it was not asked for a particular section of society. Hence option B is appropriate.	As per IS 1172-1993, Page no. 7 Section 4. Which is revision of 1172-1963 In general average domestic water consumption is 135 ltr/head/day. (Ref: Water supply Engineering by S.K. Garg.) <b>Option D is correct.</b>	No action is required.
				75	Option C	PVC pipes withstand 100psi. $1 \text{ m} = 1.42 \text{ psi}$ . So $100 \text{ psi} = 100/1.42 = 70.42 \text{ m}$ ~ 75 m is the closest value hence option C is appropriate. Ref: Plastic Piping handbook by David Willough.	The P.V.C pipe can withstand pressure depending upon the size, schedule and temperature. Amongst the options the maximum is 100 m hence is appropriate. <b>Option D is correct</b>	No action is required.
				84	Option B	Bar graph is represented with horizontal lines and not crosses. And when it does	<b>Option B is correct</b>	No action is required.

