



**RAILWAY RECRUITMENT CELL – WESTERN RAILWAY,
WESTERN RAILWAY PARCEL DEPOT,
ALIBHAI PREMJI MARG, GRANT ROAD (EAST), MUMBAI – 400 007.**

WEBSITE : www.rrc-wr.com

NOTICE reg. Cancelled Questions / Correction in Answer Key / Normalization Formula

Sub : GDCE 01/2019 & 2/2019 for the post of Junior Clerk /Trains Clerk, Commercial Clerk.

Ref : Notice dated 17-10-22 for viewing normalized marks & other details

1. In continuation to Notice referred above, details regarding no. of cancelled questions, changes in answer key, formula adopted for normalization is given below for information.
2. Cancelled Questions / Correction in Answer Key

Date of CBT	Question ID of Cancelled questions	Question ID for which Answer Key corrected
29-4-2022	14408345,14408375, 14408388,14408389 Total - 4	14408311,14408335,14408347, 14408351, 14408370 Total - 5
02-05-2022	144083147,144083184, 144083185,144083187, Total -4	144083158,144083171 Total - 2

3. Marks obtained / Raw Score , Prorated Score , Normalized marks

Marks obtained / Raw Score	(Correct answer x marks per question)-(wrong answer x negative marks per question)												
Prorated Score	(Total marks) / (Total marks-Count of cancelled question marks)x (Marks Obtained /Raw Score)												
Normalized marks	<table border="1"><thead><tr><th>Exam Shift</th><th>Shift Average</th><th>Shift Std</th><th>Shift Count</th></tr></thead><tbody><tr><td>29th April 2022</td><td>44.68006993</td><td>17.89907805</td><td>3603</td></tr><tr><td>2nd May 2022</td><td>44.76397234</td><td>16.7364742</td><td>3661</td></tr></tbody></table>	Exam Shift	Shift Average	Shift Std	Shift Count	29 th April 2022	44.68006993	17.89907805	3603	2nd May 2022	44.76397234	16.7364742	3661
	Exam Shift	Shift Average	Shift Std	Shift Count									
	29 th April 2022	44.68006993	17.89907805	3603									
	2nd May 2022	44.76397234	16.7364742	3661									
To calculate normalized marks (Xn) of each candidate, following formula is used.													
$Xn = \frac{S2}{S1} * (X - Xav) + Yav$													
S2	Is the Standard Deviation of the base shift												
S1	Standard Deviation for the candidate shift (to be scaled to S2)												
X	Prorated Score												
Xav	Simple average of the candidate Shift												
Yav	Average of the base shift												
Base Shift : 29th April 2022													
For all candidates of Base Shift, Prorated Score = Normalised marks													

4. Employees may note that this NOTICE will be available **upto 25-10-2022 @ 23.55 Hrs.** They are also are advised to view & download their normalized marks and other details by login through link given in the Notice dated 18-10-2022 upto 25-10-2022 @ 23.55 Hrs.

Date: 20-10-2022

DY CPO (Gaz)