



Mahatma Gandhi Vidyamandir's  
**Karmaveer Bhausaheb Hiray Dental College & Hospital**  
Panchavati, Nashik-422003

30/06/2024

NEET percentile scores of students enrolled for the BDS programme for the year 22-23.

Number of students enrolled for the BDS programme during the preceding academic year	Range of NEET percentile scores	Mean NEET percentile	SD- NEET percentile Score
100	95.22 to 40.54	77.97	11.76

**COMPUTATION OF Z - SCORE**

X College (mean NEET college score) = 77.97

X National (mean NEET National score) = 50

σ (National level SD) = 11.76

n (number of students admitted in preceding year) = 100

Computation of Z score =


**Formula:** 
$$Z = \frac{X(\text{College}) - X(\text{National})}{\sqrt{\frac{\sigma^2}{n}}}$$

$$Z = \frac{77.97 - 50}{\sqrt{\frac{11.76^2}{100}}}$$

$$Z = \frac{27.97}{0.34}$$

$$Z = 82.26$$

**Z Score Value = 82.26**

  
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