Formula for calculation of merit

(i) The merit shall be worked out as per the regulations of Pakistan Medical and Dental Council (PMDC), and shall be based on the aggregate percentage of the candidates worked out by adding the marks in the following ratio:

Matriculation (SSC or Equivalent)	–	10%
HSSC/F.Sc (Premedical or Equivalent)	–	40%
Entrance Test	–	50%

(ii) The Formula for calculation of merit is as follows:

Step – I

$$\frac{\text{Marks obtained in SSC /Equivalent}}{\text{Total marks of SSC/Equivalent}} \times 1100 \times 0.10 = 10\% \text{ of SSC/Equivalent}$$

Step – II

$$\frac{\text{Marks obtained in HSSC /Equivalent}}{\text{Total marks of HSSC/Equivalent}} \times 1100 \times 0.40 = 40\% \text{ of HSSC/Equivalent}$$

Step – III

$$\frac{\text{Marks obtained in Entrance Test /SAT II/MCAT}}{\text{Total marks of Entrance Test /SAT II/MCAT}} \times 1100 \times 0.50 = 50\% \text{ of Admission Test}$$

Step – IV

10% SSC/Equivalent + 40% HSSC/Equivalent +50% Admission Test = Aggregate Marks

Step – V

$$\frac{\text{Aggregate Marks}}{1100} \times 100 = \text{Aggregate Percentage}$$

Example 1 :

Marks obtained in Matriculation = 992 / 1050
Marks obtained in HSSC/FSc = 980 / 1100
Marks obtained in Entrance Test = 970 / 1100

By applying the aforementioned formula:

992 / 1050 x 1100 x 0.10 = 103.92
980/1100 x 1100 x 0.40 = 392
970/1100 x 1100 x 0.50 = 485

Aggregate Marks = 103.92 + 392 + 485 = 980.92

Aggregate Percentage = 980.92 / 1100 x 100 = **89.1745**

Example 2 (For Overseas / Dual Nationality Holders Seats):

Equivalence of O-Level	= 812/900
Equivalence of A-Level	= 925/1100
SAT II Score	= 2100/2400
812/900 x 1100 x 0.10	= 99.24
925/1100 x 1100 x 0.40	= 370
2100/2400 x 1100 x0.50	= 481.25
Aggregate Marks	= 99.24 + 370 + 481.25 = 950.49
Aggregate Percentage	**= 950.49/1100 x 100 = 86.4081**

(iii) Final calculation in percentage will be rounded up to four decimal points.