

T2-Practical Geometry
Model Question Paper V
8th Standard

Maths

Reg.No. :

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I. Answer all the questions

Time : 01:30:00 Hrs

Total Marks : 40

5 x 2 = 10

Part-A

- 1) Construct a rhombus PQRS with PQ = 6 cm and PR = 9 cm and find its area.
- 2) Construct a rhombus PQRS with PR = 8 cm and QS = 6 cm and find its area.
- 3) Construct a rhombus ABCD with AC = 7.5 cm and $\angle A = 100^\circ$. Find its area.
- 4) Construct a rectangle having adjacent sides of 6 cm and 4 cm and find its area.
- 5) Construct a square of side 5 cm. Find its area also.

Part-B

10 x 3 = 30

- 6) Draw rhombus BEST with the following measurements and calculate its area.
BE = 6 cm and ET = 8.2 cm.
- 7) Draw rhombus BEST with the following measurements and calculate its area.
BE = 7.5 cm and $\angle E = 65^\circ$
- 8) Draw rhombus BEST with the following measurements and calculate its area.
BS = 6.8 cm and ET = 8.4 cm.
- 9) Draw rhombus BEST with the following measurements and calculate its area.
ET = 9 cm and $\angle E = 70^\circ$
- 10) Construct rectangle JUMP with the following measurements. Find its area also.
JP = 4.2 cm and MP = 2.8 cm
- 11) Construct rectangle MORE with the following measurements. Find its area also.
MO = 5 cm and diagonal MR = 6.5 cm.
- 12) Construct rectangle MORE with the following measurements. Find its area also.
ME = 4 cm and diagonal OE = 6 cm.
- 13) Construct square EASY with the following measurements. Find its area also.
Side 3.8 cm.
- 14) Construct square GOLD, one of whose diagonal is given below. Find its area also.
3.7 cm
- 15) Construct square GOLD, one of whose diagonal is given below. Find its area also.
7 cm
