## BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA CLASS -X (MATHEMATICS) Assignment 2 (ANSWER KEY)

| 1. | A: 3median |
| :---: | :---: |
| 2. | B: 3/4 |
| 3. | A: No solution |
| 4. | B |
| 5. | $\mathrm{F} 1=8$ and $\mathrm{F} 2=12$ |
| 6. | Put the value of $x$ and $y$ in $x^{2}+y^{2}$ Solve the algebraic identities Then apply trigonometry identity |
| 7. |  |
| 8. | CASE STUDY: <br> A. $\begin{aligned} & X+y=30--------(1) \\ & Y=x+10-----(2) \end{aligned}$ <br> B. On solving $x=10, y=20$ <br> Points scored by raiders $2(20)=40$ <br> C. Points scored by defenders $1(10)=10$ <br> D. Total scores 50 |

