

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A. $\cos(90^\circ - A) =$
 (a) $\sin A$
 (b) $\tan A$
 (c) $\cos A$
 (d) $\operatorname{cosec} A$
- B. Which of the following cannot be probability of an event?
 (a) $\frac{1}{3}$
 (b) 0.1
 (c) 0.03
 (d) $\frac{17}{16}$
- C. The class-mark of the class 130-150 is
 (a) 130
 (b) 135
 (c) 140
 (d) 145
- D. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through ?
 (a) 140°
 (b) 145°
 (c) 155°
 (d) 175°
- E. Which of the following is not a criterion for congruence of triangles?
 (a) SAS
 (b) ASA
 (c) SSA
 (d) SSS

- F. In $\triangle ABC$, $BC = AB$ and $\angle B = 80^\circ$. Then $\angle A$ is equal to
 (a) 80°
 (b) 40°
 (c) 50°
 (d) 100°
- G. How many side does an octagon have ?
 (a) 7
 (b) 8
 (c) 9
 (d) 10
- H. In the following question, select the odd word form the given alternatives
 (a) White
 (b) Yellow
 (c) Alloy
 (d) Green
- I. The range of the data: 25, 18, 20, 22, 16, 6, 17, 15, 12, 30, 32, 10, 19, 8, 11, 20 is
 (a) 10
 (b) 15
 (c) 18
 (d) 26
- J. If in a certain language A is coded as 1, B is coded as 2 and so on, how is B I D D I C coded in that code?
 (a) 294493
 (b) 284563
 (c) 375582
 (d) 394492