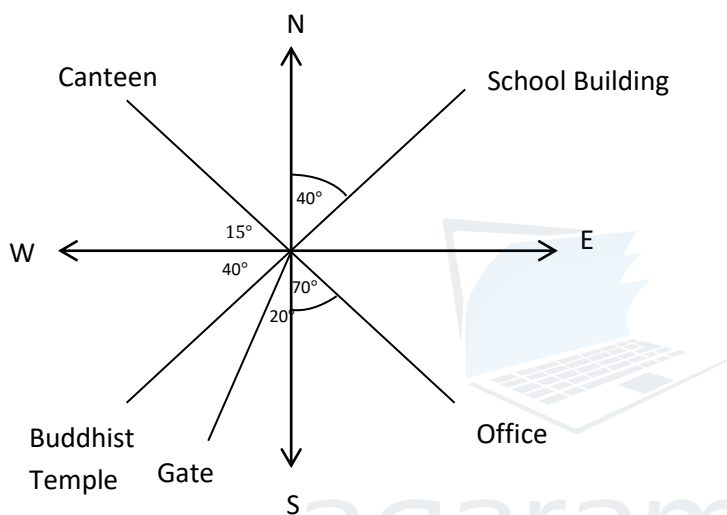**Nalanda College – Colombo 10**
Unit Test
Mathematics – 2020
Grade - 8

Time – 01 hours

24 – Location of a Place

(1) Write the direction of each place given in the following figure with respect to the point O , using the North direction and South direction.

(2) Draw a sketch diagram using the information given below, from the place O.

(i)	Gate	-	From North
(ii)	Classrooms	-	From South
(iii)	Tank	-	N 30° W
(iv)	Canteen	-	S 45° E
(v)	Library	-	S 50° W

(3) A ship in part P will be going to part Q at the east and reach part R in the south.

When viewed from P part R is located in a southeast direction. Draw a sketch diagram of the ship from P to R using the given information.

(4) In a city, the bank is located 5 km north from Bus station . Hospital is located 7 km, in the direction S 70° E from the Bank Post office is located at 4 km, in the direction of S 20° E from the hospital. Draw a sketch based on the above information.

(5) Two telephone poles A and B are located 5 km apart.

    (i)   C situated 3 km from A in the direction N 30° E

    (ii)   C situated 4 km from B in the direction N 60° W

Draw a sketch based on the above information.