

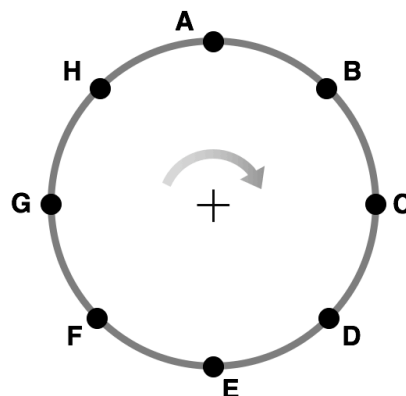
Questions

Apprentice Difficulty Level

Question Group 1

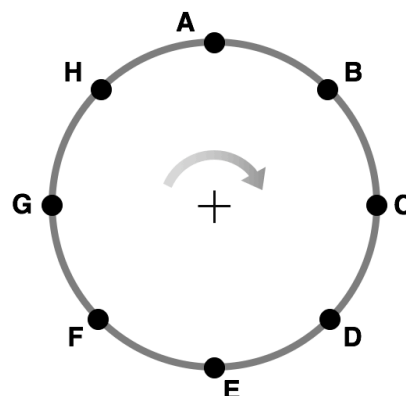
Question 1

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location A**.



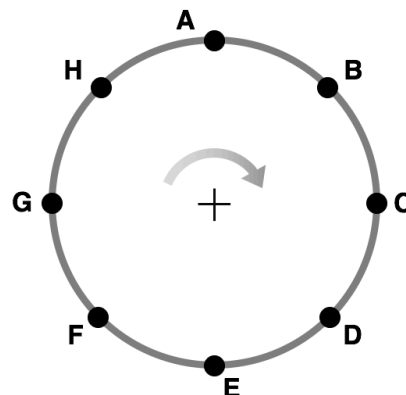
Question 2

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location C**.



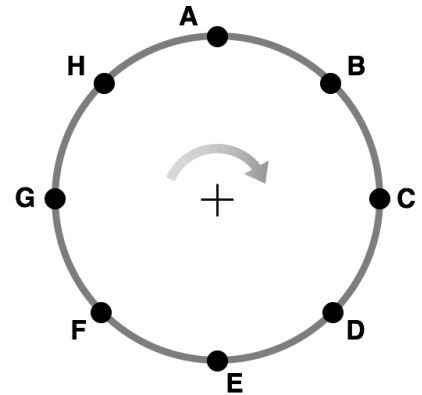
Question 3

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location E**.



Question 4

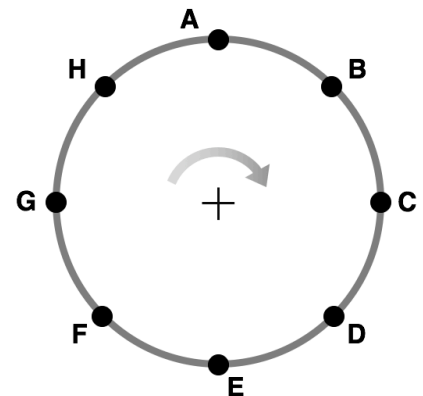
An object is moving clockwise along the circular path as shown.
Identify the direction of the **velocity vector** at **Location G**.



Question Group 2

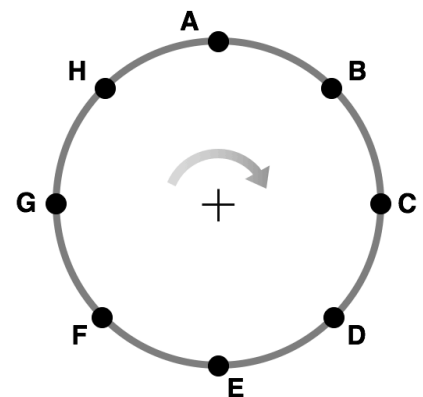
Question 5

An object is moving clockwise along the circular path as shown.
Identify the direction of the **velocity vector** at **Location B**.



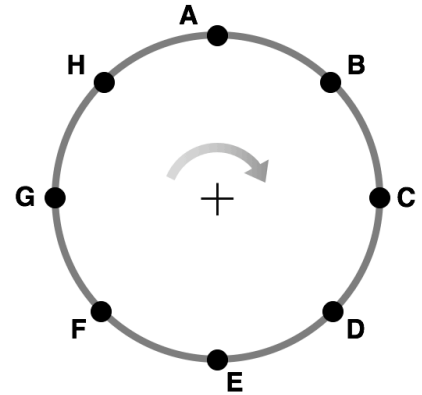
Question 6

An object is moving clockwise along the circular path as shown.
Identify the direction of the **velocity vector** at **Location D**.



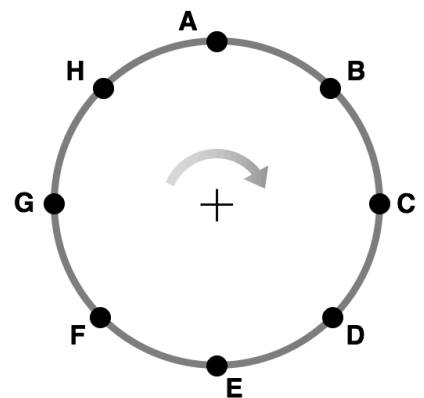
Question 7

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location F**.



Question 8

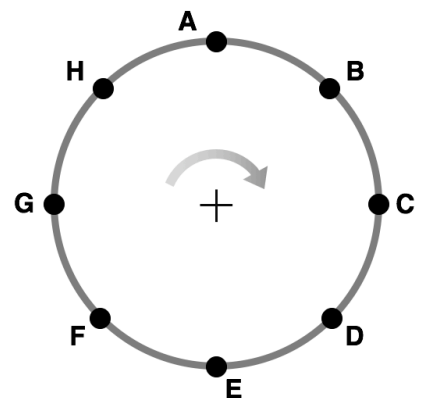
An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location H**.



Question Group 3

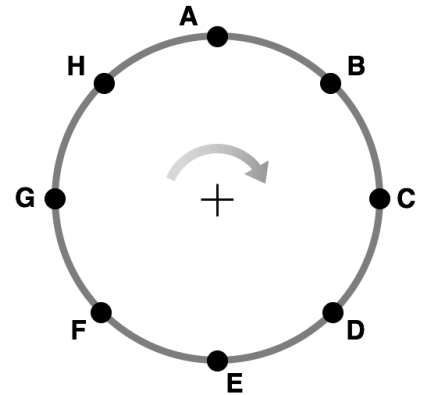
Question 9

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location A**.



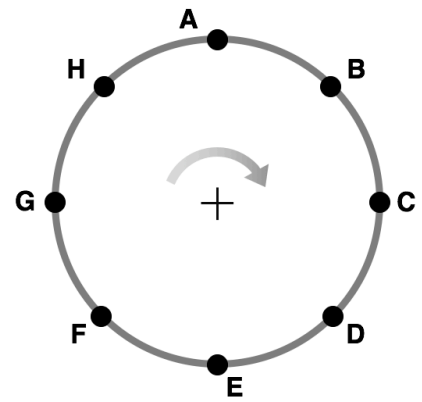
Question 10

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location C**.



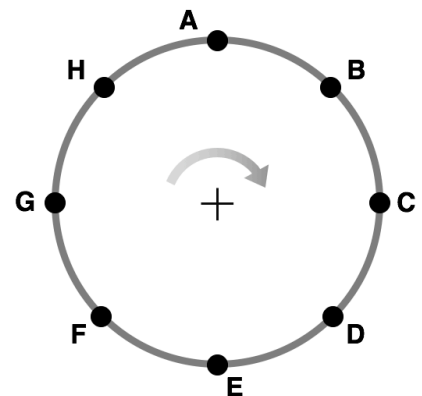
Question 11

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location E**.



Question 12

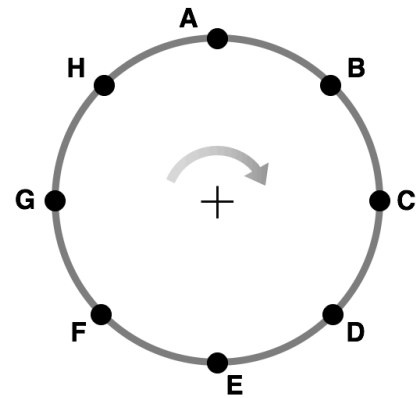
An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location G**.



Question Group 4

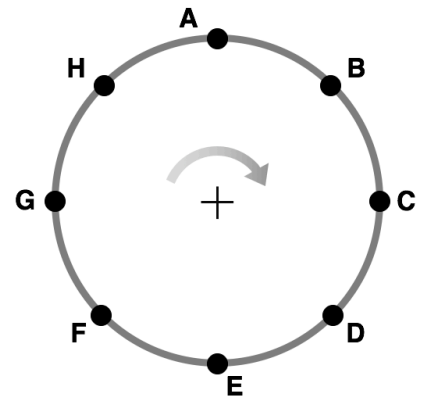
Question 13

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location B**.



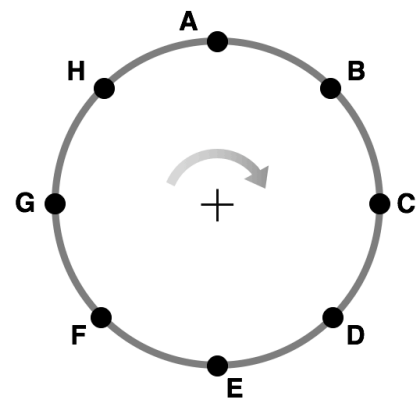
Question 14

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location D**.



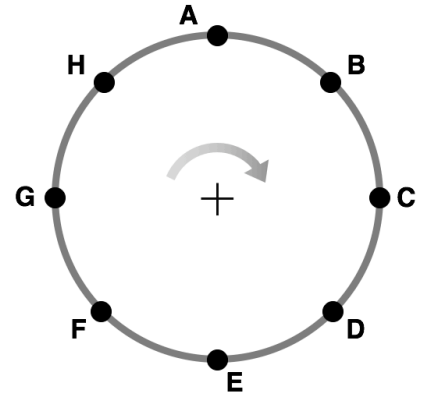
Question 15

An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location F**.



Question 16

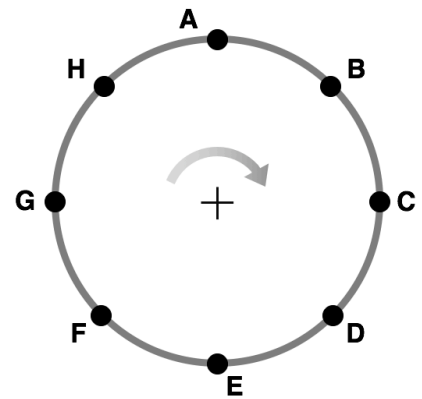
An object is moving clockwise along the circular path as shown. Identify the direction of the **acceleration vector** at **Location H**.



Question Group 5

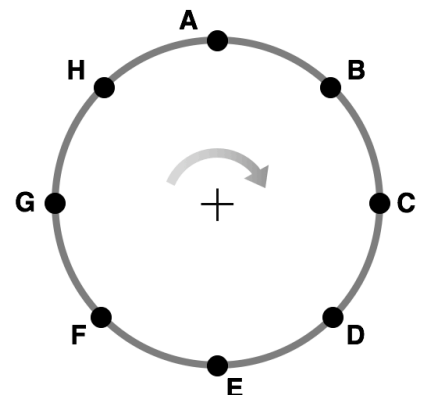
Question 17

An object is moving clockwise along the circular path as shown. Identify the direction of the **net force vector** at **Location A**.



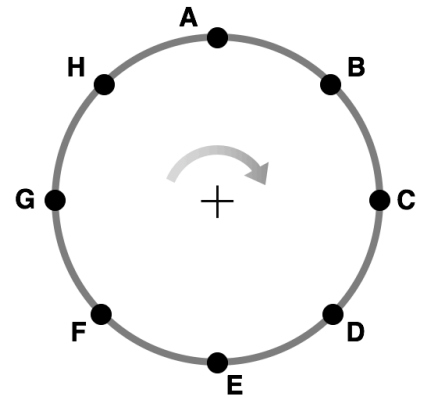
Question 18

An object is moving clockwise along the circular path as shown. Identify the direction of the **net force vector** at **Location C**.



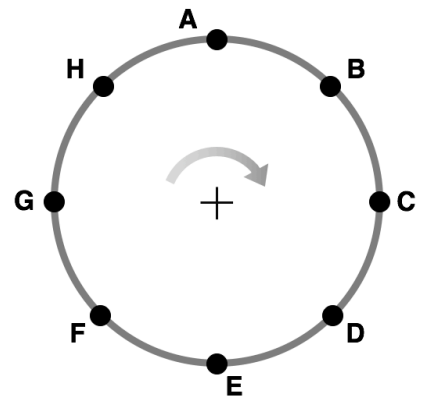
Question 19

An object is moving clockwise along the circular path as shown. Identify the direction of the **net force vector** at **Location E**.



Question 20

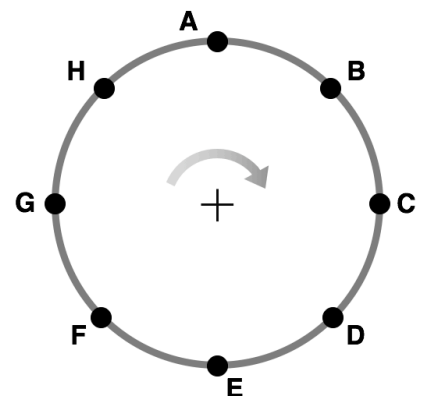
An object is moving clockwise along the circular path as shown. Identify the direction of the **net force vector** at **Location G**.



Question Group 6

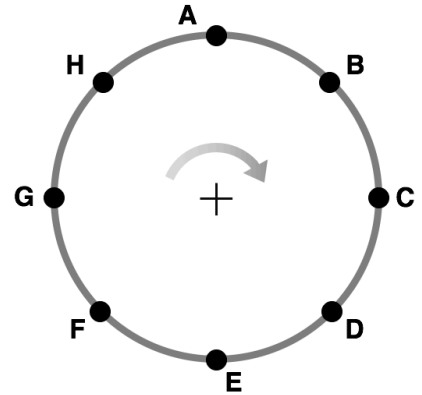
Question 21

An object is moving clockwise along the circular path as shown. Identify the direction of the **net force vector** at **Location B**.



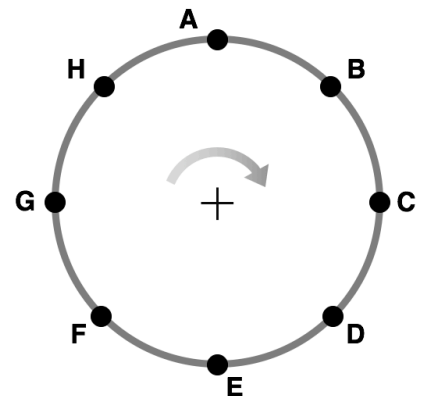
Question 22

An object is moving clockwise along the circular path as shown.
Identify the direction of the **net force vector** at **Location D**.



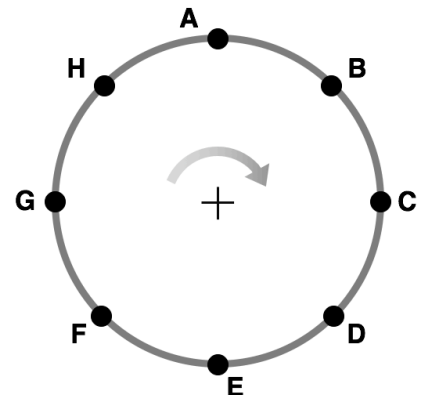
Question 23

An object is moving clockwise along the circular path as shown.
Identify the direction of the **net force vector** at **Location F**.



Question 24

An object is moving clockwise along the circular path as shown.
Identify the direction of the **net force vector** at **Location H**.

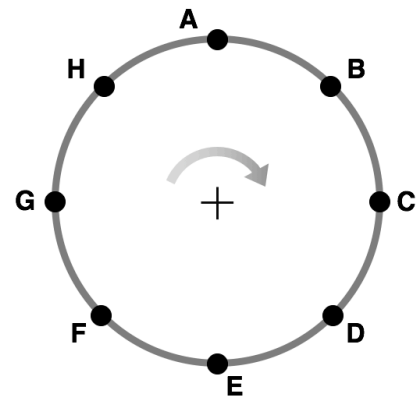


Master Difficulty Level

Question Group 7

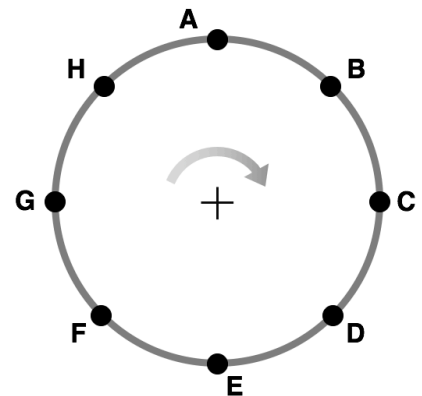
Question 25

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location A** and the direction of the **acceleration vector** at **Location B**.



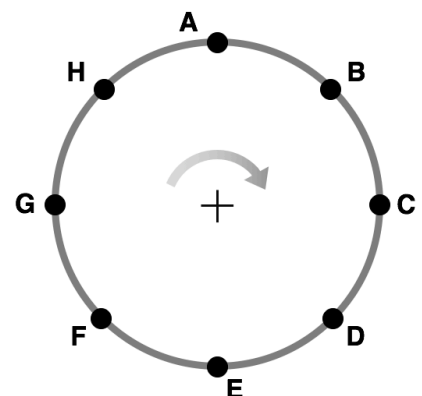
Question 26

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location C** and the direction of the **acceleration vector** at **Location D**.



Question 27

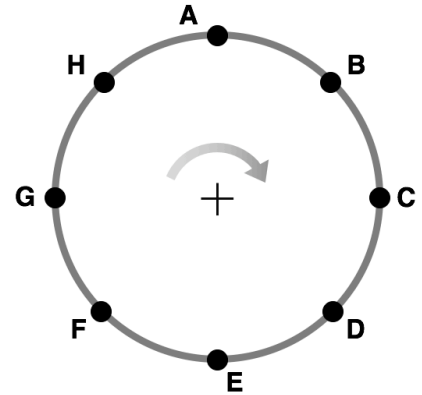
An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location E** and the direction of the **acceleration vector** at **Location F**.



Question Group 8

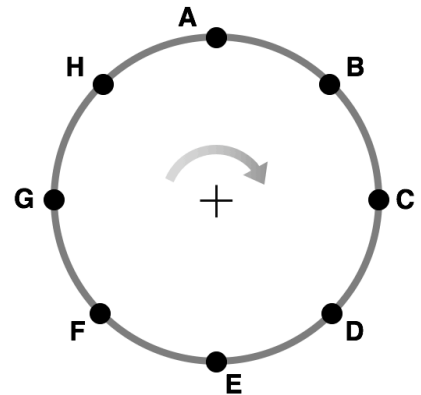
Question 28

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location B** and the direction of the **acceleration vector** at **Location C**.



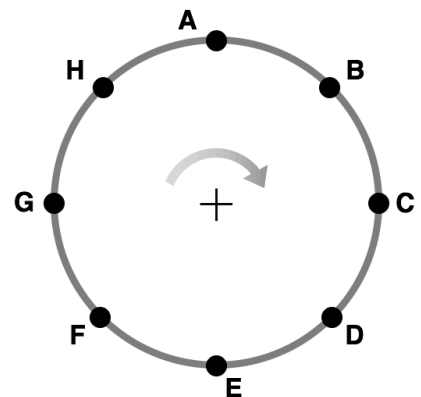
Question 29

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location D** and the direction of the **acceleration vector** at **Location A**.



Question 30

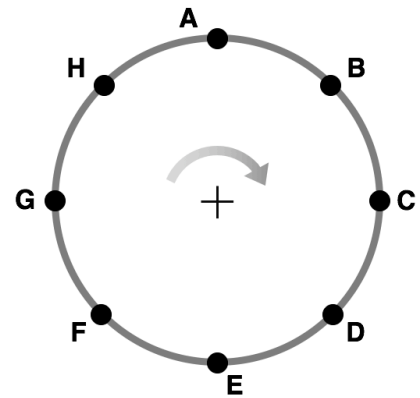
An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location H** and the direction of the **acceleration vector** at **Location E**.



Question Group 9

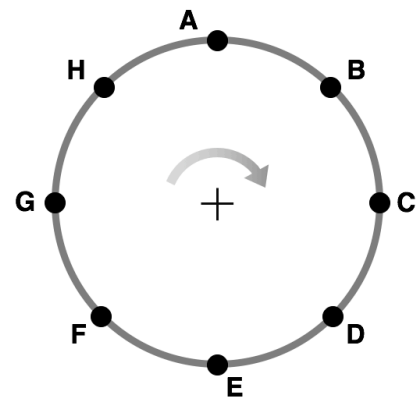
Question 31

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location C** and the direction of the **net force vector** at **Location H**.



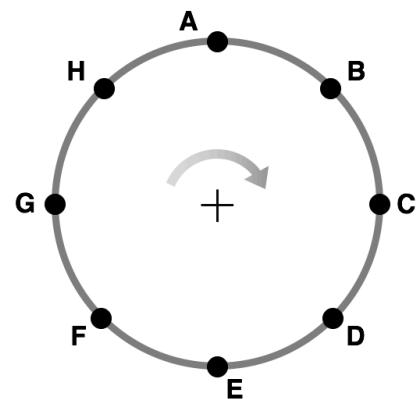
Question 32

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location E** and the direction of the **net force vector** at **Location B**.



Question 33

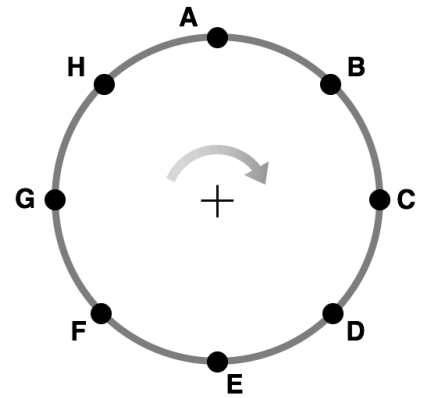
An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location G** and the direction of the **net force vector** at **Location D**.



Question Group 10

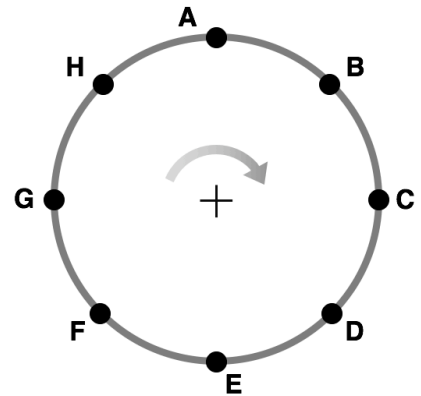
Question 34

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location H** and the direction of the **net force vector** at **Location C**.



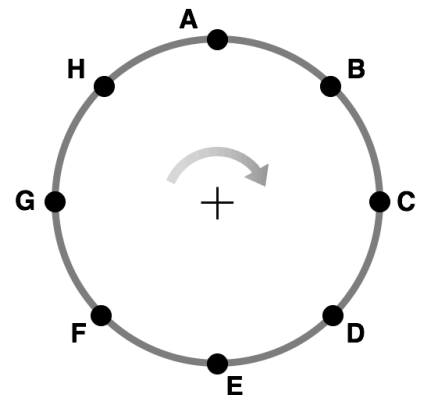
Question 35

An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location B** and the direction of the **net force vector** at **Location E**.



Question 36

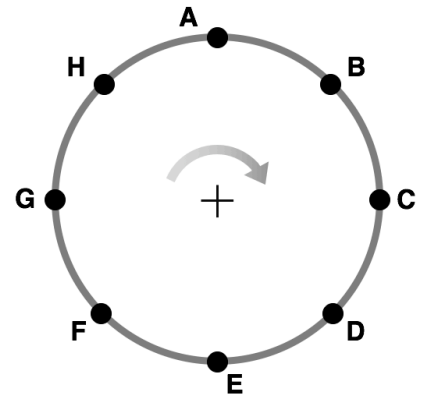
An object is moving clockwise along the circular path as shown. Identify the direction of the **velocity vector** at **Location D** and the direction of the **net force vector** at **Location A**.



Question Group 11

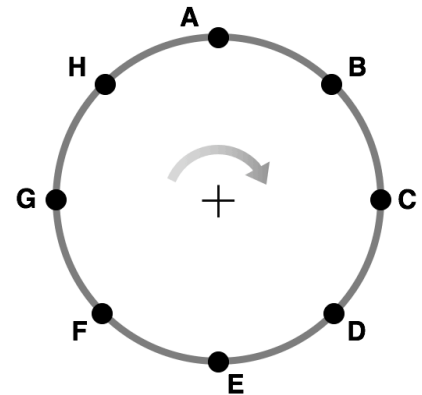
Question 37

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **A** and the **acceleration vector** at **G** and the **net force vector** at **E**.



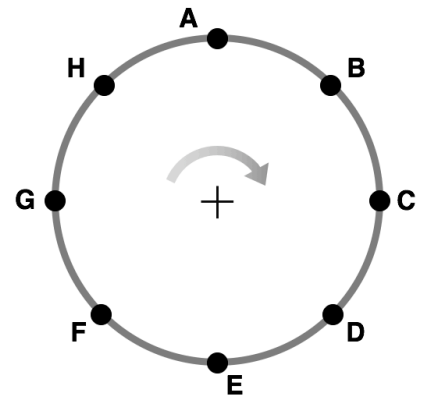
Question 38

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **C** and the **acceleration vector** at **A** and the **net force vector** at **G**.



Question 39

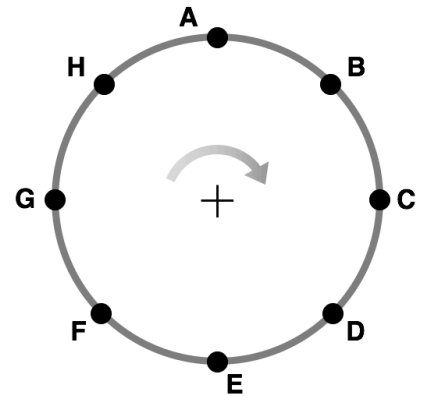
An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **E** and the **acceleration vector** at **C** and the **net force vector** at **A**.



Question Group 12

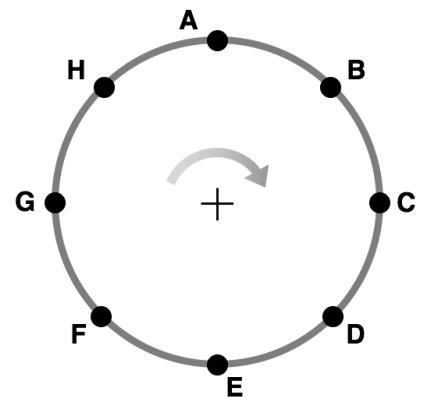
Question 40

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **C** and the **acceleration vector** at **A** and the **net force vector** at **F**.



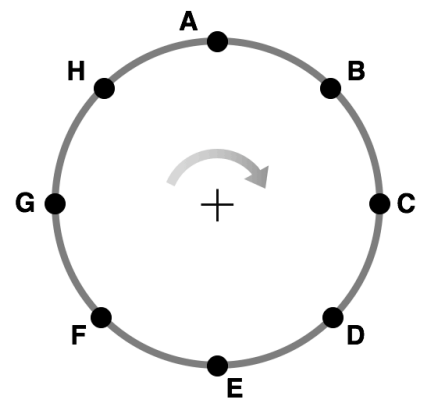
Question 41

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **E** and the **acceleration vector** at **C** and the **net force vector** at **H**.



Question 42

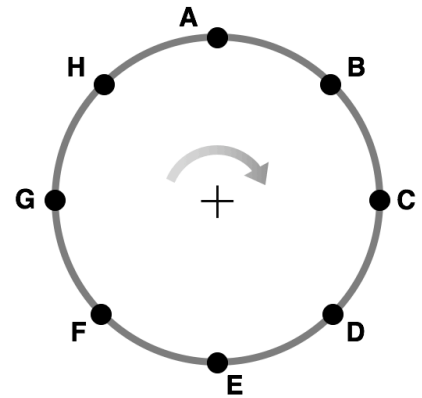
An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **G** and the **acceleration vector** at **E** and the **net force vector** at **B**.



Question Group 13

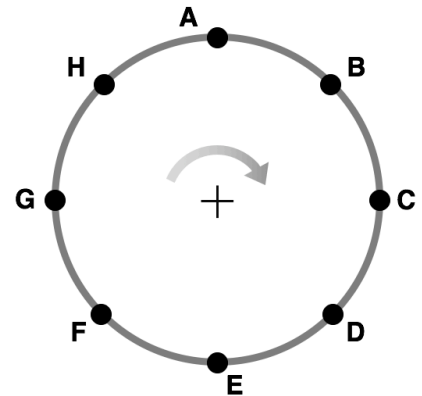
Question 43

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **D** and the **acceleration vector** at **H** and the **net force vector** at **A**.



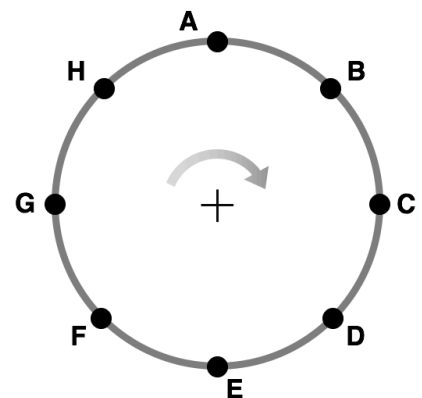
Question 44

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **F** and the **acceleration vector** at **B** and the **net force vector** at **C**.



Question 45

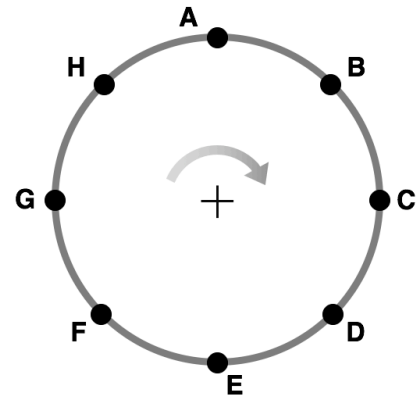
An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **H** and the **acceleration vector** at **D** and the **net force vector** at **E**.



Question Group 14

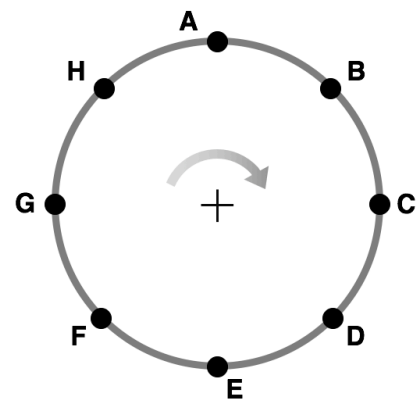
Question 46

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **D** and the **acceleration vector** at **C** and the **net force vector** at **H**.



Question 47

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **F** and the **acceleration vector** at **E** and the **net force vector** at **B**.



Question 48

An object is moving clockwise around the circle. Identify the direction of the **velocity vector** at **H** and the **acceleration vector** at **G** and the **net force vector** at **D**.

