Remaining Time: 34 minutes, 42 seconds.

¥ **Question Completion Status:**

⚠ Moving to the next question prevents changes to this answe

Question 1

The type of motion of part AOBC is

○ a. Rotation

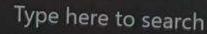○ b. rolling without slipping

○ c. general plane motion

○ d. rectilinear transulation

○ e. curvilinear transulation

⚠ Moving to the next question prevents changes to this answer.

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⩘ **Question Completion Status:**

1🗋	2	3	4	5	6	7	8	9	10	11	12

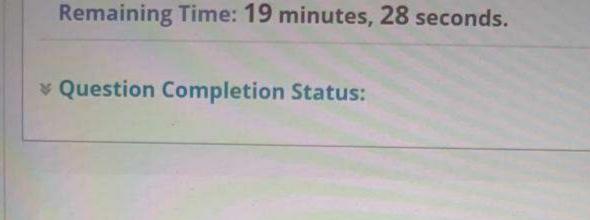⚠ Moving to the next question prevents changes to this answer.

Question 2

The type of motion of Rod BC is

○ Curvilinear translution

○ Rolling without slipping

○ General plane motion

○ Rectilinear translution

○ Rotation

⚠ Moving to the next question prevents changes to this answer.

☆ **Question Completion Status:**

1	2	3	4	5	6	7	8	9	10	11	12

⤷ ⚠ Moving to the next question prevents changes to this answer.

Question 3

The type of motion of Rod CD is

○ Rotation

○ Curvilinear translution

○ Rolling without slipping
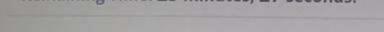
○ Rectilinear translution

○ General plane motion

⤷ ⚠ Moving to the next question prevents changes to this answer.

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⚠ Moving to the next question prevents changes to this ans

Question 4

The mass of disk D , m (kg) , is

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Question 6

The mass moment of Inertia of Rod CD About joint D, I_D ($\times 10^{-3}$ kg.m^2)

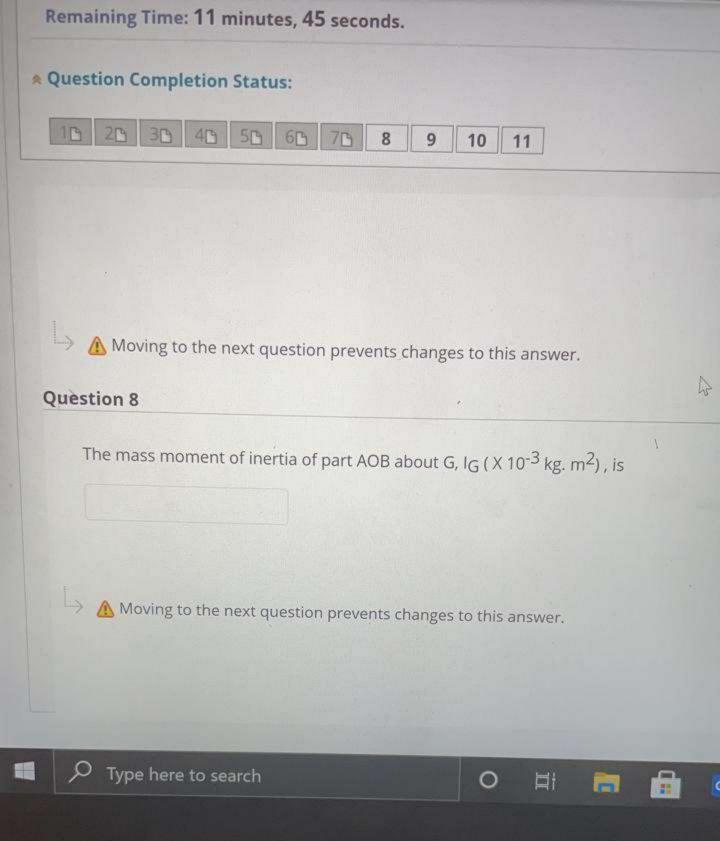⚠ Moving to the next question prevents changes to this answer.

⤷ ⚠ Moving to the next question prevents changes to this answer.

Question 7

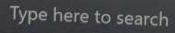The mass moment of inertia of disk D about G, I_G (X 10^{-3} kg. m^2) , is

⤷ ⚠ Moving to the next question prevents changes to this answer.

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⌃ Question Completion Status:

1	2	3	4	5	6	7	8	9	10	11

➡ ⚠ Moving to the next question prevents changes to this answer.

Question 8

The mass moment of inertia of part AOB about G, I_G (X 10^{-3} kg. m^2) , is

➡ ⚠ Moving to the next question prevents changes to this answer.

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Remaining Time: 16 minutes, 01 second.

⌃ **Question Completion Status:**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

⚠ Moving to the next question prevents changes to this answer.

Question 9

The x-component of the reaction force at joint C, C_x (N), is

⚠ Moving to the next question prevents changes to this answer.

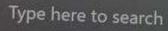⌃ **Question Completion Status:**

⇨ ⚠ Moving to the next question prevents changes to this answer.

Question 10

The mass moment of inertia of part BC about O, I_O (X 10^{-2} kg. m^2), is

⇨ ⚠ Moving to the next question prevents changes to this answer.

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Remaining Time: **11** minutes, **20** seconds.

⌃ **Question Completion Status:**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

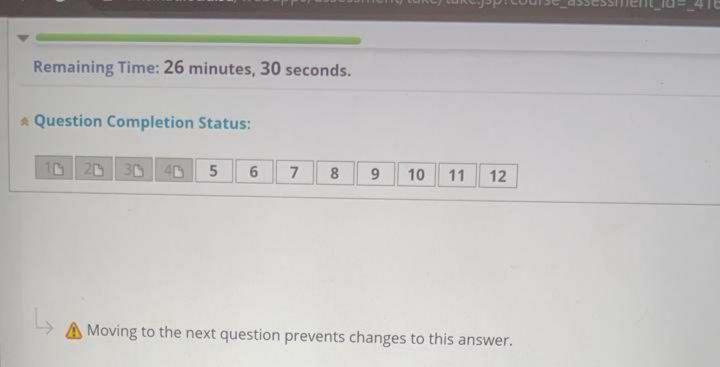→ ⚠ Moving to the next question prevents changes to this answer.

Question 11

The x-component of the reaction force at joint D, D_X (N), is

→ ⚠ Moving to the next question prevents changes to this answer.

⌃ Question Completion Status:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

⮕ ⚠ Moving to the next question prevents changes to this answer.

Question 5

The mass moment of Inertia of Rod CD about the center of gravity, I_G ($\times 10^{-3}$ kg.m^2)

⮕ ⚠ Moving to the next question prevents changes to this answer.

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