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**Started on** Wednesday, 9 June 2021, 9:00 PM

**State** Finished

**Completed on** Wednesday, 9 June 2021, 9:15 PM

**Time taken** 15 mins 1 sec

**Grade** 7.0 out of 10.0 (70%)

Question 1

Incorrect

Mark 0.0 out of 1.0

Type of assets that supports the physical characteristics in collider components such as adding bouncing or friction is

- ☐ a. Terrain layer
- ☐ b. Physics Material
- ☐ c. Avatar Mask
- ☒ d. Material



The correct answer is: Physics Material

Question 2

Correct

Mark 1.0 out of 1.0

To match game frame speed with real time speed we multiply the value by

Select one:

- ☐ Time.frames
- ☐ Time.timeScale
- ☒ Time.deltaTime
- ☐ Time.fixedTime



The correct answer is: Time.deltaTime

## Question 3

Incorrect

Mark 0.0 out of 1.0

To Enable physical characteristics on a sprite in 2D Games we need the component

- ☐ a. Box Collider
- ☐ b. Rigidbody 2D
- ☒ c. Rigidbody
- ☐ d. Box Collider 2D



The correct answer is: Rigidbody 2D

## Question 4

Correct

Mark 1.0 out of 1.0

When Cube passes through Cylinder, while it still inside the function that keep calling is

- ☐ a. OnTriggerStay2D
- ☒ b. OnTriggerStay
- ☐ c. OnCollisionStay
- ☐ d. OnCollisionStay2D



The correct answer is: OnTriggerStay

## Question 5

Correct

Mark 1.0 out of 1.0

There is a variable called `canJump` and its default value is `false` it can only be changed to two when there is no collision between the player object and the plane surface we need to use

- ☒ a. OnCollisionExit
- ☐ b. OnCollisionExit2D
- ☐ c. OnTriggerExit
- ☐ d. OnTriggerExit2D



The correct answer is: OnCollisionExit

## Question 6

Incorrect

Mark 0.0 out of 1.0

To add a collider for irregular sprite shape in 2D game we use

Select one:

- ☐ Polygon Collider
- ☐ Mesh Collider 2D
- ☒ Mesh Collider
- ☐ Random Collider



The correct answer is: Polygon Collider

## Question 7

Correct

Mark 1.0 out of 1.0

One of the following is the most complex joint in 3D space joints

Select one:

- ☐ Fixed joint
- ☒ Configurable joint
- ☐ Hing joint
- ☐ Spring joint



The correct answer is: Configurable joint

## Question 8

Correct

Mark 1.0 out of 1.0

The superclass for all scripts components

Select one:

- ☐ Mono
- ☐ Object
- ☐ Behaviour
- ☒ MonoBehaviour



The correct answer is: MonoBehaviour

## Question 9

Correct

Mark 1.0 out of 1.0

Code used to print text or values in the console

- ☐ a. Input.Get()
- ☒ b. Debug.Log()
- ☐ c. Output.Log()
- ☐ d. Degug.log()



The correct answer is: Debug.Log()

## Question 10

Correct

Mark 1.0 out of 1.0

An attribute used to make an object heavier than another object

- ☐ a. Friction
- ☐ b. Drag
- ☒ c. Mass
- ☐ d. Kinametic



The correct answer is: Mass

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 <http://elearning.iugaza.edu.ps>

 [08 2644400](tel:082644400)

 [elearning@iugaza.edu.ps](mailto:elearning@iugaza.edu.ps)

