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Course dashboard

Started on	Sunday, 25 April 2021, 10:04 PM
State	Finished
Completed on	Sunday, 25 April 2021, 10:23 PM
Time taken	19 mins 28 secs
Grade	14.00 out of 22.00 (64%)

Question 1 The colors known as primary colors are

Correct

Mark 1.00 out of 1.00

Select one:

- ☐ a. Red, blue and orange
- ☐ b. Red, yellow and green
- ☒ c. Red, green and blue ✓
- ☐ d. Red and green

The correct answer is: Red, green and blue

Question 2 If all light waves are absorbed by a medium, then what color will be perceived?

Incorrect

Mark 0.00 out of 1.00

Select one:

- ☐ a. Green
- ☐ b. Black
- ☐ c. White
- ☒ d. Red ✗

The correct answer is: Black

Question 3 A shirt absorbs red light, what color pigment is used to dye the shirt

Correct

Mark 1.00 out of 1.00

Select one:

- ☐ a. Red
- ☐ b. Yellow
- ☒ c. Cyan ✓
- ☐ d. Green

The correct answer is: Cyan



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## Question 4

Correct

Mark 1.00 out of  
1.00

To form other colors like brown, peach, purple etc. the colors that are required, are

Select one:

- ☐ a. Red, blue and orange
- ☒ b. Red, green and blue ✓
- ☐ c. Red, yellow and green
- ☐ d. Green, blue and yellow

The correct answer is: Red, green and blue

## Question 5

Correct

Mark 1.00 out of  
1.00

$R + G + B =$

Select one:

- ☐ a. Red
- ☐ b. Black
- ☒ c. White ✓
- ☐ d. Green

The correct answer is: White

## Question 6

Correct

Mark 1.00 out of  
1.00

Leaf looks green because it absorbs

Select one:

- ☐ a. Blue and yellow color
- ☒ b. All colors except green ✓
- ☐ c. Red and yellow color
- ☐ d. Green color and reflects others

The correct answer is: All colors except green

## Question 7

Correct

Mark 1.00 out of  
1.00

White light goes through a red filter what color do we see?

Select one:

- ☐ a. Yellow
- ☒ b. Red ✓
- ☐ c. Cyan
- ☐ d. Green

The correct answer is: Red



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## Question 8

R + B =

Incorrect

Mark 0.00 out of  
1.00

Select one:

- ☒ a. Yellow ✖
- ☐ b. Cyan
- ☐ c. Red
- ☐ d. Magenta

The correct answer is: Magenta

## Question 9

What are the three colors that can be mixed to make any other colors?

Correct

Mark 1.00 out of  
1.00

Select one:

- ☐ a. Supplementary colors
- ☐ b. Secondary colors
- ☒ c. Primary colors ✔
- ☐ d. Electromagnetic colors

The correct answer is: Primary colors

## Question 10

Some objects look white in color like snow because they

Incorrect

Mark 0.00 out of  
1.00

Select one:

- ☒ a. Refract all colors ✖
- ☐ b. Absorb all colors
- ☐ c. Reflect all colors
- ☐ d. Absorb white color

The correct answer is: Reflect all colors

## Question 11

Which color is a primary color of pigment?

Correct

Mark 1.00 out of  
1.00

Select one:

- ☐ a. Green
- ☒ b. Yellow ✔
- ☐ c. Red
- ☐ d. Blue

The correct answer is: Yellow



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## Question 12

Correct

Mark 1.00 out of  
1.00

What is R+G+B

Select one:

- ☒ a. Primary colors of light ✓
- ☐ b. Tiny dot on a TV screen and is either red, green, or blue.
- ☐ c. Only allows selective wavelengths of light to pass through
- ☐ d. Type of color seen when light goes through filters

The correct answer is: Primary colors of light

## Question 13

Correct

Mark 1.00 out of  
1.00

When red and blue are combined together, they form

Select one:

- ☐ a. Yellow
- ☒ b. Magenta ✓
- ☐ c. Orange
- ☐ d. Purple

The correct answer is: Magenta

## Question 14

Incorrect

Mark 0.00 out of  
1.00

What part of the visible spectrum has the highest energy?

Select one:

- ☐ a. Green
- ☐ b. Violet
- ☒ c. Red ✗
- ☐ d. Orange

The correct answer is: Violet

## Question 15

Incorrect

Mark 0.00 out of  
1.00

The color you see is the color that is

Select one:

- ☒ a. Absorbed ✗
- ☐ b. Reflected
- ☐ c. Dispersed
- ☐ d. Refracted

The correct answer is: Reflected



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## Question 16

Correct

Mark 1.00 out of  
1.00

If all light waves are reflected off a medium, then what color will be perceived?

Select one:

- ☐ a. Yellow
- ☒ b. White ✓
- ☐ c. Pink
- ☐ d. Black

The correct answer is: White

## Question 17

Incorrect

Mark 0.00 out of  
1.00

A red car looks red because it

Select one:

- ☒ a. Reflects all colors except red ✗
- ☐ b. Reflects red color and absorbs others
- ☐ c. Absorbs all colors except indigo
- ☐ d. Absorbs all colors except green and blue

The correct answer is: Reflects red color and absorbs others

## Question 18

Correct

Mark 1.00 out of  
1.00

G + B =

Select one:

- ☐ a. Red
- ☒ b. Cyan ✓
- ☐ c. Yellow
- ☐ d. Magenta

The correct answer is: Cyan

## Question 19

Incorrect

Mark 0.00 out of  
1.00

Overlapping of two primary colors forms a

Select one:

- ☐ a. Mixed color
- ☒ b. Both a and b ✗
- ☐ c. Rertiary color
- ☐ d. Secondary color

The correct answer is: Secondary color



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## Question 20

Correct

Mark 1.00 out of  
1.00

Which color is a primary color of light?

Select one:

- ☐ a. Yellow
- ☐ b. Cyan
- ☒ c. Green ✓
- ☐ d. Magenta

The correct answer is: Green

## Question 21

Incorrect

Mark 0.00 out of  
1.00

A shirt absorbs green and red light, what color is the shirt

Select one:

- ☐ a. Blue
- ☒ b. White ✗
- ☐ c. Black
- ☐ d. Magenta

The correct answer is: Blue

## Question 22

Correct

Mark 1.00 out of  
1.00

If a material absorbs all frequencies of light waves EXCEPT green, what color will be perceived by the observer?

Select one:

- ☐ a. White
- ☐ b. Black
- ☐ c. Yellow
- ☒ d. Green ✓

The correct answer is: Green

[◀ Lecture 6 \(https://elearning.oi.edu.eg/mod/resource/view.php?id=24287&forceview=1\)](https://elearning.oi.edu.eg/mod/resource/view.php?id=24287&forceview=1)

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