

تدريب على أسئلة الاختبار لمادة التصميم و التكنولوجيا

الفصل الدراسي الثاني 2017 - 2018 / الصف الخامس (الوحدة 1 و 3)

يرجى حل الأسئلة بعد الانتهاء من مراجعة الكتاب مع التركيز على ال (Activities) و
الأسئلة في نهاية الوحدات

الوحدة الأولى

مختصر للوحدة / Unit Summary

- **Animation** is the process of giving the illusion of movement to drawings, models or non-living objects. Illusions happen when a person's eyes, ears or sense of touch are tricked in some way.
- **The five types of animations are** traditional animation, 2D vector-based animation, 3D computer animation, motion graphics and stop motion.
- **2D means** 'two dimensional'. Image is flat and not realistic.
- **3D means** 'three dimensional'. More than one face can be seen and looks realistic.
- **Traditional animation** is when a picture is drawn lots of times and then shown together. An illusion that the picture is moving is created.
- **2D vector-based animation** is the same as traditional animation, but is done on a computer instead to save time.
- **3D computer animation** is when a 3D character is made on the computer and is placed in different positions to make a movie.
- **Motion graphics** is used to make text and graphic look fun. It is used for logos and movie openings.
- **Stop motion is** using a camera to take pictures of objects in different positions, and once shown quickly, it creates an illusion.

SECTION 1 – Matching

Match the word to the picture. Write the matching letter in the correct box.

Question (1)

Terms

Animation	C
2D	D
3D	A
Illusion	B

Explanations

'Three dimensional'. More than one face can be seen and looks realistic.	A
When a person's eyes, ears, or sense of touch are tricked, in some way.	B
The process of giving the illusion of movement to drawings, models, or non-living objects	C
'Two dimensional'. Image is flat and not realistic.	D

Question (2)

Terms

Traditional animation	C
2D vector based animation	A
3D computer animation	E
Motion graphics	B
Stop motion	D

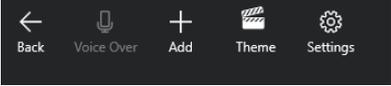
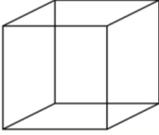
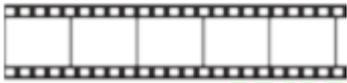
Explanations

Same as traditional animation, but done on a computer instead.	A
Used to make text and graphics look fun. It is used for logos and movie openings.	B
When a picture is drawn lots of times and shown together, an illusion that the picture is moving is created.	C
Uses a camera to take pictures of objects in different positions, and once shown quickly, it creates an illusion.	D
When a 3D character is made on the computer and is placed in different positions to make a movie.	E

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Question (3)

Terms

	E
	D
	B
	A
	C

Explanations

3D	A
Tools	B
Frames	C
Stop motion software	D
2D	E

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Question (4)

Terms

3D computer animation	C
Stop motion	A
Tools	B

Explanations

<ol style="list-style-type: none"> 1. Take a picture of an object 2. Move it a little bit and take another picture. Repeat this step 3. These pictures create the illusion of movement when shown quickly. 	A
Different options available in a software package	B
<ol style="list-style-type: none"> 1. A fun and catchy story is made 2. A story board is made 3. A 3D model is made of the character 4. Rigs' are made 5. The animation is put together and voices are added 	C

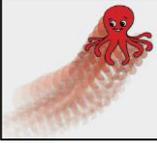
Question (5)

Terms	
Traditional animation	E
3D	D
2D	A
3D computer animation	H
Rigs	G
Story board	I
Stop motion	F
Motion graphics	C
2D vector based animation	B

Explanations	
Image looks flat.	A
This method is cheap and easy to use.	B
Used for logos and movie openings	C
More than one face can be seen.	D
the older form of animation	E
The same as traditional animation, but using a camera instead of drawing	F
control the movements of each character	G
type of animation is used the most from all the animations	H
the story from beginning to end with pictures	I

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Question (6)

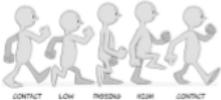
Terms	
	C
	D
	A
	B

Explanations	
2D	A
picture gallery	B
3D	C
Stop motion	D

SECTION 2 – Labelling

Question (1)

(A) Traditional animation	(B) Stop motion	(C) 2D vector based animation	(D) 3D computer animation	(E) Motion graphics
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	C
	B
	E
	A
	D

Question (2)

(A) 3D computer animation?	(B) 2D vector based animation	(C) Traditional animation	(D) Types of Animation	(E) Motion graphics
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It is the art of moving graphics or text in a fun way	E
It is like playing with puppets and making them carry out the movements you want	A
Pictures are drawn lots of times, doing different things	C
Each body part can be moved separately, so a picture doesn't need to be drawn lots of times.	B
<ul style="list-style-type: none"> • traditional animation • 2D vector-based animation • 3D computer animation • motion graphics • stop motion 	D

SECTION 3 – 2D or 3D Images

Are the images 2D or 3D? Circle the correct answer.

1.		3D
2.		3D
3.		2D
4.		2D

SECTION 4 – Multiple Choice Questions

Choose and circle the correct answer for the images given below - A, B or C.

1. The global animation industry is a _____ industry

- A) multi-million-dirham
- B) multi-billion-dirham**
- C) multi-trillion -dirham

2. 2D stand for _____

- A) Two dimensional**
- B) Three dimensional
- C) Two direction

3. 3D stand for _____

- A) Two dimensional
- B) Three dimensional**
- C) Three Documents

4. 2D has _____ face

- A) One**
- B) Two
- C) More than one

5. 3D has _____ face

- A) One
- B) Two
- C) More than one**

6. 3D images seem _____

- A) not realistic
- B) flat
- C) realistic**

7. 2D images seem _____

- A) not realistic**
- B) with more depth
- C) realistic

8. Very different to all other forms of animation and have no story or characters

- A) Traditional animation
- B) 2D vector based animation
- C) Motion graphics**

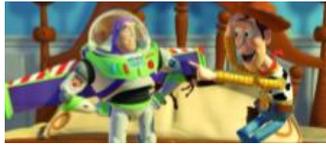
9. You don't need to be good at drawing while creating _____ and _____

- A) 3D computer animation / 2D vector based animation**
- B) 3D computer animation / Traditional animation
- C) 2D vector based animation / Traditional animation

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10. 2D animation

A)



B)



C)



11. Take a lot of time

- A) Stop motion
- B) 2D vector based animation
- C) Traditional animation**

12. Stop motion is the same as traditional animation, but rather than drawing a _____ is used

- A) camera**
- B) 3D character
- C) paper

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SECTION 1 – Matching

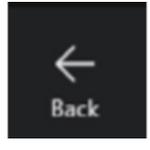
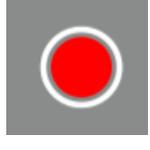
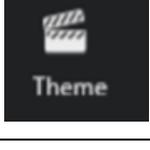
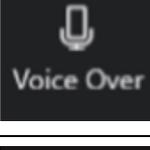
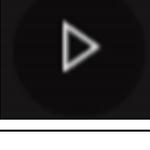
Match the word to the picture. Write the matching letter in the correct box.
The first one has been done for you

Question (1)

Terms		Explanations	
stop motion	B	Change the design and look of the movie	A
Voice-over	F	Software used to make animations.	B
Characters	E	a single picture on a film strip	C
Frame	C	a place where you store your pictures on your device	D
theme	A	A person in an animation, book or film	E
picture gallery	D	voice recording to be placed on image	F

Question (2)

Terms

	H
	A
	G
	E
	C
	D
	B
	F

Explanations

back arrow	A
include your voice	B
add pictures and videos	C
theme	D
settings	E
play your animation	F
take a picture	G
set a timer	H

SECTION 3 – Multiple Choice Questions

Choose and circle the correct answer for the images given below - A, B or C.

1. Every single page in a flip book called a _____

- A) frame
- B) picture gallery
- C) picture

2. A single picture on a film strip is called a:

- A) gallery
- B) animation
- C) **frame**

3. How many frames per second do movies in the cinema use?

- A) **24**
- B) 12
- C) 50

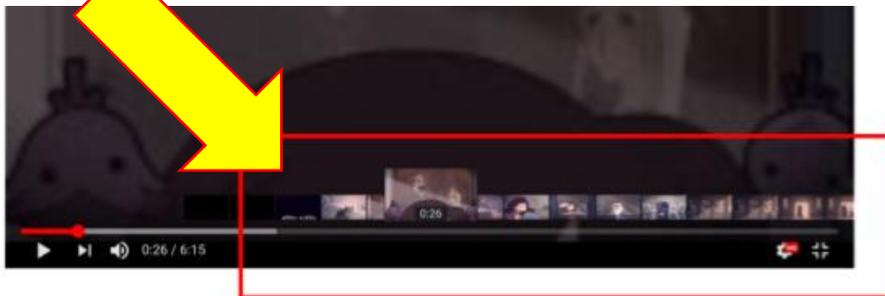
4. What is a picture gallery?

- A) A place to store music.
- B) **A place to store pictures.**
- C) A place to download movies.

5. While recording your video, your camera should:

- A) shake a lot
- B) **not move**
- C) be upside down

6. These are : www.almanahj.com



- A) pictures
- B) **frames**
- C) video picture

7. What type of animation was the Dark Woods animation?

- A) Stop motion animation
- B) 3D animation
- C) **2D animation**