



Course Title: *Digital Media*  
 Date: 15 / 3 / 2018  
 Number of Questions: 4  
 Time: 1 hour  
 Using Calculator (No)

1<sup>st</sup> Midterm Exam  
 Total Grade: 15

Instructor Name: Mohammed Alasttal  
 Student No.: \_\_\_\_\_  
 Student Name: \_\_\_\_\_  
 College Name: \_\_\_\_\_  
 Dep. / Specialist: \_\_\_\_\_  
 Using Dictionary (No)

**Question #1:**

Choose the Correct answer and put your selection in the table below. (7 points)

1	2	3	4	5	6	7	8	9	10	11	12	13	14

- Type sizes are usually expressed in \_\_\_\_\_.  
 a. points                      b. inches                      c. meters                      d. pixel
- VR stands for:  
 a. virtual reality      b. visual response      c. video raster      d. variable rate
- High definition Television (HDTV) is displayed in a \_\_\_\_\_ aspect ratio.  
 a. 16:9                      b. 4:3                      c. 3:4                      d. 9:16
- The file size of a five-second recording sampled at 22 kHz, 16-bit stereo would be about:  
 a. 110,000 bytes      b. 220,000 bytes      c. 440,000 bytes      d. 550,000 bytes
- Which of the following is a multimedia container :  
 a. CD-RW                      b. FLV                      c. JPEG                      d. CMYK
- Which of the following is not an input device?  
 a. Touch-screen monitor      b. optical mouse      c. keyboard      d. Speaker
- A 16-bit image is capable of representing \_\_\_\_\_ different colors?  
 a. 2                      b. 16                      c. 256                      d. 65,536                      e. 16,772,216
- The little decoration at the end of a letter stroke is a \_\_\_\_\_.  
 a. Serif                      b. san serif                      c. script                      d. extended
- The file format that is most widely supported for web animations is:  
 a. PICT                      b. DCR                      c. GIF                      d. JPEG                      e. AIFF
- Which of the following only includes types of text files?  
 a. doc, pdf, txt                      b. doc, jpg, ocr                      c. html, avi, css                      d. html, rtf, wav
- A browser is used to view:  
 a. web-based pages & documents      b. program code                      c. storyboards                      d. fonts
- The spacing between characters of text called \_\_\_\_\_.  
 a. leading                      b. kerning                      c. tracking                      d. dithering
- Which image file type is best for photographs?  
 a. vector                      b. Encapsulated PostScript                      c. bitmap                      d. Shockwave
- A printed page might be presented in which of these orientations?  
 a. newsscape                      b. portrait                      c. flat-file                      d. x-height                      e. node



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**Question #2:**

**A) Match the right answer from column B to the words in column A ( 3 points )**

A	B
<input type="checkbox"/> PSD	1. Animation format that display series of images.
<input type="checkbox"/> Font	2. A line described by two end points.
<input type="checkbox"/> GIF	3. Collection of characters of a single size and style
<input type="checkbox"/> Pixel	4. Smallest element of the image.
<input type="checkbox"/> clipboard	5. A place where data is stored temporarily
<input type="checkbox"/> Vector	6. Adobe file format for Photoshop

**B) What is the size in KB of one minute Sound recording using CD-Quality ?(1 point)**

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**Question #3:**

**A) State whether the following sentences TRUE & FALSE : ( √ or X ) ( 2 points )**

- A movie is a common type of interactive multimedia.
- Movies on film are typically shot at a shutter rate of 60 fps
- PAL system providing 1080 lines of resolution
- Image formats, GIF, PNG, and JPEG, use built-in compression algorithms to reduce size.
- in S-video CCD output are mixed together in a single cable
- NTSC Broadcasting system used in USA and JAPAN containing 625 horizontal line
- sample rate of sound measured by thousands of samples per second.
- The sampling frequency of CD quality audio files is 44100 Khz



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**Question #4:**

**A) Differentiate between lossy and lossless algorithms with examples of image files.( 1 marks )**

lossy	lossless
.....	.....
.....	.....
.....	.....
.....	.....

**C) Discuss the features which required to be available in a multimedia systems.( 1 point )**

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**Bonus Question: 1.5 points**

What the following stand for :

- GIF : \_\_\_\_\_
- JPEG : \_\_\_\_\_
- PNG : \_\_\_\_\_
- WWW : \_\_\_\_\_
- HTML : \_\_\_\_\_
- WYSIWYG : \_\_\_\_\_

*End of Questions*

*Good Luck*