

CS2033 Sample Exam Questions

There are a total of 143 questions on the Final Exam... 98 multiple choice and 45 true/false.

This is a sample of things to expect and help you study with the level of detail you may need in some areas.

As a breakdown when you are studying the lectures:

There are more questions 15-20 questions in each of the lectures 2,3, 4, 5, 6 and in the remaining lectures 7-12 approximately 5-10 questions from each lecture.

.. So study accordingly in terms of depth and understanding.

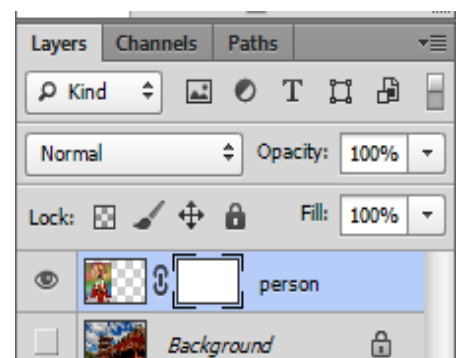
I will not give you the answers as these questions are very close to what is on the exam.. so look them up as you are studying.

- 1) When downscaling an image from 400x400px to 200x200px, pixels are eliminated by
 - a) Randomly generating pixels from a web safe palette
 - b) Manufacturing new pixels which replace the current pixels.
 - c) Guessing the value of the pixels remaining.
 - d) Averaging the values of source pixels contributing to each output pixel resulting in faithful tonality.

- 2) When resampling an image, the “Nearest Neighbor” interpolation method
 - a) Is based on taking the pixel color and assigning it to the new pixels that are created (uses the same color).
 - b) Averages the color of the 16 pixels around it
 - c) Results in an image generated that is of excellent quality
 - d) Averages the color of 4 pixels around it
 - e) None of the above

- 3) In Photoshop, “masks” are used a lot of times instead of the Eraser tool because of the ease in working with objects and backgrounds on one layer. Which of the following is NOT true when working with masks?
 - a) Pixels are removed permanently from an image and cannot be brought back between different Photoshop sessions.
 - b) You have greater control of either hiding everything on that layer, revealing everything on that layer, and controlling opacity.
 - c) You have more control and accuracy in making the selection from an image and blending it with another background.
 - d) All are advantages of working with layers.

- 4) Using the image to the right which represents a mask operation, which of the following statements is NOT indicative of what you see in the Layer palette and what you can perform next?
 - a) You can brush with black to remove the areas you want to hide
 - b) You can brush with white to bring back areas you want visible.
 - c) You can brush with grey to control opacity
 - d) Only (a) and (b) are operations that can be done.
 - e) All of the above are valid operations.



- 5) In a form, when the input labels are right-label aligned, which of the following is NOT true?
- Easier to scan and read the labels because of the jag.
 - It requires less vertical space than top-aligned labels.
 - Statistics show that form completion time is 50% faster than left-aligned labels.
 - It is better suited for handheld mobile devices.
 - All of the above are true of the right-label alignment.
- 6) In a webform, Primary actions are distinguished from Secondary actions based on how they are represented in the form. Which is NOT a good way to represent a Primary action?
- Primary actions should be underlined.
 - Primary actions should be prominently displayed within the form.
 - Primary action should be presented first and then followed by the Secondary action button.
 - Primary actions should be contrasted using a bold color in comparison to a Secondary action button
 - All are valid ways to best represent a Primary action.
- 7) When creating a form, there are many pieces that contribute to making a form work and gathering the form submission values. Which of the components is NOT necessary?
- The Action statement
 - Hidden value button
 - Email template
 - Data collection
 - All of the above are important and contribute to the form working properly.

Understand the relationships between these boxes... that's all I will tell you.. there are questions on this.

The image shows three screenshots of form components, each labeled with a red arrow and text:

- Part A** points to a form box titled "Personal Information:". It contains fields for "XXXX", "First Name:", "Email Address:", and a "Province:" dropdown menu. Below these is a question: "Which type of real estate dwelling are you looking for?" with two radio button options: "Bungalow" and "2 Story Home".
- Box B** points to a dialog box titled "Input Tag Accessibility Attributes". It shows the ID "lastname" and Label "surname". The "Style" section has three radio buttons: "Attach label tag using 'for' attribute", "Wrap with label tag" (which is selected), and "No label tag". The "Position:" section has two radio buttons: "Before form item" (selected) and "After form item". There are also fields for "Access key:" and "Tab Index:". Buttons for "OK", "Cancel", and "Help" are on the right.
- Box C** points to a "Properties" window for a "TextField". It shows various attributes: "Char width", "Max chars", "Type" (set to "Single line"), "Init val", "Disabled" (checkbox), and "Read-only" (checkbox). A red arrow points to the "TextField" label in the top left corner of the window.

- 8) When one talks about the box model in reference to websites, which of the following is NOT true?
- a) The box model describes the physical properties around the elements.
 - b) Every single element on a webpage is considered to be a rectangular box.
 - c) Elements include items such as images, structured lists, links, text, table cell, library items.
 - d) All of the above are true of box elements.

Looking at the two pieces of code, you will have questions...so figure out on your own what you need to know about how each is used and where it goes in the code and their purpose.

CODE A

```
<div id="box_A">  
Content for box_A section goes here </div>
```

CODE B

```
#box_A {  
    color: #FF9;  
    background-color: #009;  
}
```

- 9) The advantage of having an external stylesheet over embedded styles is:
- a) You can use the external stylesheet over and over again with any webpage within the site.
 - b) Any webpages linked to a external stylesheet will automatically be updated when a change is made to the stylesheet.
 - c) External stylesheets can be carried over to other websites.
 - d) Both (a) and (c)
 - e) All of the above
- 10) The reason developers use **class selectors** a lot in websites is because:
- a) They can be used repeatedly over and over within a webpage.
 - b) They can only be used once in a webpage.
 - c) They can be used repeatedly over and over across an entire site.
 - d) Both (b) and (c)
 - e) All of the above are true of class selectors.
- 11) What do Library items control in a website?
- a) CSS Styles
 - b) Structure
 - c) Repetitive information
 - d) Unique information

- 12) When professionally designing a website and using Templates, which of the following is NOT associated with the popularity of Templates?
- a) The administrator provides access to only certain parts of the website to maintainers in order to avoid any incorrect actions applied to the website.
 - b) Automatic updates across the entire website when a change is applied to the editable region of the template.
 - c) Choice to designate editable regions so that the maintainer can change content.
 - d) All of the above are valid reasons for Template use.
- 13) Which style is primarily responsible for converting the menu from horizontal to vertical?
- a) display: block
 - b) display: inline
- 14) When blogging, each time you write a post it is automatically stored in the _____ for easy access to previous blogs written on a day, month, year?
- a) Sidebar
 - b) Archives
 - c) Comment section
 - d) Header section
- 15) The basis of using RSS is:
- a) To get up-to-date information by visiting various sites.
 - b) To obtain content from publishers without have to visit the site.
 - c) For publishers to broadcast their content to whoever wants it.
 - d) Both (b) and (c)
 - e) All of the above
- 16) When creating an RSS Feed file, there are 3 basic components to the file. Which is NOT part of the RSS file?
- a) <rss> </rss> tags to indicate that it is and.xml file
 - b) Items with specific details of title, description and link
 - c) Header
 - d) Channel which describes how the items relate to each other.
- 17) The inventor of the first wiki was:
- a) Jimmy Wales
 - b) Ward Cunningham
 - c) Larry Sanger

- 18) Any type of business or commercial transaction that involves the transfer of information across the internet is called:
- a) Electronic Banking
 - b) Online Credit
 - c) E-Commerce
 - d) Both (a) and (c)
- 19) To get started with building an online store, which of the following is not needed?
- a) A merchant account
 - b) Shopping cart software
 - c) A seller account
 - d) E-commerce enabled website
 - e) All of the above

True or False Questions:

- 20) In Photoshop if you print an image whose dimension is 1200px x 800px, a lower resolution (ie. 72ppi) will print smaller than a higher resolution (ie. 300ppi or 600ppi).
- a) True
 - b) False
- 21) When physically increasing the number of pixels in your image, “upsampling” or “upscaling” refers to adding pixels through a technique called interpolation.
- a) True
 - b) False
- 22) In Photoshop, the interpolation method Bicubic Automatic (default) will use Bicubic Smoother if upsampling, and if downsampling will use Bicubic Sharper.
- a) True
 - b) False
- 23) When you use the Clone Stamp tool in Photoshop, you must specify a “sample spot” or “point of reference” that will be used to replace the pixels in another part of the image.
- a) True
 - b) False
- 24) In Photoshop, “masks” are used a lot of times because pixels are not removed permanently from an image and can be made hidden or revealed during different Photoshop sessions.
- a) True
 - b) False
- 25) Eye fixation graphs show a correlation between eye movement and time to fill out a form. Specifically the more eye movement there is, the less time it will take to complete a form.
- a) True
 - b) False

- 26) Many online businesses use a technique called “Gradual Engagement” to attract more people to their services. Gradual Engagement requires one to sign up for an account, then give free services to begin working with their product.
- a) True
 - b) False
- 27) In a webform the form element **Checkbox** allows one to check off only one item, whereas the **Radio button** allows one to select more than one item.
- a) True
 - b) False
- 28) When building a webform, the email template can have the extension .html, or .txt, or php.
- a) True
 - b) False
- 29) The advantage of CSS is through formatting rules to control the appearance and structure of a website.
- a) True
 - b) False
- 30) Styles appearing in the lowest part of the stylesheet override those styles in the higher stylesheets.
- a) True
 - b) False
- 31) When creating styles associated with a webpage, the Tag selector redefines the formatting characteristics for any HTML tag.
- a) True
 - b) False
- 32) Library items have the extension of .lbi and are stored in a folder called “Library” that you must create.
- a) True
 - b) False
- 33) The purpose of using Templates is to be able to modify the “editable” regions such as the banner, menu sections.
- a) True
 - b) False
- 34) Money can be made from blogs through “Affiliate Advertising” where an advertiser pays you to promote their products or services on your blog site.
- a) True
 - b) False
- 35) An RSS feed is a standardized file format that is written in the XML language.
- a) True
 - False