Report: **Test Answer Key**

District: **Wake County**

Test: **9_12 T and I 7936 - Digital Media II Test 2**

Description: EXAM Qs

Form: **501**

1. **Which of the following is NOT a step for career planning?**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○A. **Assessing your skills**

   ⊘B. **Establishing credit**

   ○C. **Exploring career options**

   ○D. **Setting goals**

2. **Career decision making can best be described as:**
   (NCCTE.9_12.TI.7936.DM201.01)

   ⊘A. **a life-long process that involves past, present, and future work roles.**

   ○B. **finding a part-time job to help pay for college.**

   ○C. **thinking about what kind of career you might like someday.**

   ○D. **updating information from earlier career plans.**

3. **An effective goal:**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○A. **aims for the highest imaginable result.**

   ○B. **focuses on the causes of current problems.**

   ⊘C. **is stated in clear terms.**

   ○D. **ignores the objections of other people.**

4. **When working on personal development and career planning, the most important reason for setting goals is because:**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○A. **Goals look great on your resume and ensure you will be hired.**

   ○B. **Having goals ensures you are better organized and have the needed skills.**

   ○C. **Having goals ensures you will never experience disappointment.**

   ⊘D. **Setting goals helps you establish a clear purpose and destination.**

5. **Which individual goal has existed over an extended period of time?**
   (NCCTE.9_12.TI.7936.DM201.01)

   ⊘A. **Long-term**

   ○B. **Realistic**

   ○C. **Specific**

   ○D. **Traditional**

Draft

6. **Into which two categories are goals usually divided?**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○ A.   Important, less important

   ○ B.   Horizontal, vertical

   ○ C.   Related, unrelated

   ☑ D.   Short-term, long-term

7. **Which describes what an individual's SHORT-TERM goals should be?**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○ A.   Abstract

   ☑ B.   Attainable

   ○ C.   Permanent

   ○ D.   Ridiculous

8. **Which is the most important consideration when establishing career goals?**
   (NCCTE.9_12.TI.7936.DM201.01)

   ○ A.   Driving distance

   ○ B.   Geographic location

   ○ C.   Opinions of your friends

   ☑ D.   Personal strengths and weaknesses

9. **Which of the following should you do at the conclusion of the interview?**
   (NCCTE.9_12.TI.7936.DM201.02)

   ○ A.   Compliment the interviewer on his or her office

   ○ B.   Start a casual conversation on your way out the door

   ○ C.   Tell the interviewer you really, really need the job

   ☑ D.   Thank the interviewer for their time and professional consideration

10. **Which of the following has no place in a written job application?**
    (NCCTE.9_12.TI.7936.DM201.02)

    ○ A.   Attention to spelling and grammar

    ○ B.   Complete and accurate responses

    ☑ C.   Criticism of previous employers

    ○ D.   Neat penmanship

11. **Which of the following will give a good impression during an interview?**
    (NCCTE.9_12.TI.7936.DM201.02)

    ○ A.   Discussing the leadership styles of previous employers

    ○ B.   Discussing what competitors are doing

    ☑ C.   Explaining your qualifications and abilities

    ○ D.   Identifying areas in which the company can improve

12. **To make a good first impression in an interview, which of the following is important?**
    (NCCTE.9_12.TI.7936.DM201.02)

    ○ A.   Be sure to wear perfume or cologne.

    ○ B.   Give a complete employment history.

    ○ C.   Give quick, sure answers to all questions.

    ☑ D.   Present a positive attitude and neat appearance.

13. When preparing for an interview, it is MOST important to:
(NCCTE.**9_12.TI.7936.DM201.02**)

○A. bring multiple versions of your resume.

○B. have your references contact the potential employer.

○C. learn from former employees about the company.

☑D. prepare and practice what you want to say.

14. Of the following, which is MOST important when arriving for a scheduled job interview?
(NCCTE.**9_12.TI.7936.DM201.02**)

○A. Being aware of the salary structure for employees

○B. Bringing a small token of your appreciation for the interviewer's time

☑C. Knowing the name and position of the interviewer

○D. Providing numerous references

15. Which is the BEST way to learn what a career is really like?
(NCCTE.**9_12.TI.7936.DM201.02**)

○A. Ask your friends

○B. Individual research

☑C. Participate in an internship

○D. Using library resources

16. Which of the following is LEAST important to consider when setting your personal career goals?
(NCCTE.9_12.TI.7936.DM201.02)

○A. Attitude

○B. Education

○C. Finances

☑D. Popularity

17. Why would someone most likely use Adobe Fireworks or Photoshop when creating a digital media portfolio?
(NCCTE.**9_12.TI.7936.DM202.01**)

○A. To construct a website for their portfolio

○B. To create a portfolio in video format

○C. To create an unedited portfolio document

☑D. To generate graphics and/or design layouts for a portfolio website

18. Why would someone most likely use Adobe Dreamweaver while creating a digital media portfolio?
(NCCTE.**9_12.TI.7936.DM202.01**)

☑A. To construct a website for their portfolio

○B. To create animation to insert into their portfolio

○C. To create a portfolio in video format

○D. To generate graphics to insert into their portfolio

Draft

19. **How might someone best use Adobe Flash while creating a digital media portfolio? (NCCTE.9_12.TI.7936.DM202.01)**

☑A. To build the portfolio in video format

○B. To create a graph showing growth over time

○C. To generate graphics to insert into their portfolio

○D. To make a bulleted list to organize key points.

20. **How can you use Microsoft Word to create your digital portfolio? (NCCTE.9_12.TI.7936.DM202.01)**

☑A. To create a bulleted list to keep your points organized

○B. To create a website for your portfolio

○C. To reformat your portfolio into a document that cannot be edited

○D. To shoot a video for your portfolio

21. **Microsoft Excel can be used in your digital portfolio to: (NCCTE.9_12.TI.7936.DM202.01)**

○A. make a bulleted list to keep your points organized

☑B. make a table of information, charts and graphs

○C. present your work as a slide show.

○D. use graphics to further illustrate your points.

22. **Which is a benefit of a digital portfolio over a paper portfolio? (NCCTE.9_12.TI.7936.DM202.01)**

○A. It appeals to traditional employers who want to read about your skills.

○B. It does not require compatible technology to view.

☑C. It is a more creative method for presenting your skills.

○D. It is easier to view the final product.

23. **A digital media portfolio would NOT be appropriate for: (NCCTE.9_12.TI.7936.DM202.01)**

☑A. a replacement for your resume.

○B. demonstrating your skills.

○C. self-expression.

○D. showcasing your creative side.

24. **Which best describes a representational portfolio? (NCCTE.9_12.TI.7936.DM202.01)**

○A. An organized record of works you have completed

○B. A collection of works, with commentary on what you learned

○C. A collection of works completed during your school days

☑D. Works chosen for a job search or other specific objective

25. Which best describes a reflective portfolio?
(NCCTE.9_12.TI.7936.DM202.01)

○A. An organized record of works you have completed

☑B. A collection of your work, with commentary on what the pieces mean to you

○C. A collection of your best and most impressive works

○D. Works chosen for a job search or other specific objective

26. Which best describes a developmental portfolio?
(NCCTE.9_12.TI.7936.DM202.01)

☑A. An organized record of works you have completed

○B. A collection of resources that influenced you

○C. A collection of your best and most impressive works

○D. Works chosen for a job search or other specific objective

27. Portfolios are typically created for what purpose?
(NCCTE.9_12.TI.7936.DM202.01)

☑A. Applying for college or employment

○B. Creating a video

○C. Podcasting

○D. Storyboarding

28. Which showcases your work through electronic media using sound, motion and graphics is known as a:
(NCCTE.9_12.TI.7936.DM202.01)

☑A. Digital media portfolio

○B. Journal

○C. Reference letter

○D. Resume

29. What is the name for a purposeful collection of your work that highlights your abilities?
(NCCTE.9_12.TI.7936.DM202.01)

○A. Journal

☑B. Portfolio

○C. Reference letter

○D. Resume

30. Which is a written document referencing your work experiences?
(NCCTE.9_12.TI.7936.DM202.01)

○A. Criminal background check

○B. Personal profile

○C. Personality summary

☑D. Resume

Please use the following scenario for questions 31 through 35:

SCENARIO:
Jim is graduating from high school. His career interest inventory has led him to pursue a career in Digital Media. Jim has great abilities in designing animations. His long-term goal is to work as an animator. Jim's first step is to create a portfolio. Complete the following procedural questions based on Jim's career goals.

31. **Which of the following is NOT typically the purpose served by a digital portfolio? (NCCTE.9_12.TI.7936.DM202.02)**

    ○A. **Academic**

    ○B. **Career**

    ☑C. **Entertainment**

    ○D. **Personal**

32. **During which phase of building a portfolio would Jim obtain the needed equipment and software? (NCCTE.9_12.TI.7936.DM202.02)**

    ○A. **Planning**

    ☑B. **Technical preparation**

    ○C. **Creating**

    ○D. **Distribution**

33. **During which phase of building a portfolio might Jim copy the project to DVD or flash drive, or publish it to the web? (NCCTE.9_12.TI.7936.DM202.02)**

    ○A. **Planning**

    ○B. **Technical preparation**

    ○C. **Creating**

    ☑D. **Distribution**

34. **During which phase of building a portfolio would Jim brainstorm the project? (NCCTE.9_12.TI.7936.DM202.02)**

    ☑A. **Planning**

    ○B. **Technical preparation**

    ○C. **Creating**

    ○D. **Distribution**

35. **Of the following, which would come first as Jim begins building his portfolio? (NCCTE.9_12.TI.7936.DM202.02)**

    ○A. **Develop talking points for each piece**

    ☑B. **Gather samples of work**

    ○C. **Insert section separators**

    ○D. **Place samples in order of relevance**

Please use the following scenario for questions 36 through 43:

SCENARIO:
Brandi, Will, Colton and Josh have been hired to create and maintain an online newspaper for their high school. Brandi is in charge of shooting and editing photos of events that are happening in the school. Will is responsible for uploading photos and designing the layout of the newspaper. Colton is in charge of making sure the look of the website is consistent with the school colors. Josh is in charge of promoting the website for students to access.

36. **Will is uploading new photos to the online newspaper. He wants to use the most preferred file format. Which is the best choice to use?**
    (NCCTE.9_12.TI.7936.DM203.01)

    ○ A. **BMP**

    ☑ B. **JPEG**

    ○ C. **PAL**

    ○ D. **TIFF**

37.
    Will is designing the newspaper layout. He is determining how the size of each part relates to the size of another part. Which principle of design is he using?

    (NCCTE.9_12.TI.7936.DM203.01)

    ○ A. **Color**

    ○ B. **Emphasis**

    ☑ C. **Proportion**

    ○ D. **Unity**

38. **Brandi is trying to decide how to arrange the subjects of her photos vertically and horizontally. Which principle of design is she using?**
    (NCCTE.9_12.TI.7936.DM203.01)

    ☑ A. **Balance**

    ○ B. **Emphasis**

    ○ C. **Shape**

    ○ D. **Texture**

39.
    Brandi is editing some of her photos and wants to give them a tint of color that will communicate excitement. Which color would allow her to accomplish this task?

    (NCCTE.9_12.TI.7936.DM203.01)

    ○ A. **Black**

    ○ B. **Blue**

    ☑ C. **Red**

    ○ D. **White**

Draft

40.

Josh has his poster idea approved. He will print the poster on letter-sized paper and the media center will enlarge it for him to hang around school. What graphical procedure is used to determine the file format needed for delivery of the image to the media center?

(NCCTE.9_12.TI.7936.DM203.01)

○A. **Creating**

☑B. **Distribution**

○C. **Planning**

○D. **Technical preparation**

41.

Before the newspaper comes out, Josh needs to put up posters around the school to advertise the website. Josh makes a rough draft of the poster to show the other students before printing. What major quality characteristic needs to be considered before printing the final poster?

(NCCTE.9_12.TI.7936.DM203.01)

☑A. **DPI**

○B. **FPS**

○C. **FTP**

○D. **TRT**

42. Colton uses a scanner to import a photograph of the football team. The blue jerseys are tinted green. How should Colton fix this problem?
(NCCTE.9_12.TI.7936.DM203.01)

○A. **Crop the image**

○B. **Scale the image down**

○C. **Transform the image**

43. Colton is making a digital image of the school mascot. To draw this image he would use what piece of equipment?
(NCCTE.9_12.TI.7936.DM203.01)

○A. **35 mm camera**

○B. **digital camera**

☑C. **drawing tablet**

○D. **tripod**

Draft

44. When creating a digital graphic for a Web design project you must consider all of the following except:
(NCCTE.9_12.TI.7936.DM203.01)

☑A. **DPI**

○B. **Quality of the image**

○C. **Size of the graphic**

○D. **The intended medium**

✓D. Use color correction

45. **Macy was designing a CD cover for a local band. Which is the best graphic format for her to use in designing the cover?**
    (NCCTE.9_12.TI.7936.DM203.01)

    A. AVI

    B. GIF

    ☑C. JPG

    D. MOV

46.
    If you were going to create a graphic that is going to go on a bus, a t-shirt and an airplane and only wanted to create the image one time, which format would you use?

    (NCCTE.9_12.TI.7936.DM203.01)

    A. Bitmap

    B. Low resolution

    C. MOV

    ☑D. Vector

47. **Which of the following is used to pull the design together?**
    (NCCTE.9_12.TI.7936.DM203.02)

    A. Economy

    B. Rhythm

    C. Typography

    ☑D. Unity

48. **Which best describes the design principle of economy?**
    (NCCTE.9_12.TI.7936.DM203.02)

    A. The message that you want to convey to your viewer

    ☑B. The technique of not offering the viewer more than is needed

    C. Use of scaling to create depth

    D. Use of surreal images that stun viewers

49. **Which of the following is defined by its use of values, color, and balance to create a difference in appearance between one object and another?**
    (NCCTE.9_12.TI.7936.DM203.02)

    ☑A. Contrast

    B. Distance

    C. Theme

    D. Unity

50. **Color is represented by which of the following?**
    (NCCTE.9_12.TI.7936.DM203.02)

    A. Contrast

    B. Dots

    ☑C. Hues

    D. Textures

Please use the following scenario for questions 51 through 55:

SCENARIO:
Leah, Ashley, Connor and Austin are volunteering to create a brochure for a non-profit organization. Leah is responsible for all of the planning. Ashley is responsible for all of the technical preparation. Connor is responsible for all of the creating. Austin is responsible for the distribution. Answer the following questions according to each student's role.

51.

The brochure has been completed and Austin exported it as a PDF file. He needs to send a copy to the organization for approval. Which of the following distribution methods will reach the organization the fastest?

(NCCTE.9_12.TI.7936.DM203.02)

- ☑ **A. Email as an attachment**
- ◯ **B. Hand deliver on a flash drive**
- ◯ **C. Mail a CD/DVD**
- ◯ **D. Send a CD/DVD via courier**

52.

Connor has successfully created a digital format of the company logo. However, the logo is too small to fit his layout design. What will he do to fix this problem?

(NCCTE.9_12.TI.7936.DM203.02)

- ◯ **A. Adjust the position**
- ◯ **B. Crop the original image**
- ◯ **C. Edit the background**
- ☑ **D. Scale the image**

53.

The non-profit organization has given Connor a business card with their company logo. What equipment does he need to transfer the image into an electronic format?

(NCCTE.9_12.TI.7936.DM203.02)

- ◯ **A. JPEG file**
- ◯ **B. Microphone**
- ◯ **C. Printer**
- ☑ **D. Scanner**

54. As the person responsible for technical preparation, which of the following would be Ashley's job?
(NCCTE.9_12.TI.7936.DM203.02)

- ◯ **A. Delivering the files to the printer**
- ◯ **B. Establishing a budget**
- ☑ **C. Obtaining the specific equipment**
- ◯ **D. Shooting the pictures**

55. One of Leah's responsibilities includes:
    (NCCTE.9_12.TI.7936.DM203.02)

  ○A. **Crop the image**

  ☑B. **Define the target audience**

  ○C. **Determine the file format needed**

  ○D. **Sketch the layout**

Please use the following scenario for questions 56 through 59:

SCENARIO:
Jessica has been hired to create an animation to promote City Jeans, Incorporated. The business is looking for a realistic animation that shows all images cleanly and that will attract customers. The animation will air on the local TV station.

56. What reason would best describe the purpose of Jessica's animation? (NCCTE.**9_12.TI.7936.DM204.01**)

- ☑ **A. Advertising**
- ○ B. Architectural
- ○ C. Education
- ○ D. Medical

57. What would be the best file format for exporting, knowing that the animation will air on television? (NCCTE.**9_12.TI.7936.DM204.01**)

- ○ A. AIFF
- ☑ **B. MOV**
- ○ C. MP3
- ○ D. TIFF

58. What animation category must Jessica use to guarantee that all images will appear clean and resolution independent? (NCCTE.**9_12.TI.7936.DM204.01**)

- ○ A. Bitmap animation
- ○ B. Kerned animation
- ○ C. Raster animation
- ☑ **D. Vector animation**

59. Which category will provide Jessica with a realistic look for the animation? (NCCTE.**9_12.TI.7936.DM204.01**)

- ○ A. 2D
- ☑ **B. 3D**
- ○ C. Horizontal
- ○ D. Schematic

Please use the following scenario for questions 60 through 63:

SCENARIO:
Luis designed a video game to be played on the Internet. The game consists of clean character images, has a flat appearance and loads quickly.

60. **What was the purpose of Luis's animation?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○ A. **Business**

   ◉ B. **Entertainment**

   ○ C. **Governmental**

   ○ D. **Medical**

61. **What file format should Luis select when exporting the animated vector graphic to the web?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○ A. **MIDI**

   ◉ B. **SWF**

   ○ C. **TGA**

   ○ D. **TIFF**

62. **The flat appearance of the animation categorizes it as:**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○ A. **NTSC format**

   ○ B. **Three dimensional**

   ◉ C. **Two dimensional**

   ○ D. **WYSIWYG**

63. **Which animation category did Luis utilize to design the video game for the web?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○ A. **LCD animation**

   ○ B. **Plasma animation**

   ◉ C. **Vector animation**

   ○ D. **Wooden animation**

Please use the following scenario for questions 64 through 67:

SCENARIO:
Kelly is creating a 2D animation of a horse galloping for her personal website for fun. She moves the horse slightly on each frame to create the illusion of movement.

64. **What was the purpose of Kelly's animation?**
    (NCCTE.9_12.TI.7936.DM204.01)

   ○A. **Business**

   ○B. **Education**

   ☑C. **Entertainment**

   ○D. **Information**

65. **What file format would Kelly choose when exporting her animation for her website?**
    (NCCTE.9_12.TI.7936.DM204.01)

   ☑A. **Animated GIF**

   ○B. **AVI**

   ○C. **PNG**

   ○D. **TIFF**

66. **Which terminology best describes Kelly's two-dimensional animation?**
    (NCCTE.9_12.TI.7936.DM204.01)

   ☑A. **Flat look**

   ○B. **Fluid**

   ○C. **Realistic look**

   ○D. **Systematic**

67. **Kelly utilized what animation category when creating the galloping horse?**
    (NCCTE.9_12.TI.7936.DM204.01)

   ○A. **Carbon copy**

   ☑B. **Flip book**

   ○C. **Motion sensor**

   ○D. **Scanner based**

Please use the following scenario for questions 68 through 71:

SCENARIO:
Sara designed a streaming animation for the school website. The animation has depth and a realistic feel. It is resolution independent and loads quickly when viewed.

68. **What basic concept did Sara utilize when she created the animation for the school website?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○A. Business

   ☑B. Education

   ○C. Kerning

   ○D. Military

69. **What file format did Sara likely use when exporting her animation for the website?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○A. AVI

   ☑B. MOV

   ○C. PDF

   ○D. TIFF

70. **What additional animation category did Sara utilize?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○A. Bitmap animation

   ○B. Raster animation

   ☑C. Vector animation

   ○D. Y-animation

71. **What animation category did Sara use to create the animation?**
   (NCCTE.9_12.TI.7936.DM204.01)

   ○A. 2D program

   ☑B. 3D program

   ○C. OS program

   ○D. Scanner program

Please use the following scenario for questions 72 through 75:

Scenario:
Mark is creating an animated advertisement to enter into a national competition. The animation should look like it has a flat appearance and the movement should change slightly on each frame. The winning animation will be played on television.

72. **What basic concept is Mark utilizing by creating the animation for television? (NCCTE.9_12.TI.7936.DM204.01)**

    ☑A. **Information**

    ○B. **Operations**

    ○C. **Surveillance**

    ○D. **Tracking**

73. **What file format would Mark use when exporting his animation? (NCCTE.9_12.TI.7936.DM204.01)**

    ○A. **DDT**

    ○B. **GIF**

    ☑C. **MOV**

    ○D. **PSD**

74. **In order to achieve slight changes throughout the animation, Mark must utilize which category of animation? (NCCTE.9_12.TI.7936.DM204.01)**

    ☑A. **Frame-based animation**

    ○B. **Numerical animation**

    ○C. **Polar animation**

    ○D. **Systematic animation**

75. **What animation category will Mark use for the competition in order for the advertisement to have a flat look? (NCCTE.9_12.TI.7936.DM204.01)**

    ☑A. **2D program**

    ○B. **3D program**

    ○C. **Audio program**

    ○D. **PAL program**

76. **Which is the purpose of staging: (NCCTE.9_12.TI.7936.DM204.02)**

    ☑A. **To direct the audience's attention to something important**

    ○B. **To give the animation a more realistic feel**

    ○C. **To make sure that the action is represented clearly**

    ○D. **To prepare the audience for an important event**

77. Anticipation is best described as:
    (NCCTE.9_12.TI.7936.DM204.02)

   ○A. A technique used to direct the audience's attention to something important

   ○B. A technique used to help give the animation a more realistic feel

   ○C. A technique used to make sure that the action is represented clearly

   ☑D. A technique used to prepare the audience for an important event

78.
   Tommy wants people to listen to the school radio program in the morning via the Internet. Which delivery method would be best to deliver the radio show to the intended audience?

   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. AVI

   ○B. Loudspeaker

   ○C. Stereophonic

   ☑D. Streaming

79.
   Joan made a recording and is listening to it on her home entertainment system. This system uses five channels of sound to create a more realistic effect. She only hears audio out of the left channel. What type of recording did she make?

   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. kHz

   ☑B. Monaural

   ○C. Stereo

   ○D. Surround sound

80.
   Jake is making a digital portfolio of his audio projects. He wants to share the files over the Internet. What would be the best file type to use in this situation?

   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. DOC

   ○B. DPI

   ☑C. MP3

   ○D. NTSC

81. Terry wants to create a home theater in his den. What type of set-up would produce the most realistic sound?
    (NCCTE.9_12.TI.7936.DM205.01)

   ○A. Cardioid

   ○B. Mono

   ○C. Stereo

   ☑D. Surround sound

82.
   James is recording a speech in the school auditorium. He arrives after the speech has begun. What type of microphone pick-up pattern will he need to use to capture the sound of the presenter from the back of the room?

   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. Cardioid

   ☑B. Shotgun

   ○C. Stereo

   ○D. Triphonic

83. **Tommy connected his electronic piano to his computer to record a song. What audio format allows him to record the tones played on the electronic piano? (NCCTE.9_12.TI.7936.DM205.01)**

○A. DOC

⊘B. MIDI

○C. PDF

○D. SECAM

84.
Phillip is a member of a band. The group wants to place their recorded songs on the Internet. What type of file format would be the most common format used on the Internet?

(NCCTE.9_12.TI.7936.DM205.01)

○A. MIDI

⊘B. MP3

○C. PAL

○D. SND

Please use the following scenario for questions 85 through 87:

SCENARIO:
Jim plans to record the school band concert. He has the following types of equipment: two microphones, microphone cables, headphones, an audio mixer and a computer with audio broadcasting software. The school plans to broadcast this event live over the Internet.

85.
When listening to the concert through the headphones, Jim notices that the audio on the left channel is much lower than the right channel. What does he need to do to remedy the situation?

(NCCTE.9_12.TI.7936.DM205.01)

☑ **A. Adjust the audio volume of the left channel**

◯ **B. Solo the left channel**

◯ **C. Turn the right channel all the way down**

◯ **D. Unplug the microphone**

86. **In order for Jim to stream the audio of the concert over the Internet, what will he need to do to accommodate a large number of listeners?**
(NCCTE.9_12.TI.7936.DM205.01)

◯ **A. Check the length of the microphone cables**

◯ **B. Check the VU meters**

☑ **C. Ensure the school has enough bandwidth**

◯ **D. Raise the levels on the audio mixer**

87. **Due to the fact that Jim as two microphones, what type of recording would you infer that he is going to make? (NCCTE.9_12.TI.7936.DM205.01)**

◯ **A. Mono recording**

☑ **B. Stereo recording**

◯ **C. Surround sound recording**

◯ **D. Transphonic recording**

Please use the following scenario for questions 88 through 91:

Scenario:
Sally is editing an audio project for the SkillsUSA competition. The competition requirements state that her audio project should be 1 minute in length and that the submitted file size does not exceed 3 MB. All audio should be at proper levels, and each project will be submitted on the Internet.

88.
   When Sally exports her audio project, she discovers that her file size is 5 MB. What will she have to do to meet the requirements of the competition?
   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. **Adjust the VU meter**

   ☑B. **Compress the audio**

   ○C. **Over modulate the audio**

   ○D. **Raise the audio levels**

89. What would Sally look at in her editing program to help her determine the audio level of her background music?
   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. **Bin**

   ○B. **The file size**

   ○C. **Timeline**

   ☑D. **VU meters**

90.
   When listening to her audio project Sally discovers that her background music overpowers her voice over. What does she need to do so that the background music does not interfere with the narration?

   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. **Add an echo effect to the voice over**

   ☑B. **Adjust the volume levels**

   ○C. **Compress the file**

   ○D. **Export the left channel**

91. Which of the following items will determine the size of Sally's audio file?
   (NCCTE.9_12.TI.7936.DM205.01)

   ○A. **Frame rate**

   ☑B. **Length of the project**

   ○C. **PPI**

   ○D. **The type of microphone used**

92.

Jane is creating music files to post on her band's website. She knows it is important to create a format that is compatible with the most media players possible. Which format would she most likely use?

(NCCTE.9_12.TI.7936.DM205.02)

○A. AIFF

⊘B. MP3

○C. PDF

○D. WMV

93.

Will is recording music for an album his band is releasing. His audio editing application will record at many different sampling rates. If he wants a quality recording which rate would be best?

(NCCTE.9_12.TI.7936.DM205.02)

○A. 24000 Hz

○B. 32000 Hz

○C. 44.1 Hz

⊘D. 44.1 kHz

94.

Jane is creating music files to post on her band's website. She knows it is important to create a format that is compatible with the most media players possible. Which format would she be most likely to use?

(NCCTE.9_12.TI.7936.DM205.02)

○A. AIFF

⊘B. MP3

○C. MP4

○D. WMV

95. Tommy has a dynamic, shotgun, and lavaliere microphone. In which situation would he use the lavaliere microphone? (NCCTE.9_12.TI.7936.DM205.02)

⊘A. Clipping the microphone to the tie of the interviewee

○B. Laying the microphone on the stage floor

○C. Recording a guitarist

○D. Recording the sound of the ocean from a distance

96. Tommy has a dynamic, shotgun, and lavaliere microphone. In which situation would he use the shotgun microphone? (NCCTE.9_12.TI.7936.DM205.02)

○A. Clipping the microphone to the tie of the interviewee

○B. Laying the microphone on the stage floor

○C. Recording a guitarist

⊘D. Recording the sound of the ocean from a distance

97. Tommy has a dynamic, shotgun, and lavaliere microphone. In which situation would he use the dynamic microphone? (NCCTE.9_12.TI.7936.DM205.02)

○A. Clipping the microphone to the tie of the interviewee

○B. Laying the microphone on the stage floor

⊘C. Recording a guitarist

○D. Recording the sound of the ocean from a distance

Draft

98. **Jack is recording in a professional recording studio. What type of audio cord connection will he most likely use with his microphone?**
   (NCCTE.9_12.TI.7936.DM205.02)

⊘**A.   Canon XLR**

○**B.   Firewire**

○**C.   Mini Plug**

○**D.   USB**

Please use the following scenario for questions 99 through 105:

SCENARIO:
Tony, Bob and Wes are filming a football game at their high school. They will create a promotional video for the athletic department as well as provide a link for viewing the football game in its entirety on the school's website.

99.

Tony is in one end zone while the snap takes place in the opposite end zone. What camera movement is required to get closer to the subject without Tony physically moving?

(NCCTE.9_12.TI.7936.DM206.01)

- ○A. **Panning**
- ○B. **Tilting**
- ○C. **Trucking**
- ✓D. **Zooming**

100. What type of camera composition is required for Bob to capture the facial expression of the kicker after kicking the winning field goal?
(NCCTE.9_12.TI.7936.DM206.01)

- ✓A. **Close up**
- ○B. **Distance angle**
- ○C. **Racking focus**
- ○D. **Wide shot**

101.

Because of the large file size, they are afraid they will lose viewers if they have to wait for the entire download. What is the process that allows viewers to begin watching the game prior to it downloading in its entirety?

(NCCTE.9_12.TI.7936.DM206.01)

- ○A. **Aspect ratio**
- ○B. **Blocking**
- ○C. **Dithering**
- ✓D. **Streaming**

102. Wes wants to capture both the coach's intense look and the player he is speaking with. What needs to be considered when he looks through his viewfinder?
(NCCTE.9_12.TI.7936.DM206.01)

- ○A. **Dot diagramming**
- ○B. **Rule of inches**
- ✓C. **Rule of thirds**
- ○D. **Scaling**

103. **What basic video concept are they trying to achieve with the promotional video? (NCCTE.9_12.TI.7936.DM206.01)**

☑A.   **Advertising**

◯B.   **Educational**

◯C.   **Pixilated**

◯D.   **Precision**

104. **In order to follow the action on the field, which camera movement was not utilized? (NCCTE.9_12.TI.7936.DM206.01)**

◯A.   **Panning**

☑B.   **Streaming**

◯C.   **Trucking**

◯D.   **Zooming**

105. **What file format would be best for exporting the entire game footage? (NCCTE.9_12.TI.7936.DM206.01)**

◯A.   **CDC**

◯B.   **DOC**

◯C.   **JPEG**

☑D.   **MOV**

Please use the following scenario for questions 106 through 110:

SCENARIO:
Peter is creating a promotional video for an American based company. He has hired a production crew to shoot the video footage. The final video will be posted on the Internet.

106. **What broadcasting format should be used to create this video? (NCCTE.9_12.TI.7936.DM206.01)**

    ○A. **DOA**

    ☑B. **NTSC**

    ○C. **PAL**

    ○D. **SECAM**

107. **What basic video concept is the company trying to achieve with this video? (NCCTE.9_12.TI.7936.DM206.01)**

    ☑A. **Advertising**

    ○B. **Entertainment**

    ○C. **Pixilated**

    ○D. **Precision**

108. **It is important to see the President of the company clearly in the video. What type of camera shot should be composed when videotaping this individual? (NCCTE.9_12.TI.7936.DM206.01)**

    ○A. **Blurry shot**

    ☑B. **Close up**

    ○C. **Long shot**

    ○D. **Wide shot**

109. **The script calls for a camera shot that makes the subject appear small and inferior. What camera shot creates this effect?   (NCCTE.9_12.TI.7936.DM206.01)**

    ☑A. **High angle**

    ○B. **Low angle**

    ○C. **Streaming**

    ○D. **Zooming**

110. **What file format would be best for exporting this video? (NCCTE.9_12.TI.7936.DM206.01)**

    ○A. **CDC**

    ○B. **DOC**

    ○C. **JPEG**

    ☑D. **MOV**

Please use the following scenario for questions 111 through 115:

SCENARIO:
Jack has entered a video competition in Europe. He will have to shoot all of the video for the project. The winning video will broadcast on French television.

111. **When videotaping the subject, Jack mentally divides the frame into sections horizontally and vertically. What is this called? (NCCTE.9_12.TI.7936.DM206.01)**

 ○A. **Dot diagramming**

 ○B. **Rule of inches**

 ☑C. **Rule of thirds**

 ○D. **Sectioning**

112.

 To visually capture the subject and its environment in its entirety, Jack would need to utilize what type of camera composition? (NCCTE.9_12.TI.7936.DM206.01)

 ○A. **Close up**

 ○B. **High angle**

 ○C. **Low angle**

 ☑D. **Wide shot**

113. **Jack wants to make his subject appear to be powerful and strong. What camera composition technique should he use? (NCCTE.9_12.TI.7936.DM206.01)**

 ○A. **High angle**

 ☑B. **Low angle**

 ○C. **Panning**

 ○D. **Zooming**

114. **When videotaping, Jack wants to make the subject appear close, but he is unable to move closer to the subject. What camera movement should John use? (NCCTE.9_12.TI.7936.DM206.01)**

 ○A. **Panning**

 ○B. **Streaming**

 ○C. **Trucking**

 ☑D. **Zooming**

115. **What broadcasting format must Jack use for his video? (NCCTE.9_12.TI.7936.DM206.01)**

 ○A. **NTSC**

 ○B. **PSD**

 ☑C. **SECAM**

 ○D. **TIFF**

116. **Which of the following best describes the camera move zoom?**
(NCCTE.**9_12.TI.7936.DM206.02**)

✓A. **Framing an object to appear closer than it actually is without physically moving the camera forward**

B. Physically moving the camera and the stand it's on forward or backward from its current position

C. Physically moving the camera and the stand it's on to the left or to the right of its current position

D. Without moving the stand of the camera, move the camera only left or right from its current position

117. **Which of the following best describes the camera move, pan?**
(NCCTE.**9_12.TI.7936.DM206.02**)

A. Focusing on an object closer or further away from its current position without physically moving the camera

B. Physically moving the camera and the stand it's on forward or backward from its current position

✓C. **Without moving the stand of the camera, move the camera only left or right from its current position**

D. Without moving the stand of the camera, move the camera only up or down from its current position

118. **Which of the following camera move describes the act of physically moving the camera and the stand to the left or to the right of its current location?**
(NCCTE.**9_12.TI.7936.DM206.02**)

A. Dolly

B. Tilt

✓C. **Truck**

D. Zoom

119. **Which of the following best describes the definition of an extreme close-up shot?**
(NCCTE.**9_12.TI.7936.DM206.02**)

A. Shows a character unusually close

B. Shows a character's face and shoulders

C. Shows a little bit of the location surrounding the character and the character's face

✓D. **Shows only part of a character's face**

120. **Which of the following best describes the definition of a wide shot? (NCCTE.9_12.TI.7936.DM206.02)**

○A. **Shows a broad view of the surroundings around the character**

○B. **Shows a character usually cut off across the legs above or below the knees**

⊘C. **Shows an entire character from head to toe**

○D. **Shows one specific aspect of the character**

121. **Which of the following best describes the definition of an extreme wide shot? (NCCTE.9_12.TI.7936.DM206.02)**

⊘A. **Shows a broad view of the surroundings around the character**

○B. **Shows a character usually from the waist up**

○C. **Shows an entire character from head to toe**

○D. **Shows one specific aspect of the character**

Please use the following scenario for questions 122 through 126:

SCENARIO:
Cindy is competing in Web Design at the SkillsUSA competition. The objective is to create a business website for Computers America. The design must include interactive buttons, links to other sites, a way for customers to search store locations and a means for collecting customer information.

122. What web design feature will Cindy need to utilize to collect information from customers that visit the website? (NCCTE.9_12.TI.7936.DM207.01)

○A. **GUI**

○B. **Image map**

○C. **Rollover**

◉D. **Web form**

123.
To create a store locator for her website, Cindy has designed an interactive map of the United States. Clicking on each state will take users to a list of stores located in that area. What web design feature did she use?

(NCCTE.9_12.TI.7936.DM207.01)

○A. **Dithering**

◉B. **Image map**

○C. **Kerning**

○D. **Rollover**

124. In order for Cindy to connect to pages outside the website she created, she would need to use which web design feature? (NCCTE.9_12.TI.7936.DM207.01)

○A. **Browser**

○B. **Digitizing**

◉C. **Hyperlink**

○D. **Monogram**

125. What Web design feature will Cindy need to use to make her navigation buttons change when a cursor moves over them? (NCCTE.9_12.TI.7936.DM207.01)

○A. **GUI**

○B. **Image map**

◉C. **Rollover**

○D. **Web form**

126.

Cindy has decided that she does not want to type code to create her website. What type of program can she use to design her site so that the site will look as it will appear to the end user?

(NCCTE.9_12.TI.7936.DM207.01)

○ A. **Audio editing program**

○ B. **SECAM program**

○ C. **Video editing program**

● D. **WYSIWYG program**

Please use the following scenario for questions 127 through 131:

SCENARIO:
Brad is making a family website. He wants the homepage to contain a family portrait, where clicking on each member will take you to a different page about that family member. On each member page he wants to create a photograph that changes from a baby picture to a current picture as the mouse moves over the image. Brad wants to include a survey to gather historical family information as well.

127.
Brad downloaded a web design program from the Internet. This program allows him to design and manipulate the website without using programming code. What type of design program is this?

(NCCTE.9_12.TI.7936.DM207.01)

○ A. NTSC

○ B. PAL

○ C. SECAM

☑ D. WYSIWYG

128. What web design feature will allow Brad to collect the information about his family members on his website?
(NCCTE.9_12.TI.7936.DM207.01)

○ A. Image map

○ B. PDF

○ C. TIFF

☑ D. Web form

129.
On each page of the family site there is a home button. Clicking this button returns the user to the main home page. What web design feature is utilized to create this technique?

(NCCTE.9_12.TI.7936.DM207.01)

☑ A. Hyperlinks

○ B. Scaling

○ C. Surround sound

○ D. Web form

130. What web design feature will Brad use in order to make the baby picture change into a current photograph on his website?
(NCCTE.9_12.TI.7936.DM207.01)

○ A. Aspect ratio

○ B. Frame rate

☑ C. Rollover

○ D. Synchronization

—— Draft ——

131. What web design feature does Brad need to implement to create his interactive family portrait?
(NCCTE.9_12.TI.7936.DM207.01)

○A. GUI

☑B. Image map

○C. PAL

○D. Web form

—— Draft ——

Please use the following scenario for questions 132 through 137:

SCENARIO:
Rachel is making a team website. She wants the homepage to contain a team portrait, where clicking on each member will take you to a different page about that player. On each player's page she wants to create an image that changes from a photograph to the player's stats as the mouse moves over the image. Rachel plans to include a fan comments section on the site as well.

132.
Rachel created the team website so that users could easily move between pages. What type of Web feature is described? **(NCCTE.9_12.TI.7936.DM207.02)**

⚪A. **Framing**

✅B. **Navigation**

⚪C. **Scaling**

⚪D. **TCP/IP**

133.
Rachel created the team website using a program that allowed her to design and manipulate the website without using programming code. What type of design program is this?

(NCCTE.9_12.TI.7936.DM207.02)

⚪A. **NTSC**

⚪B. **PAL**

⚪C. **QWERTY**

✅D. **WYSIWYG**

134. How will Rachel create a page on her site for fan comments? **(NCCTE.9_12.TI.7936.DM207.02)**

⚪A. **Image map**

⚪B. **MIDI**

⚪C. **TIFF**

✅D. **Web form**

135. What Web feature would Rachel use to send the viewer back to the homepage? **(NCCTE.9_12.TI.7936.DM207.02)**

✅A. **Hyperlink**

⚪B. **PAL**

⚪C. **Scaling**

⚪D. **Web form**

136. **What Web design feature will Rachel use to make the player photos change into statistical information on the website? (NCCTE.9_12.TI.7936.DM207.02)**

○ A. **Frame rate**

○ B. **Leading**

☑ C. **Rollover**

○ D. **Synchronization**

137. **What Web design feature does Rachel need to implement to create an interactive team portrait that links to player pages? (NCCTE.9_12.TI.7936.DM207.02)**

☑ A. **Image map**

○ B. **PAL**

○ C. **Proxy**

○ D. **Web form**

Please use the following scenario for questions 138 through 142:

SCENARIO:
Malcolm is competing in a Web design competition at his high school. All websites must include interactive buttons, links to other sites, a map of the school and a means for collecting information.

138. **What web design feature will Malcolm need to utilize in order to collect information on his website?**
(NCCTE.9_12.TI.7936.DM207.02)

○A. **GUI**

○B. **Image map**

○C. **Rollover**

⊘D. **Web form**

139.
Malcolm has designed an interactive map of his school campus. He created multiple links on the map. Each link is associated to a room and when clicked it reveals teacher information. What Web design feature is described?

(NCCTE.9_12.TI.7936.DM207.02)

○A. **Dithering**

⊘B. **Image map**

○C. **Kerning**

○D. **Web form**

140. **Malcolm is able to navigate to pages within the website he creates by utilizing which Web design feature?**
(NCCTE.9_12.TI.7936.DM207.02)

○A. **Capturing**

○B. **Digitizing**

⊘C. **Hyperlink**

○D. **Scaling**

141. **What web design feature will Malcolm use to make navigation buttons change when a cursor moves over them?**
(NCCTE.9_12.TI.7936.DM207.02)

○A. **Image map**

⊘B. **Rollover**

○C. **Tracking**

○D. **Web form**

─── Draft ───

142.

Malcolm has decided that he does not want to type the markup language to create the website. What type of program can he use to design his site so that it will look as it will appear to the end user?

(NCCTE.9_12.TI.7936.DM207.02)

○ **A.   Paper editing program**

○ **B.   SECAM program**

○ **C.   Video editing program**

☑ **D.   WYSIWYG program**

Please use the following scenario for questions 143 through 147:

SCENARIO:
Shadasha is selling products on her website. She has all of her products listed with a description and a picture of each product. To view a larger image of her products, the user can click on the picture to see it in more detail. The user can also view the price of any product by moving the mouse over a picture. There is also a navigation bar that allows users to navigate from one web page to the next to view all of the products.

143. Shadasha doesn't like to create websites using a visual editor. She prefers using programming code. What is a Web design visual editor called?
(NCCTE.9_12.TI.7936.DM207.02)

○A. **Hyperlink**

○B. **Pixilation**

○C. **Web form**

☑D. **WYSIWYG**

144. What Web design feature would a customer use on Shadasha's website to enter billing and shipping information?
(NCCTE.9_12.TI.7936.DM207.02)

○A. **GUI**

○B. **Image map**

○C. **Rollover**

☑D. **Web form**

145. The user can quickly and easily move within the website using what web feature?
(NCCTE.9_12.TI.7936.DM207.02)

○A. **Kerning**

☑B. **Navigation system**

○C. **Tracking**

146. When the user clicks on the picture of each product and a larger picture is revealed what Web design feature is utilized?
(NCCTE.9_12.TI.7936.DM207.02)

○A. **Browser style**

○B. **Embedded audio**

○C. **GUI**

☑D. **Hyperlink**

147. When the user moves over the picture of each product and the price is revealed what web design feature is utilized?
(NCCTE.9_12.TI.7936.DM207.02)

○A. **GUI**

○B. **Image map**

☑C. **Rollover**

○D. **Web form**

○D.   **Web form**