

Pre Evaluation Film Technology 2005



Directions For Numbers 1-25 : Read each of the following multiple-choice items and the possible answers carefully. Mark the letter of the correct answer on your answer sheet or as instructed by your teacher. **Remember: Make no marks on this test.**

1

Leadroom is necessary when the object moves:

- A Up and down.
- B Toward the camera.
- C Away from the camera.
- D Sideways.

2

What are the four basic elements of a camera chain?

- A Camera, switcher, preview monitors, CCU
- B Camera head, CCU, camera pedestal, lens
- C Camera head, sync generator, power supply, CCU
- D Power supply, pickup device, viewfinder, camera head

3

Which type of editing refers to creating a logically sequenced story despite the fact that great chunks of the story are actually missing?

- A Complexity editing
- B Juxtaposition
- C Special effects editing
- D Continuity editing

4

In video, to “pan” is what type of camera movement?

- A Pivoting the camera up and down
- B Pivoting the camera left to right
- C Moving the camera left to right
- D Moving the camera toward or away from the object

5

Which method of brainstorming allows you to write a single word in the middle of a page and then branch off from that word to similar words?

- A Clustering
- B Word association
- C Spidering
- D Web mapping

6

A medium shot shows:

- A Waist to head.
- B A tight view of a face or object.
- C Head to shoulders.
- D Feet to head.

7

What part of the camera support is used to create movements such as tilts or pans?

- A Steadicam
- B Truck
- C Head
- D Dolly

8

The ability of a student or teacher to include a very short segment of a copyrighted song on an educational video for in-house screening is based on:

- A Copyright infringement.
- B Public domain laws.
- C Fair use doctrine.
- D Royalty-free CDs.

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9 For interviewing techniques, which statement is less true than the other statements?

- A Never give the microphone to the person being interviewed.
- B The person being interviewed should be looking 20 degrees off camera towards the reporter.
- C Ask questions that require a complete sentence answer.
- D Checking your sound occasionally to make sure it's working.

10 What is the correct order of these steps during production scheduling?

- #1 Backtrack with number of editing days
- #2 Add 2-3 days for absences
- #3 Figure out due date for project
- #4 Backtrack with number of taping days

- A 1, 2, 3, 4
- B 2, 4, 1, 3
- C 1, 4, 2, 3
- D 3, 1, 4, 2

11 During problem analysis, which question is **MOST** likely to be asked?

- A Who will be watching the video?
- B How will the video's success be measured?
- C Why is there a need for this video?
- D Are both sides of the issue included in this video?

12 A light placed 45 degrees to the side of the subject, which washes the shadow, softens the image and raises the overall illumination of the subject is called the:

- A Spot light.
- B Key light.
- C Back light.
- D Fill light.

13 Which microphone uses amplification by sound waves alone on a moving coil transducer surrounded by a magnetic field?

- A Dynamic
- B Ribbon
- C Condenser
- D Super-cardioid

14 What type of microphone do **MOST** news anchors use?

- A Shotgun
- B Studio
- C Lavalier
- D Ribbon

15 To effectively target a particular group with a video message, it is important to know that group's characteristics such as age, gender, and income level. Finding out this information is known as:

- A Marketing research.
- B Brainstorming.
- C Script development.
- D Broadcasting.

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16 Complete the following time code calculation:

$$00:03:01,12 - 00:02:13,13 =$$

- A 00:00:47,29
- B 00:00:48,29
- C 00:01:12,25
- D 00:05:14,25

17 Which principle or rule of composition divides the camera frame into three equal sections?

- A Fire hosing
- B Rule of thirds
- C Crossing the axis
- D Medium shot

18 A lighting director measured 300 footcandles on the subject from the key light and 75 footcandles from the fill light. What is the lighting contrast ratio?

- A 3:1
- B 4:1
- C 75:300
- D 300:75

19 Complete the following time code calculation:

$$00:01:42,28 + 00:02:17,17 =$$

- A 00:02:95,45
- B 00:03:01,15
- C 00:04:00,15
- D 00:04:30,45

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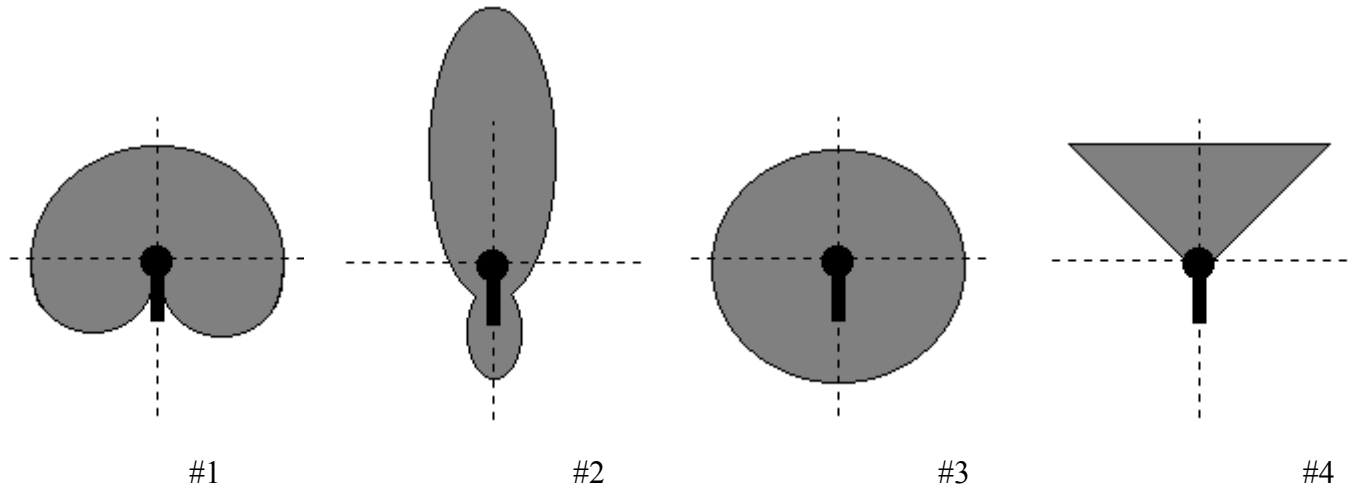


Fig.FT13.01

- 20** Using Fig.FT13.01, which microphone pickup patterns corresponds to a shotgun microphone?
- A #1
 - B #2
 - C #3
 - D #4
- 21** A person sees a video as continuous motion when in fact the video is made up of many still photos. What principle does this address?
- A Electronic symmetry
 - B Persistence of vision
 - C Rapidity of sequencing
 - D Chromatography
- 22** Which type of system uses a waveform to record a source?
- A Digital
 - B Analog
 - C Streaming
 - D Hxadecimal
- 23** What is the average color temperature of daylight?
- A 1200 K
 - B 3200 K
 - C 5600 K
 - D 8100 K
- 24** Video editing that uses random access video storage is:
- A Linear editing.
 - B Non-linear editing.
 - C Tape to tape.
 - D Analog.
- 25** Which process eliminates redundant data in order to save disk space when transmitting video and audio data files?
- A Compression
 - B Digital artifacts
 - C MPEG III
 - D Pixels

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?	⊙	Answer/ Scale	Objective	?	⊙	Answer/ Scale	Objective
1	1	D	FT13.03 Technology	14	14	C	FT13.03 Technology
2	2	C	FT13.03 Technology	15	15	A	FT13.03 Technology
3	3	D	FT13.03 Technology	16	16	A	FT13.01 Math
4	4	B	FT13.03 Technology	17	17	B	FT13.01 Math
5	5	A	FT13.03 Technology	18	18	B	FT13.01 Math
6	6	A	FT13.03 Technology	19	19	C	FT13.01 Math
7	7	C	FT13.03 Technology	20	20	B	FT13.01 Math
8	8	C	FT13.03 Technology	21	21	B	FT13.02 Science
9	9	D	FT13.03 Technology	22	22	B	FT13.02 Science
10	10	D	FT13.03 Technology	23	23	C	FT13.02 Science
11	11	C	FT13.03 Technology	24	24	B	FT13.02 Science
12	12	D	FT13.03 Technology	25	25	A	FT13.02 Science
13	13	A	FT13.03 Technology				

Total questions on test: 25

Minimum points
required to achieve
mastery category

Objectives measured: 3	Items	Points	●	◐	Questions measuring this objective
FT13.03 Technology	15	15	11	10	1 2 3 4 5 6 7 8 9 10 11
FT13.03 Technology					12 13 14 15
FT13.01 Math	5	5	4	3	16 17 18 19 20
FT13.02 Science	5	5	4	3	21 22 23 24 25
Totals		25	19	16	

FT13

? = Test Question Number ⊙ = line on GP Form

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Items used in test

?	Item name	?	Item name	?	Item name
1	FT13.03.00.08	10	FT13.03.00.03	18	FT13.01.00.03
2	FT13.03.00.05	11	FT13.03.00.15	19	FT13.01.00.05
3	FT13.03.00.14	12	FT13.03.00.11	20	FT13.01.00.04
4	FT13.03.00.06	13	FT13.03.00.13	21	FT13.02.00.01
5	FT13.03.00.01	14	FT13.03.00.12	22	FT13.02.00.02
6	FT13.03.00.09	15	FT13.03.00.02	23	FT13.02.00.03
7	FT13.03.00.07	16	FT13.01.00.01	24	FT13.02.00.04
8	FT13.03.00.04	17	FT13.01.00.02	25	FT13.02.00.05
9	FT13.03.00.10				

FT13

? = Test Question Number ● = line on GP Form