



SECTION 2

TEST I SAMPLE QUESTIONS

This section of the Georgia Assessments for the Certification of Educators® (GACE™) Preparation Guide provides sample selected-response questions with an annotated answer key for you to review as part of your preparation for the test. The sample selected-response questions are designed to illustrate the nature of the test questions. Work through the questions carefully before referring to the annotated answer key, which follows the sample selected-response questions. The answer key provides the correct response to each question, describes why each correct response is the best answer, and lists the objective within the test framework to which each question is linked.

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QUESTIONS

- Brush and ink is the most effective medium to use when an artist desires which of the following results?
 - uniform, continuous lines
 - rough, irregular lines
 - flowing, thick-to-thin lines
 - fine, sharp lines
- In film photography, the aperture is used to control the:
 - amount of time the film is exposed to light.
 - sharpness of the image.
 - amount of light that reaches the film.
 - angle positioning of the lens.
- When creating a clay sculpture, an artist can prevent the work from cracking as it dries by:
 - periodically misting the work with water during the drying process.
 - placing the work in front of a fan.
 - placing the work in open sunlight.
 - covering the work loosely with plastic.
- To increase the strength of the dye used in a work of tie-dye, an artist should:
 - add salt to the dye.
 - use a synthetic blend fabric.
 - heat the dye to boiling.
 - allow the fabric to air dry.

5. An artist is creating a mixed-media work by scanning an image of a newspaper advertisement and adding drawings and text around the central focus of the advertisement. The artist's use of the advertisement image is most likely to be considered a violation of the doctrine of fair use under federal copyright law if:
- A. the quality of the original advertisement's images is not preserved.
 - B. all or a significant portion of the original advertisement is used.
 - C. the original advertisement is altered so it becomes unrecognizable.
 - D. the new work is intended for a different potential market than that of the original advertisement.
6. In the process of creating works of computer art, it is most important for the artist to make a choice of computer software that:
- A. minimizes the amount of memory required to run the program.
 - B. is capable of producing the effects and qualities that the artist desires.
 - C. is compatible with a wide variety of hardware components.
 - D. includes preprogrammed effects and filters.

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7. Use the reproduction below of a scene from the Broadway show *Evita* to answer the question that follows.



Evita is a musical about the life of Eva Perón, the wife of the President of Argentina from 1946–1952. In the production shown above, images of Perón are projected onto a screen above the actors throughout the performance. This use of the visual arts in theater primarily serves the purpose of:

- A. establishing a realistic style for the production.
- B. indicating the historical period in which the action occurs.
- C. defining the space in which the actors perform.
- D. reinforcing the biographical nature of the story line.

8. Which of the following visual art forms best demonstrates the scientific concept that some substances attract one another, while other substances are mutually repellent?
- A. block printing
 - B. enameling
 - C. oil painting
 - D. batik
9. An artist is following the traditional method used to create Adinkra cloth in Ghana. The artist carves stamps of commonly used Adinkra symbols and attaches them to handles, then uses them to stamp designs onto cloth that has been divided into sections. The artist can best extend this experience to gain a deeper understanding of Ghanaian culture by:
- A. identifying other art forms that are common in Ghanaian culture.
 - B. researching the meanings of the symbols that he or she is using.
 - C. identifying similarities between Adinkra cloth and the cloths of other cultures.
 - D. using authentic Ghanaian materials to create the final artworks.
10. An artist would like to create a sculpture that appears to be fragile but is strong enough for an adult to sit on. The artist makes several attempts to create this work, using different types of media and techniques in the process of making final artistic choices. This artist's process is most similar to the process used by scientists working in research and development in that both professions require:
- A. risk-taking.
 - B. independence.
 - C. personal courage.
 - D. self-reliance.

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■ Acknowledgments

Question Number	Copyright Information
7	Scene from <i>Evita</i> . Photograph by Martha Swope. As appears in Abel, L. (Ed.) <i>Theatre: Art in Action</i> . Lincolnwood, IL: NTC/Contemporary Publishing Group, Inc. 1999, p. 480. Reprinted with permission.

ANNOTATED ANSWER KEY

For question	The correct response is	Reason	Test Objective
1	C	In brush-and-ink drawing, liquid ink is used, sometimes mixed with water, and the brush used is generally flexible (e.g., a Japanese brush or a flexible watercolor brush). The flexible brush holds a substantial amount of ink and allows the artist to control the amount of ink released in any particular area and the width of the line he or she creates. By increasing and decreasing the amount of pressure applied to the brush, the artist can create continuous, flowing, thick-to-thin lines.	0001
2	C	The aperture is the size of the opening in the iris diaphragm inside the lens of a traditional film camera. The size of the opening regulates the amount of light that reaches the film. On most cameras, the choices of aperture openings are expressed as f-stop numbers, which represent the diameter of the aperture divided by the focal length of the lens.	0002
3	D	As clay dries, it loses its water content to evaporation, causing it to shrink. When clay is allowed to dry uncovered in an open space, the clay on the surface tends to dry more quickly than the clay underneath it, causing the surface clay to crack. Covering a clay sculpture loosely with plastic as it dries controls the humidity surrounding the sculpture, slowing the loss of water from the surface of the clay to a rate more similar to that of the underlying clay, which allows the entire piece to cure properly.	0003
4	A	The addition of salt to a dye bath causes a chemical reaction that improves the migration of the dye to the fabric being dyed. This chemical reaction forces the dye out of the water and onto the fabric, so more dye is deposited on the fabric and less dye remains in the dye bath.	0004
5	B	The work described is a derivative work. As such, it is based on the copyrighted work of another person. According to the doctrine of fair use under federal copyright law, the owner of copyright for the original work—in this case, the newspaper advertisement—has exclusive right to prepare or authorize others to prepare a derivative work. If the mixed-media artist wishes to use the newspaper advertisement in this work, he or she must get permission from the copyright holder. The one exception to this rule is if the derivative work is a specific parody of the original work.	0005

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For question	The correct response is	Reason	Test Objective
6	B	When selecting software for use in creating works of computer art, the artist must consider the effects and qualities he or she wishes to incorporate into his or her computer art works. This information can help the artist to evaluate the capabilities of the various software choices and select the software that best supports achievement of his or her creative vision.	0006
7	D	In this production of <i>Evita</i> , the stage is mostly bare and the sets are sparing. In the scene depicted in the photograph, the stage is populated only with chairs and actors in period costumes. The projection of large images of the real-life Eva Perón create the sense that her presence literally looms over the action on the stage, reminding the audience of the actual life story on which the musical is based.	0007
8	D	In batik, the artist uses hot wax to draw a design on a natural-fiber fabric, then the fabric is dyed. The wax is used to protect the fabric from the dye, as the wax and the liquid dye are mutually repellent, so the areas protected by the wax do not take on the color of the dye. At the same time, the natural fibers in the fabric attract the dye, causing the unprotected areas to take on the color of the dye.	0008
9	B	The function of a garment made with Adinkra cloth is determined by the message conveyed by the combination of symbols on the cloth, as well as the cloth color. Traditionally, Adinkra cloth was used for mourning garments, but more recently Adinkra cloth made with other motifs and on different color cloth has been used for celebrations such as weddings. By researching the meanings of the symbols used in Adinkra cloth, the artist will be able to understand more clearly the messages created by combining particular symbols and cloth color and how this form of visual art communicates concepts relating to the beliefs, attitudes, and values of Ghanaian culture.	0009
10	A	The example of the artist's creative process indicates that he or she is willing to formulate ideas about how something might work, then try out those ideas, even though there is no guarantee of success. Scientists in the field of research and development use the same process when conducting experiments to test hypotheses. Through their willingness to risk trying something new to learn whether it works, both the artist and the scientist can learn from their failures and use what they learn to help them find a successful solution to whatever problem they are trying to address.	0010