



**Keystone National High School Placement Exam**

***Honors Courses***

After scoring this exam, record your total score here: \_\_\_\_\_

**1. What is the difference between a right and a privilege? (Make sure you provide a full explanation and examples. It is always important to be specific when completing Honors activities and essays.)**

<b>4 points</b>	Answer provides clear and well-explained definition for both terms (at least 2 sentences) and uses at least 3 specific details and examples to show the differences.
<b>3 points</b>	Answer provides brief definition of terms (one or two sentences) and provides 1 or 2 details and/or examples to support explanation of the differences.
<b>2 points</b>	Provides 1 or 2 details and/or examples to support explanation of the differences, but does not give definition of terms.
<b>1 point</b>	Provides simplistic comparison such as “rights are guaranteed and everyone has them, but privileges must be earned.”
<b>0 points</b>	No answer given.

Score for Question 1 \_\_\_\_\_

**2. Which is more important to life on earth, clean air or clean water? (Make sure you provide a full explanation and examples. It is always important to be specific when completing Honors activities and essays.)**

<b>4 points</b>	Answer acknowledges the importance of both clean air and water. Provides solid examples for both, and possibly acknowledges how the two are connected. Answer may take a stand on which is more important.
<b>3 points</b>	Answer takes a stand and provides some reasoning and examples of why one is more important than the other.
<b>2 points</b>	Answer takes a stand and provides some examples OR reasoning, but doesn't do both.
<b>1 point</b>	Answer simply identifies which is more important and gives little or no reasoning or feedback.
<b>0 points</b>	No answer given.

Score for Question 2 \_\_\_\_\_



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**3. One evening you are watching your favorite television show, and it hits you, “ \_\_\_\_\_ is exactly what I’d like to do for my career!” Design a plan that you would follow to pursue that career. (Make sure you provide a full explanation and examples. Consider what outside sources you will need and include them in your explanation.)**

*Answers may vary, but should include some of the following elements:*

- Contact people currently working in the chosen field and ask questions.
- Use internet and/or library to research chosen career.
- Identify what degrees, licensing, or certification might be necessary or helpful.
- Identify what colleges/programs offer instruction in the field.
- Identify entrance requirements to those programs. Identify the grades or prerequisites that are necessary.
- Plan how to pay for college/programs.

<b>4 points</b>	Answer provides detailed plan that includes 5 or 6 of the steps above, and perhaps a few more, and explains the process in detail.
<b>3 points</b>	Answer provides 4 or 5 of the steps above, and gives some explanation of process.
<b>2 points</b>	Answer provides 3 or 4 of the steps but with little or no explanation of process.
<b>1 point</b>	Provides only simple plan with little research or detail.
<b>0 points</b>	No answer given.

Score for Question 3 \_\_\_\_\_



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**4. After food, fossil fuels are humanity’s most important source of energy. There are three major forms of fossil fuels: coal, oil, and natural gas. These resources take millions of years to make. We are currently using the fuels that were made more than 300 million years ago, before the time of dinosaurs. Fossil fuels are a non-renewable resource; once they are gone, they are gone. What solutions might you suggest to reduce our society’s dependence on them? (Make sure you provide a full explanation and examples. It is always important to be specific when completing Honors activities and essays.)**

Some possible solutions (students may come up with more):

- Find new sources of fossil fuels
- Conservation
- Use fuels more efficiently
- Research alternative sources of energy

<b>4 points</b>	Answer gives at least 3 detailed examples about our use and dependency on fossil fuels. Also discusses short-term measures such as conservation and recognizes that this will not solve the problem since fossil fuels will eventually run out. Suggests continued research and development of alternate renewable forms of energy.
<b>3 points</b>	Answer gives at least 2 detailed examples about our dependency on fossil fuels. Answer includes short-term measures of conservation OR addresses the importance of the research and development of alternative sources.
<b>2 points</b>	Answer gives one or two general examples and an explanation of our dependency on fossil fuels. Proposes some solutions, but may not explain those solutions in depth.
<b>1 point</b>	Answer gives a simple view of the problem with little supporting detail or examples of dependency. Addresses only one point of view.
<b>0 points</b>	No answer given.

Score for Question 4 \_\_\_\_\_



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5. Which of the following is an example of a compare and contrast statement?

- A. Cats and dogs both have four legs and tails, and they both have two eyes and ears. They are also both common household pets.
- B. A square is similar to a rectangle because each has 4 parallel sides and four right angles, but they are different in that each side of a square must be equal length, while a rectangle's sides may be different lengths.
- C. A recent study shows that people prefer chocolate ice cream two to one over vanilla.
- D. Unlike trucks, cars are not good for carrying cargo, and they are more likely to get stuck in bad weather. On the other hand, trucks usually have a rougher ride than cars, and they get worse gas mileage.

<b>2 points</b>	Correct Answer – B <i>Option B is the only one that compares (notes similarities) AND contrasts (notes differences).</i>
<b>0 points</b>	Wrong answer – A, C, D <i>Option A is incorrect because it only compares cats and dogs (notes the similarities).</i> <i>Option C is incorrect because it is merely stating a fact.</i> <i>Option D is incorrect because it notes the pros and cons of trucks.</i>

Score for Question 5 \_\_\_\_\_



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**6. Which of the following would be the most likely result if a tropical storm caused severe damage to the coffee fields of Brazil resulting in a reduced supply?**

- A. The price of coffee would go up, and coffee shops would have to hire more people.**
- B. Other coffee-producing countries would raise prices and try to increase coffee production.**
- C. Cheap coffee would remain unaffected, but higher quality specialty coffees would become very expensive.**
- D. Coffee prices will drop dramatically.**

<b>2 points</b>	Correct Answer – B <i>Option B is correct because the reduced supply of coffee from Brazil would raise prices, and those countries would try to maximize profits by increasing supply to meet the demand.</i>
<b>0 points</b>	Wrong answer – A, C, D <i>Option A is incorrect because the price of coffee would go up, but that would not require coffee shops to hire more people. If anything they might have to reduce labor costs.</i> <i>Option C is incorrect because not enough information is given to draw this conclusion.</i> <i>Option D is incorrect because as the supply of coffee is reduced, prices would increase.</i>

Score for Question 6 \_\_\_\_\_



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**Directions for 7-12: Using the appropriate letter, classify the following as statements that identify (I), describe (D), or explain (E). (You may use a dictionary if you don't know what these terms mean.)**

**7. \_\_\_\_\_ A sundial works by tracing the movement of the shadow cast by the sun as it moves through the sky.**

<b>1 points</b>	Correct Answer – E/Explain
<b>0 points</b>	Wrong Answer – I, D

Score for Question 7 \_\_\_\_\_

**8. \_\_\_\_\_ The five senses are sight, smell, touch, hearing, and taste.**

<b>1 points</b>	Correct Answer – I/Identify
<b>0 points</b>	Wrong Answer – D, E

Score for Question 8 \_\_\_\_\_

**9. \_\_\_\_\_ Mount Rushmore is a huge sculpture carved into the side of a mountain in South Dakota that depicts four important U.S. Presidents.**

<b>1 points</b>	Correct Answer – D/Describe
<b>0 points</b>	Wrong Answer – I, E

Score for Question 9 \_\_\_\_\_

**10. \_\_\_\_\_ The five steps of scientific research are: formulate a research question, formulate a hypothesis, test the hypothesis, analyze the results, and draw conclusions.**

<b>1 points</b>	Correct Answer – I/Identify
<b>0 points</b>	Wrong Answer – D, E

Score for Question 10 \_\_\_\_\_

**11. \_\_\_\_\_ *Huckleberry Finn* is an excellent book. It tells the story of a poor, young, Southern boy and the adventures he has as he sets out on his own.**

<b>1 points</b>	Correct Answer – D/Describe
<b>0 points</b>	Wrong Answer – I, E

Score for Question 11 \_\_\_\_\_



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**12. \_\_\_\_\_ To help me decide whether or not I want to go out on the weekend, I do the following: talk to my friends to see what they are doing, think about how much money I have, and consider how much homework or chores I have that need to be done.**

<b>1 points</b>	Correct Answer – E/Explain
<b>0 points</b>	Wrong Answer – I, D

Score for Question 12 \_\_\_\_\_

**Directions for 13-16: Read the excerpts below summarizing the points of view of two scientists and answer the questions that follow.**

Scientist A

Just as in the medical sciences, research with animals has resulted in major achievements in psychology. This research has contributed to important benefits for human beings. For example, the biofeedback technique, which I and many other people use to control high blood pressure, had its origins in studies using rats and other animals. Accusations of cruelty toward research animals are unsupported.

A study that investigated 600 of these alleged accusations did not support the charge of cruelty. This is not to say that some instances of cruelty do not occur. However, these instances are infrequent and not typical of psychological experiments. Researchers must follow rigid guidelines to ensure the humane and sensitive treatment of research animals.

Most people do not think that animals share the characteristics that allow them the same rights as humans. Even advocates of animals' rights condone pet sterilization, disregarding the animals' right to breed.

Scientist B

As a graduate student, I witnessed many instances of cruelty to animals in various research projects. However, of the many experiments done on animals, only a few contributed to important medical or psychological research. A vast number of experiments are used for commercial purposes: to test new shampoos, cosmetics, food additives, or detergents.

People have to realize that species vary, and tests performed on one species do not necessarily yield the same results on another. For example, the use of thalidomide by pregnant women resulted in deformities in many of their babies. Yet giving thalidomide to pregnant laboratory cats, rats, monkeys, hamsters, and chickens failed to result in deformities in the baby animals. Similarly, if the results of the effects of penicillin on guinea pigs had been applied to humans, penicillin would never have been used on people.

There can be no doubt that animals involved in psychological research suffer. The suffering research animals endure should encourage researchers to find alternative methods for studying various psychological issues. One cannot say that animal research can never be justified. If a single experiment involving animals could cure a major disease, then such use could possibly be justified. However, this situation is rare and almost nonexistent.



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**13. Which of the following statements can be inferred from the above statements? (You may use a dictionary if you don't know what "inferred" means.)**

- A. In chemical experiments, cats, rats, monkeys, hamsters, and chickens will always have the same reaction.**
- B. Animal research played no role in the development of the biofeedback technique used to control high blood pressure.**
- C. Penicillin had either no effect or negative effects on guinea pigs.**
- D. Both scientists agree on what constitutes animal cruelty.**

<p><b>2 points</b></p>	<p>Correct Answer – C  <i>While Scientist B doesn't state what effects penicillin had on guinea pigs, we can infer that it was either negative or had no effect on those animals because it supports B's argument that results of experiments differ between species .</i></p>
<p><b>0 points</b></p>	<p>Wrong answer – A, B, D  <i>The excerpt makes no claims regarding option A, states the opposite regarding option B, and neither scientist explains their definition on animal cruelty, so no judgment can be made on option D.</i></p>

Score for Question 13 \_\_\_\_\_



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**14. Based on what you read in the statement, explain all the factors you think might be influencing Psychologist A’s point of view.**

*Answer should contain the following:*

- A’s belief that animal research results in benefits for human beings
- A’s belief that reports of cruelty have been unsubstantiated
- A’s belief that rigid guidelines ensure the humane treatment of animals
- A’s belief that animals do not share the characteristics that would allow them the same rights as humans
- The biofeedback technique that A uses helps control his blood pressure.
- The study A cites that shows alleged accusations do not support charges of cruelty.

<b>4 points</b>	Addresses 5 or more of the listed influences and may include original ideas presented by student.
<b>3 points</b>	Addresses 4 of the listed influences.
<b>2 points</b>	Addresses 3 of the listed influences.
<b>1 point</b>	Only addresses 1 or 2 of the listed influences.
<b>0 points</b>	No answer given.

Score for Question 14 \_\_\_\_\_



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**15. Which of the following statements are verifiable statements and not opinion?**

- A. Thalomid given to pregnant women resulted in deformities, but the same results do not occur with cats, rats, monkeys, hamsters, and chickens.**
- B. Only a few of the experiments using animals as subjects contribute to important research.**
- C. Accusations of cruelty toward research animals are unsupported.**
- D. A and B.**

<b>2 points</b>	Correct Answer – A <i>A can be verified by research.</i>
<b>0 points</b>	Wrong answer – B, C, D <i>Both B and C contain statements of opinion.</i>

Score for Question 15 \_\_\_\_\_

**16. Discuss and defend your views on using animals in research projects. (Make sure you provide a full explanation and examples. It is always important to be specific when completing Honors activities and essays.)**

<b>4 points</b>	Answers will vary based on personal opinion, but an excellent answer will fully explain reasoning for the writer’s position on this topic and provide a logical defense that may utilize some arguments from the excerpt. Examples may be included to support the writer’s position. An excellent answer will acknowledge both sides of the argument by showing an understanding of the opposing side.
<b>3 points</b>	Answers will vary based on personal opinion, but an average answer will give a reasonable amount of explanation based on the writer’s position and include some degree of detail. Examples may also be included to support the writer’s position.
<b>2 points</b>	Answer makes some attempt to explain and defend opinion, but with little specific detail.
<b>1 point</b>	Answer gives a simplistic view and may simply offer the student’s opinion with no explanation.
<b>0 points</b>	No answer given.

Score for Question 16 \_\_\_\_\_