

Academic Fest 2019 – Elementary Science Sample

Rules for Science

1. **Eligibility:** Students entering grades 6th through 8th in school year 2019 – 2020.
2. About the Test:
 - a. Time : 40 minutes
 - b. Questions : 50
 - c. All the questions have multiple choice answers. All problems have ONE and ONLY ONE correct [BEST] answer. There is penalty for all incorrect answer.
 - d. All problems answered correctly are worth FIVE points. TWO points will be deducted for all problems answered incorrectly. No points will be added or subtracted for problems not answered.
 - e. Simple scientific calculator is allowed, however graphing calculator is not permitted.
 - f. In case of ties, percent accuracy will be used as a tie breaker.
 - g. Books, scrap papers or any supporting documents will not be allowed in the test room. Contestants will be provided with the scrap papers, pencil and eraser. However, they are allowed to bring their own pencils and eraser.
3. Contestants should arrive on time to get benefit of the full duration of 40 minutes. If any contestant arrives after the beginning of the contest, he/she will get only the remaining time to finish the contest.
4. Each contestant must write his/her contestant ID only on the answer-sheet for the answer-sheet to be evaluated.
5. Each contestant must return the answer sheet to the coordinator at the end of the test duration.
6. No Parents/Guardians/visitors will be allowed in the test room during the test.
7. The judges' decisions will be final.

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1. A poisonous snake that is not native to Texas is the
A. cobra B. rattlesnake C. copperhead D. coral
2. What is an organic compound that is used in the forming of proteins?
A. carbolic acid B. formic acid C. citric acid D. amino acid
3. The processes that balance the production, storage, and consumption of energy in an organism is:
A. photosynthesis B. homeostasis C. respiration D. recreation
4. Choose the best answer to describe how many hours it takes the Earth to rotate once on its axis:
A. 12 B. 24 C. 365 D. 168
5. Of these elements, which has the heaviest atom?
A. uranium B. lead C. iron D. gold
6. A group of lions is called a pride. A group of lobsters is called a pod or a:
A. clutter B. brood C. risk D. scurry
7. The soft spot on a human infant's head is called the:
A. allele B. capillary C. corpus D. fontanel
8. What animal family includes the spaniel and the terrier?
A. monkey B. squirrel C. dog D. cat
9. Waxing crescent, waning gibbous and new are names for _____.
A. asteroids B. phases of the moon C. clouds
D. types of tropical storms

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10. Which planet has several moons, which include Io, Gannymede and Europa?
A. Uranus B. Jupiter C. Saturn D. Neptune

Bihar Association Of North America, Houston

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Answer Key

1. A
2. D
3. B
4. B
5. A
6. C
7. D
8. C
9. B
10. B

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