

2018 SEED TRIVIA QUESTIONS Listed by Exhibit Location

N. Augusta-Belvedere Radio Club/Aiken County Emergency Mgmt. - Wireless Communication, Then & Now Location: QUAD / Exhibit #: QUAD01

#1 What do Amateur(HAM) Radio Stations NA1SS and RSOISS have in common?

Hitchcock Woods Foundation - The Wonders of the Woods! Location: QUAD / Exhibit #: QUAD02

#2 What do box turtles and pine trees have in common?

Aiken/Edgefield County 4-H - There's a cow in my Marshmallow Location: QUAD / Exhibit #: QUAD03

#3 How many stomachs does a cow have?

National Wild Turkey Federation - National Wild Turkey Federation Location: QUAD / Exhibit #: QUAD04

#4 How many eggs does a turkey have a year?

Aiken Beekeepers Association - Honeybees Location: QUAD / Exhibit #: QUAD05

#5 What are some of the jobs of the female bee?

South Carolina Archaeology Public Outreach Division (SCAPOD) - Archaeology Location: QUAD / Exhibit #: QUAD06

#6 What is an artifact?

Savannah River Archaeological Research Program - Hands-On Archaeology Location: QUAD / Exhibit #: QUAD06B

#7 What do archaeologist study?

South Carolina Department of Natural Resources - Archaeology Location: QUAD / Exhibit #: QUAD07

#8 Who are archaeologists?

Double Strike Reptiles - Double Strike Reptiles Location: QUAD / Exhibit #: QUAD08

#9 What is the largest venomous snake in North America?

South Carolina State Museum - Creative Forces in Motion Location: RPSEC GALLERY / Exhibit #: RPSEC13

#10 What are the four basic principles of aerodynamics?

Rainbow tie-dye factory - Rainbow tie-dye factory Location: RPSEC OUTSIDE / Exhibit #: RPSEC01

#11 What is the rainbow's name?

Astronomy Club of Augusta - ACA Astronomy on the Lawn Location: RPSEC OUTSIDE / Exhibit #: RPSEC03

#12 What did IRIS and EUNIS discover that might be one reason the Corona is so hot?

Cold Creek Nurseries - Plants that Bite Back! Location: RPSEC RM 117 / Exhibit #: RPSEC10

#13 How does the Venus flytrap plant attract its prey?

Ruth Patrick Science Education Center - RPSEC - Ravenous Raptors Location: RPSEC RM 117 / Exhibit #: RPSEC11

#14 Do all owls hoot?

Ruth Patrick Science Education Center - RPSEC Live Animals Location: RPSEC RM 117 / Exhibit #: RPSEC12

#15 Where did box turtles get their name?

ACS-SR (American Chemical Society - Savannah River) Local Section - DMC CHEMISTRY (Density - Magnetism - Color) Location: RPSEC RM 214 /

#16 Rank the following in order of increasing density: molasses, water, golden syrup, and vegetable oil.

SC DHEC - Aquatic Insects as Indicators of Water Quality Location: RPSEC RM 217 / Exhibit #: RPSEC14

#17 Name one of the pioneers of using insects to test water quality.

SC DHEC - RADON Awareness Location: RPSEC RM 217 / Exhibit #: RPSEC15

#18 What is Radon?

SC DHEC - Radioactive Hide and Seek Location: RPSEC RM 217 / Exhibit #: RPSEC16

#19 Are there radioactive materials in my body? If so, name one.

SC DHEC - Mining and Reclamation in SC Location: RPSEC SOLARIUM / Exhibit #: RPSEC05

#20 What are three materials mined in SC?

Cyber Instructional Academy - Wind & Solar Energy Location: SAC 2ND FLOOR / Exhibit #: SAC30

#21 Which part of SC would make better use of Wind Power?

North Augusta Middle School - The Incredible, Edible Cell Location: SAC 2ND FLOOR / Exhibit #: SAC31

#22 What is the function of the mitochondria?

Aiken County Habitat for Humanity - Habitat for Humanity Location: SAC 2ND FLOOR / Exhibit #: SAC32

#23 How many words a minute can Jimmy Carter read?

New Ellenton STEAM Magnet Middle School - Puff Mobile and Puff Rockets Location: SAC 2ND FLOOR / Exhibit #: SAC33

#24 List the steps in the Engineering Design Process.

Conservation Voters of South Carolina - Capturing the Energy of the Sun Location: SAC 2ND FLOOR / Exhibit #: SAC34

#25 What is the name of the technology we can use to capture energy from the sun for use in our daily lives?

University of Georgia Savannah River Ecology Lab - Contaminants in Our Lives Location: SAC GYM / Exhibit #: SAC01

#26 What is one way a contaminant can enter the environment?

University of Georgia Savannah River Ecology Lab - Hidden Biodiversity Location: SAC GYM / Exhibit #: SAC02

#27 Why is the Savannah River Site home to tremendous biodiversity?

University of Georgia Savannah River Ecology Lab - Let's Grow Together Pollinator Project Location: SAC GYM / Exhibit #: SAC03

#28 Why are moths also called night butterflies?

Edventure Children's Museum - EdVenture Museums Location: SAC GYM / Exhibit #: SAC04

#29 EdVenture Columbia is celebrating what anniversary?

The Wacky Science Lab - The Wacky Science Lab Location: SAC GYM / Exhibit #: SAC05

#30 How do sharks float in various depths of water?

ASM International - Materials on Fire and Ice Location: SAC GYM / Exhibit #: SAC06

#31 What temperature range does Nitinol change back into its original shape?

Kimberly-Clark Corporation - Paper Making Location: SAC GYM / Exhibit #: SAC07

#32 When was toilet paper on a roll first produced in America?

M'Aiken Magic Robotics Team - M'Aiken Magic Robotics Teams Location: SAC GYM / Exhibit #: SAC08

#33 What is the reason that a ball with holes in it does not fly along a straight path while spinning?

Savannah River Section of the American Nuclear Society - Our Radioactive World Location: SAC GYM / Exhibit #: SAC09

#34 Name 4 naturally occurring radioactive isotopes.

Citizen Nuclear Technology Awareness - Nuclear Technology in Our Modern World Location: SAC GYM / Exhibit #: SAC10

#35 How is nuclear science used in deep space exploration?

SRS Women in Nuclear - SRS Women in Nuclear Location: SAC GYM / Exhibit #: SAC11

#36 True or False: A nuclear reactor can explode like a nuclear bomb.

Aiken County EMS - The Science of Life and Death Location: SAC GYM / Exhibit #: SAC12

#37 What is cardio-pulmonary resuscitation (CPR) and why is it important to know how to do it?

Sparkpoint Innovations - Orbit Earth Expo Location: SAC GYM / Exhibit #: SAC13

#38 Is our moon model the right size for (proportional to) our giant earth model?

Aiken Center for Alcohol and Other Drug Services - Prevention Education Program: Smoking Stinks Location: SAC GYM / Exhibit #: SAC14

#39 Name 5 chemicals found in cigarettes.

City of Aiken Parks, Recreation & Tourism - Energy in Tennis Location: SAC GYM / Exhibit #: SAC15

#40 True or False: The collision between a tennis ball and a tennis racket tends to be more elastic in nature than a collision between a halfback and a linebacker in football.

Southern Nuclear / Plant Vogtle - Southern Nuclear / Plant Vogtle Location: SAC GYM / Exhibit #: SAC16

#41 What is visible above the Plant Vogtle cooling towers?

SRNS - Education Outreach - Binary Baubles... Does Your Computer Speak English? Location: SAC GYM / Exhibit #: SAC17

#42 What language does a computer speak?

Smart911 - Smart911 Location: SAC GYM / Exhibit #: SAC18

#43 How can you give directions to your house without speaking?

Aiken County Stormwater - Keep Our Waters Clean Location: SAC GYM / Exhibit #: SAC19

#44 How much of the earth is fresh water?

Charleston Fossil Adventures, LLC - Fossils of the SC Lowcountry Location: SAC GYM / Exhibit #: SAC20

#45 Fossils found in the Earth's layers typically _____ in age as you dig down from the surface.

Columbia Marionette Theatre-Palmetto Pride - PalmettoPride presents Litter Trashes Everyone Location: SAC LOBBY / Exhibit #: SAC21

#46 Who does litter trash?

USC Aiken - Exercise and Sports Science - Exercise and Health Science Measurements Location: SAC LOBBY / Exhibit #: SAC25

#47 Why is the systolic blood pressure always higher than the diastolic blood pressure (example, 110/70)?

Department of Mathematical Sciences, USCA - Mathematical Games Location: SAC LOBBY / Exhibit #: SAC26

#48 What does tangram mean?

Savannah River Site Volunteers - When Soil Gets Dirty: Edible Earth Parfait Location: SAC LOBBY / Exhibit #: SAC27

#49 What are some things that can be done to prevent soil from becoming "dirty" and therefore keep our drinking water clean?

Aiken Technical College - Aiken Technical College-Industrial Automation Location: SAC LOBBY / Exhibit #: SAC28

#50 What college programs are taught at Aiken Technical College in support of industrial automation?

USC Aiken Student Nurses Association - Chokin' Charlie Location: SAC LOBBY / Exhibit #: SAC29

#51 What is the most common food item that causes choking in children?

USC Aiken Horticulture Club - You should love plants! Location: SAC PATIO / Exhibit #: SAC22

#52 What is propagation?

USCA Psychology Department - The Inside-Out of Emotions Location: SAC PATIO / Exhibit #: SAC23

#53 True or False: Emotions are only experienced in a person's brain.

USC Aiken Neuroscience Club - Neuroscience - come learn about the brain! Location: SAC PATIO / Exhibit #: SAC24

#54 What animal has the biggest brain?

USCA Dept. of Biology and Geology - Plants and Animals Location: SCIENCE BLDG RM 212 / Exhibit #: SCIENCE02

#55 How many hemispheres does a sheep brain have?

USC-Aiken Dept. of Chemistry & Physics - Earth and Space Science Location: SCIENCE BLDG. RM 325 / Exhibit #: SCIENCE01

#56 Why does the moon have more craters than the Earth?