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DIRECTIONS: Read each question. Choose the BEST answer for each question.
1 **R.RO.FI.EB.II.1.e.3a:** Identify ways in which technology is used in everyday life

Recognize which of 3 electronic-technology objects is used for a specified function

A selects the object used for the specified function

B selects an object that does not support the specified function

C selects an object that does not support the specified function

2 **R.RO.FI.EB.II.1.e.3a:** Identify ways in which technology is used in everyday life

Identify the best source of reference information to apply for the specified task

A does not select the best information, via electronic media, for the task

B does not select the best information, via electronic media, for the task

C selects the best information, using electronic media, for the task

3 **L.OR.FI.EB.III.2.e.1a:** Identify characteristics of observable body parts in a variety of animals

Identify the common observable body characteristic among a group of animals

A recognizes the common body characteristic that all animals in the group have

B selects a body characteristic not common for all animals in the group as drawn

C selects a body characteristic not common for all animals in the group as drawn
4 L.OR.FI.EB.III.2.e.1a:
Identify characteristics of observable body parts in a variety of animals

Recognize how an animal uniquely uses its observable and common characteristic among other animals with same characteristic

A selects an animal that does not use the body characteristic for the specified purpose

B identifies the animal that uses the body characteristic for the specified purpose

C selects an animal that does not use the body characteristic for the specified purpose

5 L.OR.FI.EB.III.2.e.3a:
Identify life cycles of familiar organisms

Recognize a difference between complete and incomplete metamorphosis

A selects a development stage common to both complete and incomplete metamorphosis

B recognizes the development stage that is missing from incomplete metamorphosis

C selects a development stage common to both complete and incomplete metamorphosis
6  **L.OR.FI.EB.III.2.e.4a:** Identify the basic life requirements of plants and animals

   Recognize that plants display directed growth to obtain essential life requirements

   **A** selects a resource toward which a plant does not show directed growth to obtain essential life requirements

   **B** selects the basic life requirement for which a plant shows directed growth

   **C** selects a resource for which a plant does not show directed growth to obtain essential life requirements

7  **L.OR.FI.EB.III.2.e.4a:** Identify the basic life requirements of plants and animals

   Recognize the type(s) of organism(s) that have a specified life function

   **A** selects an incomplete set of organisms that have the specified life function

   **B** selects an incomplete set of organisms that have the specified life function

   **C** selects a complete set of organisms that have the specified life function

8  **L.OR.FI.EB.III.2.e.5a:** Identify functions of selected seed plant parts

   Recognize the function of a specified plant part

   **A** selects the process carried out by the specified plant part

   **B** selects a process not performed by the specified plant part

   **C** selects a process not performed by the specified plant part
9 **L.OR.FI.EB.III.2.e.3a:** Identify life cycles of familiar organisms

Place the life cycle stages in order for a specified organism

A inaccurately orders the life cycle stages

B accurately orders the life cycle stages for the organism

C inaccurately orders the life cycle stages

10 **L.HE.FI.EB.III.3.e.1a:** Identify how parents and their young look alike

Recognize which 1 of 3 observable traits is biologically passed from parent to offspring

A selects an observable trait that is not passed biologically from parent to offspring

B selects the observable trait that is biologically passed from parent to offspring

C selects an observable trait that is not passed biologically from parent to offspring

11 **L.HE.FI.EB.III.3.e.1a:** Identify how parents and their young look alike

Using a listing of the physical features of a parent organism, recognize which feature will most likely occur among the offspring

A selects a feature description not likely to be observed among the offspring

B selects a feature description not likely to be observed among the offspring

C selects the feature description most likely to occur
12 L.EV.FI.EB.III.4.e.2a:
Identify how an animal may adapt to its environment

Recognize how specific types of animals adapt to their specified environmental conditions

A selects a general statement that does not indicate adaptation to the specified environmental conditions

B correctly selects a behavior by the animals that is adaptive to the specified environmental conditions

C selects an animal feature that has no bearing on adaptation to the specified environmental conditions

13 L.EC.FI.EB.III.5.e.2a:
Identify the basic requirements for all living things to maintain their existence

Recognize which human activity would temporarily benefit a specified organism’s survival

A selects a human activity that does not benefit the specified organism’s survival

B selects the human activity that provides some support for the specified organism’s survival

C selects a human activity that does not benefit the specified organism’s survival
14 **L.EC.FI.EB.III.5.e.4a:** Identify positive and negative effects of humans on the environment

Recognize the environmental benefit from a specified technological change

- **A** selects the environmental issue that benefits from the technological change
- **B** selects an environmental issue that does not directly benefit from the technological change
- **C** selects an environmental issue that would have some benefit, however not the most benefit, from the technological change

15 **L.EC.FI.EB.III.5.e.1a:** Identify familiar organisms as part of a food chain or food web

Identify which of three organisms is a producer

- **A** selects a consumer
- **B** selects the producer
- **C** selects a consumer

16 **P.ME.FI.EB.IV.1.e.1a:** Classify common objects and substances

Identify which object has the greatest amount of a specified physical property

- **A** selects an object not having the greatest amount of the physical property
- **B** selects an object not having the greatest amount of the physical property
- **C** selects an object that has the greatest amount of the physical property

17 **P.ME.FI.EB.IV.1.e.2a:** Identify properties of materials that make them useful

Recognize the property providing the primary useful purpose for a specified object

- **A** selects a property of the object that is not the object’s main purpose
- **B** selects a characteristic of the object that is not relevant to its main purpose
- **C** selects the property of the object that fulfills the main purpose of the object
18 C.CN.FI.EB.I.1.e.5a: Identify and/or use various sources of scientific information

Recognize the resource that enables access to a specified source of information

A correctly selects the resource through which access to the information occurs
B selects a resource that does not provide access to the specified information
C selects a resource that does not provide access to the specified information

20 P.ME.FI.EB.IV.1.e.5a: Identify possible electrical hazards to be avoided at home and at school

Recognize the safest action to remove power from a specified device after the device becomes disabled

A selects an action to remove power that is not safe
B selects the safest action to remove power from the specified device
C selects an action to remove power that is not safe

19 C.CN.FI.EB.I.1.e.1a: Identify and/or generate questions about the world based on observation

Recognize the question that applies to the specified research topic

A selects an off topic question
B selects the question that directly relates to the purpose for the investigation
C selects an off topic question

21 P.CM.FI.EB.IV.2.e.1a: Identify common physical changes in matter

Recognize the action that will cause a specified physical change in state of a specified material

A selects an action that will not bring about the specified change in state
B selects the action that will produce the specified change in state for the specified material
C selects an action that will not bring about the specified change in state
22 P.CM.FI.EB.IV.2.e.2a: Prepare mixtures and separate them into their component parts

Recognize the lab technique that will accomplish a specified task

A selects a lab technique that does not address the specified task
B selects a lab technique that does not address the specified task
C selects the lab technique that will accomplish the specified task

23 P.CM.FI.EB.IV.2.e.2a: Prepare mixtures and separate them into their component parts

Recognize which mixture example can be separated by the specified tool

A selects a mixture that the tool can not separate
B selects a mixture that the tool can not separate
C selects the mixture that the tool can separate into two components

24 P.CM.FI.EB.IV.2.e.2a: Prepare mixtures and separate them into their component parts

Recognize the process required to separate a specified mixture into two components

A selects the process that will separate the mixture into two components
B selects a process that will not separate the mixture
C selects a process that will not separate the mixture

25 P.MO.FI.EB.IV.3.e.3a: Identify patterns of interaction of magnetic materials

Understand the basis of how a compass detects direction

A selects a description of compass construction that will not enable a compass to function
B selects a description of compass construction that will not enable a compass to function
C selects a description of compass construction that enables a compass to detect a direction
26 P.MO.FI.EB.IV.3.e.4a: Identify and/or use simple machines to change effort

Given 3 types of tools, recognize which tool represents a specified simple machine

A selects a tool that is not an example of the specified simple machine

B selects the tool that is an application of the specified simple machine

C selects a tool that is not an example of the specified simple machine

27 P.WV.FI.EB.IV.4.e.1a: Describe sounds in terms of their properties

Recognize how a specified action affects the property of the sound from a specified object

A selects a change in sound property that does not occur from action on the source of the sound

B selects the correct change in sound property by the action taken on the source of the sound

C selects a change in sound property that does not occur from action on the source of the sound

28 P.WV.FI.EB.IV.4.e.2a: Identify and/or recognize how sounds are made

Recognize an essential requirement for sound to occur

A selects a physical condition that does not necessarily produce a sound

B selects a physical condition that does not necessarily produce a sound

C selects a condition required for a sound to occur

29 E.GE.FI.EB.V.1.e.3a: Identify and/or describe changes in the earth’s surface

Recognize an event that leads to a specified change in Earth’s surface

A selects the geophysical event that leads to the change

B selects a weather event that has no relation to the specified change

C selects a weather event that has no relation to the specified change
30 P.WV.FI.EB.IV.4.e.3a:  
Identify and/or use prisms and filters with light sources to produce various colors

Recognize the atmospheric component through which light must pass to produce a natural phenomenon

A  selects an atmospheric component light does not pass through
B  selects the correct atmospheric component which light passes through in order to produce the phenomenon
C  selects an atmospheric component that is not involved with the phenomenon

31 E.GE.FI.EB.V.1.e.2a:  Identify types of earth materials

Recognize which Earth material will best apply to the specified task

A  selects the Earth material that will best fulfill the specified task
B  selects an Earth material that will not fulfill the specified task
C  selects an Earth material that will not fulfill the specified task

32 E.HY.FI.EB.V.2.e.1a:  Identify the three states of water on earth

Given three different drawings of specific features found either on Earth’s surface or Earth’s atmosphere, recognize the drawing that represents a common Earth resource

A  selects the drawing that represents the common Earth resource
B  selects a drawing that does not represent the common Earth resource
C  selects a drawing that does not represent the common Earth resource

33 E.HY.FI.EB.V.2.e.2a:  Trace the path that rain water follows after it falls

Recognize the path that water will flow

A  selects a path that the water will not follow
B  selects a path that the water will not follow
C  selects the downhill path that the water will follow
34 E.AW.FI.EB.V.3.e.2a: Identify and/or describe seasonal changes in Michigan’s weather

Recognize the difference in expected weather conditions between 2 specified seasons

A selects weather condition differences that are not expected between the 2 specified seasons

B selects weather condition differences that are not expected between the 2 specified seasons

C selects the weather condition differences that are expected to occur between the 2 specified seasons

35 E.AW.FI.EB.V.3.e.3a: Identify and explain appropriate safety precautions during severe weather

Recognize the most appropriate response to take for safety under the specified situation

A selects the best behavior response

B selects a behavior that leaves the person vulnerable

C selects a behavior that leaves the person vulnerable