

Science and Elementary Technology

Date: 20/June/2024

Period: 2:00 – 4:00



END OF TERM III EXAMINATIONS QUESTION PAPER

GRADE: PRIMARY FIVE (P5)

LEVEL: PRIMARY

DURATION: 2 HOURS

MARKS:

...../50

CAMIS

..... /60

INSTRUCTIONS

1. All questions are compulsory.
2. Don't open this question paper until you are told to do so`.
3. Read each question carefully before answering it.
4. Use only a **blue** or black **pen**.

1. State whether the following statements are TRUE or FALSE: **(4 marks)**

- (i) Carpenters paint all metal parts to avoid rust.....
- (ii) A screw drive is used to drive nails into the wood.....
- (iii) A helmet protects legs from injuries.....
- (iv) We use a hand saw for cutting metals.....

2. Explain any three ways masons can apply to maintain well their tools. **(3 marks)**

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3. Explain how learning materials are important. **(2 marks)**

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4. Choose the best answer from the following choices: **(2 marks)**

(a) Saving data for later use is known as

- A. Input
- B. Distribution
- C. Storage
- D. Share

(b) is usually used to backup data.

- A. External hard disk
- B. Power button
- C. Antennae
- D. None of these.

5. Give the function of the following short cut keyboard keys. **(2 marks)**

- a. Ctrl + Z:
- b. Ctrl + A:

6. Compare Log in and Log out **(2 marks)**

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7. Analyze the following options to fill in the blanks. **(2 marks)**

i. Regular shapes have straight sides and equal interior.....

- a. Vertex b. Angles
- c. Sides d. None of these

ii. Blocks are puzzle – piece shapes that are used to create
in scratch.

- a. Color b. Images
- c. Sound d. Codes

8. Match the following terms to their meaning as they are used in scratch activity: **(3 marks)**

- | | |
|----------------|---|
| (i) Sprite | (a) a set of blocks connected together. |
| (ii) Animation | (b) an object that can act |
| (iii) Script | (c) giving an object the human |

Characteristics

9. Tell any three things that can pollute water. **(3 marks)**

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10. Match the following physical changes with their definitions. **(3 marks)**

Physical changes

- (a) Evaporation
- (b) Ice
- (c) Condensation

Meaning

- (i) Change from liquid to gas.
- (ii) Change from gas to liquid
- (iii) water in solid state.

11. Show any 3 rules you can apply when adding fertilizers to the soil. **(3 marks)**

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.....

12. Answer by TRUE if the statement is correct or by FALSE if you judge it to be wrong: **(3 marks)**

- (a) Before using chemical fertilizer, we first apply organic manure.....
- (b) Land clearing consists of breaking the soil and turning it over.....
- (c) We should respect the dose to be applied to each crop.....

13. What is poultry keeping? **(2 marks)**

.....
.....

14. Explain the effects of deforestation to the environment. Give any three **(3 marks)**

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.....

15. State whether the following statement is **TRUE** or **FALSE** **(2 marks)**

- (a) The stomach produces bile.....
- (b) The duodenum links the stomach to the ileum.....

16. HIV/AIDS can be spread in different ways. **(3 marks)**

Suggest any three among them.

- (i).....
- (ii).....
- (iii).....

17. Differentiate **love** from **infatuation** **(2 marks)**

.....
.....

18. The name given to the ray generated by the refracted ray passing through the glass block is called..... **(1 marks)**

19. Explain how you can develop solar energy from the sun. **(3 marks)**

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20. Explain why electrical wires are made of copper. **(2 marks)**

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End!!

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END OF TERM III EXAMINATIONS MARKING GUIDE

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INSTRUCTIONS

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1. State whether the following statements are TRUE or FALSE: **(4 marks)**

- (i) Carpenters paint all metal parts to avoid rust..... TRUE
- (ii) A screw drive is used to drive nails into the wood..... TRUE
- (iii) A helmet protects legs from injuries..... FALSE
- (iv) We use a hand saw for cutting metals..... FALSE

2. Explain any three ways masons can apply to maintain well their tools. **(3 marks)**

Answer

- Wash tools after use
- Keep tools in dry place.
- Oiling tools with movable parts.
- Avoid dropping tools down.
- Use tools for its purpose.

3. Explain how learning materials are important. **(2 marks)**

Answer

- Help leaners to understand the lesson.
- Make learners attentive and interested.
- Help teachers to teach well.

4. Choose the best answer from the following choices: **(2 marks)**

(a) Saving data for later use is known as

- A. Input
- B. Distribution
- C. **Storage**
- D. Share

(b) is usually used to backup data.

- A. **External hard disk**
- B. Power button
- C. Antennae
- D. None of these.

5. Give the function of the following short cut keyboard keys. **(2 marks)**

a. Ctrl + Z:

b. Ctrl + A:

Answer

(a) Ctrl + Z: Applying Undo

(b) Ctrl + A: Applying Select all the text

6. Compare Log in and Log out **(2 marks)**

Answer

-Log in is the process of signing in a computer database or e-mail account while Log out is signing out a computer database or e-mail account.

7. Analyze the following options to fill in the blanks. **(2 marks)**

i. Regular shapes have straight sides and equal interior.....

- a. Vertex
- b. **Angles**
- c. Sides
- d. None of these

ii. Blocks are puzzle – piece shapes that are used to create
in scratch.

- a. Color
- b. Images
- c. **Sound**
- d. Codes

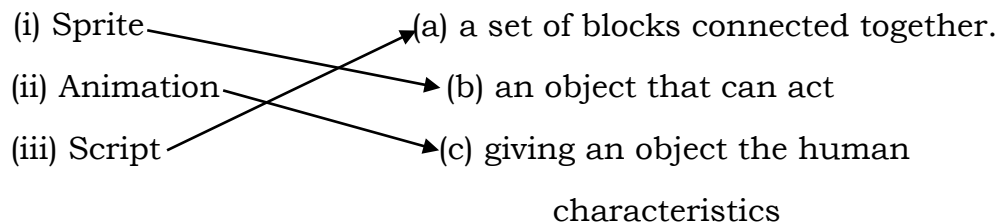
Answer

i. b) angles

ii. c) sound

8. Match the following terms to their meaning as they are used in scratch activity: **(3 marks)**

Answer



9. Tell any three things that can pollute water. **(3 marks)**

Answer

- Domestic wastes
- Industrial wastes

Oil spills.
Dead animals
Agricultural chemical
Urine

10. Match the following physical changes with their definitions. **(3 marks)**

Answer

Physical changes	Meaning
(a) Evaporation	(i) Change from liquid to gas.
(b) Ice	(ii) Change from gas to liquid
(c) Condensation	(iii) water in solid state.

11. Show any 3 rules you can apply when adding fertilizers to the soil. **(3 marks)**

Answer

Use organic fertilizers before chemical
Wear gloves when applying fertilizers
Apply fertilizers when the soil is moist.
Respect the dose.
Never apply fertilizers when the soil is fertile.

12. Answer by TRUE if the statement is correct or by FALSE if you judge it to be wrong: **(3 marks)**

- (a) Before using chemical fertilizer, we first apply organic manure...TRUE
- (b) Land clearing consists of breaking the soil and turning it over.... FALSE
- (c) We should respect the dose to be applied to each crop..... TRUE

Answer

- (a) TRUE
- (b) FALSE
- (c) TRUE

13. What is poultry keeping? **(2 marks)**

Answer

Is the keeping of domestic birds.

14. Explain the effects of deforestation to the environment. Give any three **(3 marks)**

Answer

- Cause soil erosion
- Reduces rain fall
- Cause droughts
- Cause desertification
- Cause global warming.
- Destroy habitats wild animals.
- Cause climate change.
- Destroy natural environment.
- Cause extinction of some plants.

15. State whether the following statement is **TRUE** or **FALSE** **(2 marks)**

- (a) The stomach produces bile..... FALSE
- (b) The duodenum links the stomach to the ileum..... TRUE

Answer

- (a) FALSE
- (b) TRUE

16. HIV/AIDS can be spread in different ways. **(3 marks)**

Suggest any three among them.

- (i).....
- (ii).....
- (iii).....

Answer

- (i) Through unprotected sexual intercourse.
- (ii) Through blood transfusion
- (iii) From an infected mother to her baby.
- (iv) Through sharing cutting sharpen tools with an infected person.

17. Differentiate **love** from **infatuation** **(2 marks)**

Answer

- **Love** is an intense feeling of deep affection with someone while

- **Infatuation** is falling in love with someone for a short time

18. The name given to the ray generated by the refracted ray passing through

the glass block is called..... **(1 marks)**

Answer

The emergent ray.

19. Explain how you can develop solar energy from the sun. **(3 marks)**

Answer

By use solar panel which converts heat and light energy to other forms of energy.

20. Explain why electrical wires are made of copper. **(2 marks)**

Answer

- It is because copper conducts faster the electricity.
- Because copper is cheaper than silver.