



Science

Year 6

MARCH EXAMINATION 2021

1 hr. 30 min

Additional Materials:

- Soft clean eraser
- Soft pencil (type B or HB recommended)

Read these instructions first

This paper contains 20 questions. Answer all questions in the spaces provided.

Do **not** use staples, paper clips, and glue or correction fluid.

Any rough working should be done in the rough work booklet provided.

NAME:

DATE:

SCORE:

TOTAL MARKS:

[Turn over]

1. Name the body organs responsible for the following functions. (3)

- i. Breathing - _____
- ii. Digesting food - _____
- iii. Control body functions - _____

2. Differentiate between deoxygenated blood and oxygenated blood (2)

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3. Describe 2 ways in which the nose is adapted to perform its function. (4)

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4. Apart from the heart what else make up the circulatory system (2)

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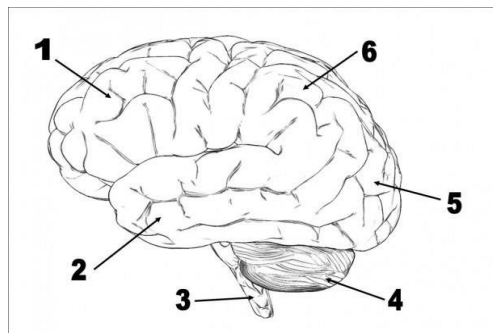
5. What is the function of the body organ drawn below? (2)



6. Write if statement is **TRUE** or **FALSE** (5)

- i. A person can survive with only one lung
- ii. A person can live without a liver
- iii. A person can live with only one kidney
- iv. A person's heart cannot be replaced through surgery
- v. Digestion only occurs in the stomach

7.



Part 3, 4 and 5 are the major parts of the brain, name them and state their functions.

(6mks)

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8. What is a food chain? (2mks)

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9. Name three R practices that contribute to environmental conservation. (3)

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10. Differentiate between afforestation and reforestation. (2mks)

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11. What is photosynthesis? (2)

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12. Distinguish between a predator and prey (2)

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13. Give some negative effectives of deforestation. (2)

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14. Describe how acid rain is formed. (3)

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15. Give two factors that increase the rate of dissolving. (2mks)

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16. Jane was investigating factors that affect the speed at which sugar dissolves in water and recorded the results as follows.

No. of stirs	Time sugar took to dissolve
0	30
1	28
2	25
3	20
4	21

i. Draw a graph of the results. (4mks)

ii. Give a conclusion from the results obtained. (2mks)

17. What is a force? (1mk)

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18. Other than magnetic force, outline three other types of forces. (3mks)

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19. Give 2 advantages and 2 disadvantages of friction. (4mks)

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20. With examples, explain two effects of force to objects. (4mks)

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