**GRADE 5 SCIENCE PAPER 1**

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| **TIME:** |  **HRS** |

|  |  |
| --- | --- |
| **TOTAL MARKS:** | **40** |

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| --- | --- |
| **PUPIL’S NAME:** |  |

**PUPIL’S INSTRUCTIONS:**

1. **Answer all questions**
2. **Circle the correct answer**
3. **Write neatly and legibly**
4. **The following are characteristics of living things except one; which one is it**
5. They move
6. They feed
7. They excrete
8. They exercise
9. **Things can be classified into living and non-living, which one can be classified into non-living in the list below?**
10. Birds
11. Stones
12. Cow
13. Plants
14. **Study the picture below use it to answer question 3 and 4**

**Which characteristics of living things is shown in the picture?**

1. Grow
2. Feed
3. Respond to stimuli
4. Excrete
5. **The picture shows a cow, in which group of animals would you classify a cow?**
6. Vertebrates
7. Invertebrates
8. Insect
9. Fish
10. **Some things that are non-living now were once living, which one below was once living**
11. Stone
12. Plastic
13. Wood
14. Gold ring
15. **Things are grouped according to their characteristics, which word best describe that?**
16. Recording
17. Classifying
18. Naming
19. Counting
20. **Plant and animals are both living things, which characteristics is mostly observed in animals but not in plants?**
21. They move
22. They grow
23. They feed
24. They reproduce
25. **Plants make their own food using\_\_\_\_\_\_\_\_\_\_\_\_, water in the presence of sunlight**
26. Oxygen
27. Carbon dioxide
28. Soil
29. Nutrients
30. **Plants that do not produce flowers are called\_\_\_\_\_**
31. Flowering plant
32. Vegetables
33. Non-flowering plants
34. Fruit plants
35. **Invertebrates are more than vertebrates, what is the percentage of invertebrates?**
36. 8%
37. 92%
38. 72%
39. 62%
40. **The following are units of length except one**
41. Centimetres
42. Kilometres
43. Grams
44. Metres
45. **The length of a football ground can be best measured using a \_\_\_\_\_\_\_\_**
46. Ruler
47. Tape measure
48. Rope
49. Metre stick
50. **Everything around us is made out of**
51. Gas
52. Matter
53. Liquid
54. Solid
55. **Matter is anything that takes up space and has\_\_\_\_\_\_\_\_\_\_**
56. Volume
57. Mass
58. Solid
59. Length
60. **Matter can be divided into how many states**
61. 5
62. 3
63. 2
64. 4
65. **Two important properties of matter are shape and\_\_\_\_\_\_\_**
66. Gas
67. Volume
68. Solid
69. Liquid
70. **Some substances can exit as a solid, liquid and gas, which one among the substances below**
71. Apple
72. Stone
73. Water
74. Wood
75. **Solids have a fixed shape and\_\_\_\_\_\_\_\_\_\_**
76. Volume
77. Space
78. Liquid
79. Gases
80. **Study the following diagram below, use it to answer question 19 t0 21**

Solid

Liquid

Gas

1

2

3

4

 **When a solid is heated and change to a liquid, we say that it**

1. Melts
2. Freezes
3. Evaporates
4. Condenses
5. **When a liquid is cooled and changes to a solid, we say that it**
6. Melts
7. Freezes
8. Evaporates
9. Condenses
10. **When a liquid is heated and change into a gas, we say that it**
11. Melts
12. Freezes
13. Evaporates
14. Condenses
15. **State the process in 3 in the above diagram**
16. Heating
17. Cooling
18. Evaporation
19. Condensation
20. **State the process in 2 in the diagram above**
21. Evaporation
22. Condensation
23. Freezing
24. Melting
25. **One of the following is not a unit for mass**
26. Kilograms
27. Meter
28. Grams
29. Tonnes
30. **One of the following is not an instrument to measure mass**
31. Triple beam balance
32. Spring balance
33. Measuring cylinder
34. Electronic balance
35. **State the most abundant gas in the atmosphere**
36. Nitrogen
37. Oxygen
38. Carbon
39. Small amount of other gases
40. **What is the name of the gas used to put away fire**
41. Oxygen
42. Carbon dioxide
43. Nitrogen
44. Helium
45. **Water vapour turns white copper sulphate\_\_\_\_\_\_\_\_\_\_\_\_**
46. Milky white
47. Yellow
48. Blue
49. Red
50. **Which method can be used to separate a mixture of olive oil and water?**
51. Filtering
52. Sorting by hand
53. Magnetism
54. Decanting
55. **Which method can be used to separate iron fillings and maize seeds**
56. Filtering
57. Sorting by hand
58. Magnetism
59. Decanting
60. **We call a narrow path of light a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
61. Ray
62. Straight line
63. Path
64. Beam
65. **White light is made up of a combination of how many different colours**
66. 6
67. 7
68. 9
69. 2
70. **Scientist can observe the moon using an instrument called**
71. Machine
72. Microscope
73. Telescope
74. Telephone
75. **What name is given to the holes found on surface of the moon**
76. Spaces
77. Holes
78. Craters
79. Creaters
80. **The first man to land on the moon arrived there on which date and year?**
81. 20th july 1969
82. 19 july 1967
83. 25th December 2002
84. 11th September 1941
85. **Mushroom looks a bit like a plant but it is not a plant, instead it belongs to group of living things called­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_**
86. Fungi
87. Animals
88. Flowering plant
89. Non-flowering plant
90. **Which is heavier between a 50 kg of feathers and a 50kf of maize?**
91. Maize
92. Feathers
93. Equal
94. Not equal
95. **Which is used by animals to breath in**
96. Carbon dioxide
97. Nitrogen
98. Oxygen
99. Helium
100. **The sources of light below are example of artificial light except one**
101. Stars
102. Candle
103. Fire
104. Electric bulb
105. **Scientists discovered that there is no life in the moon, why is it so?**
106. There is no air
107. There is no rain
108. There is no fire
109. There is no water

**GRADE 5 SCIENCE MARKING GUIDE**

1. D
2. B
3. B
4. A
5. C
6. B
7. C
8. B
9. C
10. B
11. C
12. B
13. B
14. B
15. B
16. B
17. C
18. A
19. A
20. B
21. C
22. D
23. A
24. B
25. C
26. A
27. B
28. C
29. D
30. C
31. A
32. B
33. C
34. C
35. A
36. A
37. C
38. C
39. A
40. A