

Rainbow International School Riyadh

Chemistry

Grade 7

Revision sheet

Second term

Name : _____

Fill in the blanks.

1. A rock that contains some amount of metal is called an

2. Iron ore is called _____

3. When acid reacts with metal ,they produce _____

4. If Copper sulfate is reacted with silver, there will be

_____.

5. Iron is _____ than zinc.

6. A _____ reaction is used to repair railway tracks.

7. When acid reacts with oxygen, metal _____ are produced.

8. Ceramics do not conduct electricity, so they can be called as

9. Acid + Base \rightarrow _____ + _____

10. When metals react with acid _____ gas is produced.

11. Test for hydrogen gas includes. Lighted splint held near the gas

ignites with a _____

12. Cutting down the trees and burning them is called

_____.

13. _____ and _____ are two greenhouse

gases.

14. When the temperature of the earth increases due to greenhouse

gases, it is called _____

15. The layer of earth that is liquid is called _____

16. The first layer of the earth is _____

17. The first layer of atmosphere is _____ -

18. Surrounding the earth is a mixture of gases called the

19. The core consists mainly of _____ and

20. _____ rocks are made by settling of sediments.

21. Sedimentary rocks are _____

22. Freeze and thaw process is _____ type of
weathering.

23. If weathering happens due to living things, it is called

24. The weight of the sediments above squashes together the

sediments below; _____

25. When sediments settle in one place it is called _____

26. Basalt and pumice are the example of _____ rocks.

27. Rocks made by the action of lava are _____

rocks

28. If the magma is cooled slowly, it will result in _____

crystals.

29. If the magma cools _____, the crystals will be

small.

30. Marble is a _____ rock,

31. Metamorphic rocks are made by _____ and

pressure.

32. _____ is a sedimentary rock that turns into marble after getting heat and pressure.
33. _____ and _____ rocks are not porous.
34. _____ is used for roofing.
35. _____ changes one rock into another type of rock.
36. Rock + Lava = _____ rock
37. Rock + Heat and pressure = _____ rock
38. Rock + weathering + erosion + Sedimentation
= _____ rocks
39. Mount Everest is formed from the _____ that are found on the sea floor.
40. The process of Earth pushing the rocks upwards is called _____.

41. One way to remove carbon di oxide from the atmosphere is

_____.

42. _____ restores the carbon back to the atmosphere.

43. When fossil fuels are burned _____ gas is released.

44. Nanoparticles are few _____ long

45. Carbon nanoparticles are used in _____

46. The nanoparticles used in bandages changes color when there is

an _____

47. When nanoparticle bandage releases dye, it also releases

48. Nanoparticles can also be used in detecting _____

49. Cars can damage the environment by releasing _____

50. Carbon di oxide is responsible for causing _____

51. _____ can be used as a new fuel.
52. Biofuel such as ethanol can be called _____ because the plant (source of biofuel) consumes carbon di oxide during photosynthesis .
53. Hybrid electric cars work on battery at _____ speed and on petrol at _____ speed.
54. One advantage of using hydrogen as a fuel is that it does not produce any _____
55. Catalytic converters are fitted into cars to _____
56. _____ was the first person to talk about atoms.
57. _____ presented the plum pudding model.

58. _____ did cathode ray experiment and discovered negative particles in the atom.
59. Most of the alpha rays passed through the gold foil made _____ to give conclusion that atom is mostly made of _____ space.

True and false

1. A polymer is a substance made from very long molecules.
2. Wool , cotton and rubber are synthetic polymers.
3. Synthetic polymers do not occur naturally.
4. Polyethene is a polymer with two types, HDPE and LDPE.
5. Poly vinyl chloride can be used in artificial joints,
6. PVC is water proof and flexible.
7. Ceramics can be used in bathrooms because they do not react with acids and alkalis.

8. An Ore is a substance that contains a metal.
9. Carbon can be used in the extraction of aluminum from its ore.
10. Lead is more reactive than copper.
11. When magnesium burns with oxygen, it produces a brilliant white flame,
12. State symbol (aq) means liquid.
13. Respiration removes carbon di oxide from the atmosphere.
14. Catalytic converters are fitted into the cars to help them save fuel.
15. The outer core is liquid.
16. Mantle is the first layer of earth.
17. When metals reacts with water, oxygen gas is produced.
18. When fossil fuels are burned, carbon di oxide gas is produced.

19. Limestone is a sedimentary rock.

20. JJ Thomson discovered the atoms.

Answer key - Second term

Fill in the blanks

1. Ore

2. Hematite

3. Salt

4. No reaction

5. Less reactive

6. Thermite

7. Oxides

8. Insulators

9. Salt, water

10. Hydrogen
11. Squeaky pop
12. Deforestation
13. Carbon di oxide ,methane
14. Greenhouse effect
15. Outer core
16. Crust
17. Troposphere
18. Atmosphere
19. Nickel,iron
20. Sedimentary
21. Porous
22. Physical

23. Biological

24. Compaction

25. Deposition

26. Igneous

27. Igneous

28. Bigger

29. Quickly

30. Metamorphic

31. Heat

32. Limestone

33. Igneous, metamorphic

34. Slate

35. Rock cycle

36. Igneous

37. Metamorphic

38. Sedimentary

39. Limestone

40. Uplift

41. Respiration

42. Combustion of fossil fuels

43. Carbon di oxide

44. 100 atoms

45. Water proofing

46. Infection

47. Medicine

48. Cancer/tumours

49. Carbon di oxide

50. Global warming

51. Hydrogen

52. Carbon neutral

53. low, high

54. toxic waste

55. turn harmful gases to less harmful ones

56. Democritus

57. JJ Thomson

58. JJ Thomson

59. Rutherford, empty

True and False

1. True

2. False

3. True

4. True

5. False

6. True

7. True

8. True

9. False

10. True

11. true

12. False

13. False

14. False

15. True

16. False

17. False

18. True

19. True

20. False