

TARGETER WINGS STANDARD SIX - YEAR 2021



CONTINUOUS ASSESSMENT TEST



SCIENCE

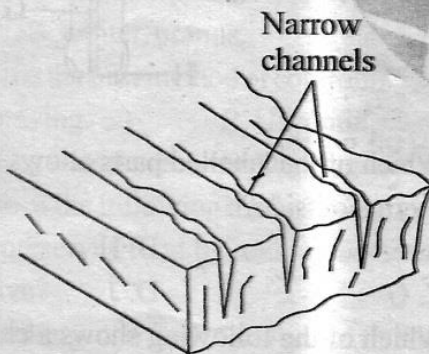
TIME: 1 hr 40 mins

1. The chart below shows a certain process.

Ice \xrightarrow{Q} Water

Identify process Q

- Freezing.
 - Evaporation.
 - Condensation.
 - Melting.
2. Which one is not an effect of sound pollution?
- Can cause irritation.
 - Can cause headache.
 - Can cause inability to hear.
 - Can make people feel uncomfortable.
3. The process of ovulation in the reproductive system takes place in the
- oviduct.
 - uterus.
 - ovary.
 - vagina.
4. The diagram below shows a certain type of soil erosion.

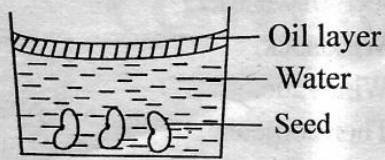


The type of soil erosion drawn above is likely to be _____

- rill erosion.
 - gully erosion.
 - splash erosion.
 - sheet erosion.
5. Which of the following is a characteristic of sandy soil?
- Spreads easily.
 - Has smallest particles.
 - Has poor drainage.
 - Cracks when dry.

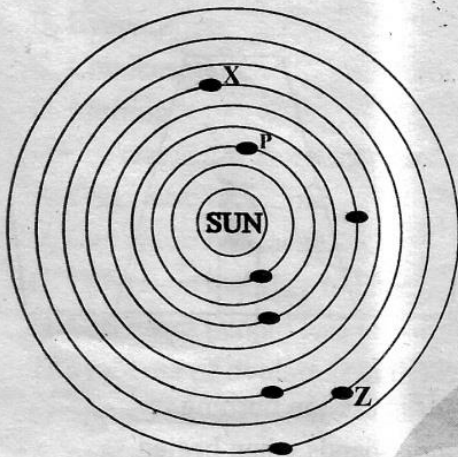
6. Std. 5 pupils collected the following materials;
- Equal amount of different types of soil
 - Water in a basin
 - Equal amount of cotton wool
 - Three tubes of the same size
- Which property of soil were they likely to investigate?
- Drainage.
 - Water retention.
 - Capillarity.
 - Texture.
7. Which of the following shows the main reason why a rain gauge is put in a hole 15cm deep?
- To prevent it from breaking.
 - To prevent water from splashing into the jar.
 - To make it overcome strong weather conditions.
 - To reduce rate of evaporation of the collected water.
8. In which of the digestive system do carbohydrates get digested?
- Stomach.
 - Small intestine.
 - Mouth.
 - Large intestine.
9. The following are signs and symptoms of a certain waterborne disease;
- Skin rashes
 - Blood stained stool
 - Pain in the muscles and joints
 - Fever
- Which waterborne disease is described above?
- Bilharzia.
 - Typhoid.
 - Cholera.
 - Malaria.
10. Which of the following shows use of water in the farm?
- Watering animals.
 - Bathing.
 - Making soft drinks.
 - Making fountains.

23. Std. 6 pupils put seeds in a container of water with oil on top as shown below.



After three weeks they found out that the seeds had not germinated. This was due to lack of

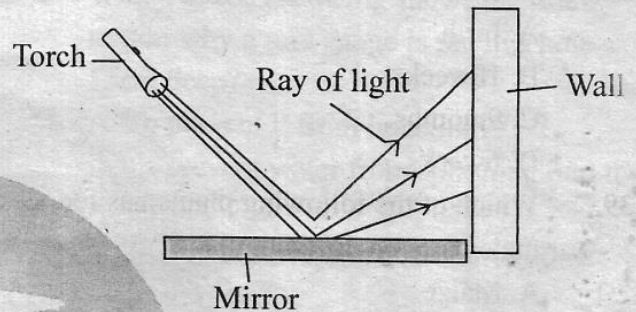
- A. warmth. B. soil.
C. air. D. moisture.
24. The diagram below shows the solar system



Identify planets labelled P, X, Z respectively

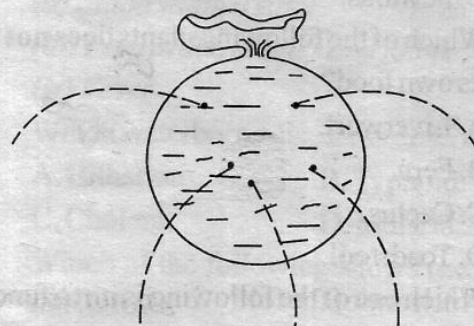
- A. Venus, saturn, uranus.
B. Earth, jupiter, uranus.
C. Earth, saturn, neptune.
D. Venus, jupiter, uranus.
25. Which is the **best** method of controlling weeds?
A. Spraying. B. Uprooting.
C. Using chemicals. D. Digging out.
26. Which of the following methods of preserving food preserves food by making bacteria inactive?
A. Smoking. B. Drying.
C. Canning. D. Freezing.
27. Which of the following is the function of the component of air that occupies 0.03%?
A. Used in burning.
B. Used in making plant food.
C. Used in germination.
D. Used in electric bulbs.
28. Which of the following is **true** about amphibians?
A. They lay eggs fertilized externally.
B. They have constant body temperature.
C. They have scales.
D. They breathe through gills only.

29. Mr. Okello tied his cow using a rope to a peg. Which method of grazing is this?
A. Stall feeding.
B. Herding.
C. Tethering.
D. Paddockling.
30. The following are animal feeds. Which one is a concentrate?
A. Silage. B. Star grass.
C. Bran. D. Maize stalk.
31. Std. 5 pupils heated a sample of soil in a glass and saw smoke coming out. This shows that soil contains
A. air. B. humus.
C. water. D. mineral particles.
32. Std. 6 pupils did an experiment shown below.



Which property of light were they investigating?

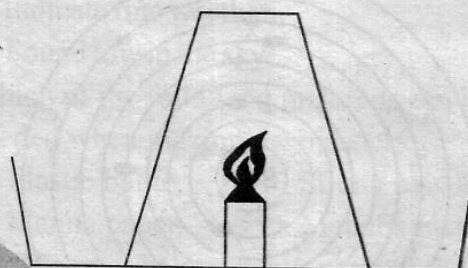
- A. Reflection.
B. Making a rainbow.
C. Refraction.
D. Dispersion.
33. Heat passes through metals through a method called _____
A. convection. B. expansion.
C. radiation. D. conduction.
34. The diagram below shows that



- A. pressure in liquids increases with depth.
B. liquids exert pressure in all directions.
C. pressure in liquids is equal at the same level.
D. liquids expand when heated.

35. Which statement is **true**?
- Liquids expand most when heated.
 - Gases have definite mass.
 - Liquids have definite shape.
 - Solids have indefinite mass.
36. Which of the following materials is **not** needed when making a see-saw?
- A Y-shaped tree trunk.
 - A panga.
 - A long pole.
 - String.
37. Which one is not an example of force?
- Push.
 - Pull.
 - Gravity.
 - Mass.
38. The first DPT vaccine is given at the age of
- birth.
 - 10 weeks.
 - 9 months.
 - 6 weeks.
39. Which of the following plants has female and male parts on different plants?
- Maize.
 - Banana.
 - Pawpaw.
 - Sugarcane.
40. In a bean seed, which part grows into a shoot?
- | | |
|-------------|-------------|
| A. Hilum. | B. Plumule. |
| C. Radicle. | D. Embryo. |
41. Force is measured in units called _____
- joules.
 - millibars.
 - kilograms.
 - newtons.
42. Which of the following plants does **not** make its own food?
- Liverwort.
 - Fern.
 - Cactus.
 - Toadstool.
43. Which one of the following is **not** a function of leaf?
- Making food.
 - Absorbing water.
 - Losing excess water.
 - Breathing.

44. Which of the following weather measuring instruments can be used to measure two aspects of weather?
- Windsock.
 - Windvane.
 - Thermometer.
 - Raingauge.
45. Which is the brightest and hottest planet?
- Mercury.
 - Mars.
 - Venus.
 - Earth.
46. The diagram below shows that



- air is used in burning.
 - air expands when heated.
 - air occupies space.
 - carbon dioxide supports burning.
47. Fertilization of ovum takes place in the
- ovary.
 - fallopian tube.
 - uterus.
 - vagina.
48. Which is the **best** method of controlling gully erosion?
- Constructing terraces.
 - Building gabions.
 - Planting cover crops.
 - Contour farming.
49. Which one of the following is **not** an insect?
- Bee.
 - Flea.
 - Weevil.
 - Tick.
50. Which of the following is an opaque material?
- Windscreen.
 - Glass.
 - Mirror.
 - Tinted window.