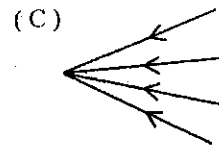
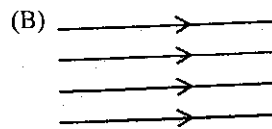
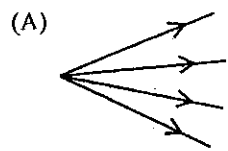


(07) Name the below given beams of light respectively,



- i) Convergent, divergent, parallel. ii) divergent, parallel, convergent
 iii) convergent, parallel, divergent iv) divergent, convergent, parallel

(08) Complex food Particles \longrightarrow Simpler food Particles \longrightarrow Absorption

The process that is simplified on the above figure is,

- i) respiration ii) digestion iii) excretion iv) secretion

(09) The part of the alimentary canal that gets involved in absorption of water from the undigested food.

- i) Oesophagus ii) Small intestine iii) Duodenum iv) Large intestine

(10) Seismometers are installed on different stations of the earth. Seismometer installed in Sri Lanka can be found in,

- i) Mathale ii) Arankele iii) Kantale iv) Pallekelle

(11) Select the correct statement.

- i) Sound travels fast in liquids than solids.
 ii) Sound needs a medium for propagation.
 iii) Sound propagate through vacuum.
 iv) Sound is faster than light.

(12) The standard international unit to measure energy, frequency of sound and the amount of current respectively is,

- i) Hertz, Joule and Ampere. ii) Joule, Hertz and Ampere
 iii) Joule, Hertz and volts iv) Calories, Hertz and volts

(13) The energy transformation that is associated with generating electricity by a dynamore is,

- i) Chemical energy \longrightarrow electrical energy
 ii) Kinetic energy \longrightarrow electrical energy
 iii) Potential energy \longrightarrow electrical energy
 iv) Solar energy \longrightarrow electrical energy

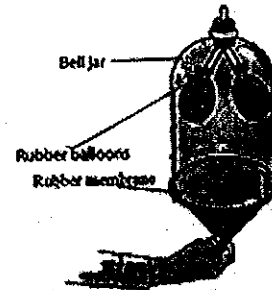
- (14) The reason for the lower part of the core of the earth structure to remain hard is,
 - i) due to the high temperatures above 5000°C .
 - ii) due to the high pressures.
 - iii) due to low pressures.
 - iv) due to the presence of silicon and aluminium in the core.
- (15) The name given to the phenomena of inversing right and left sides of an object when observed through a plane mirror is known as,
 - i) Virtual image
 - ii) Lateral inversion
 - iii) Bilateral symmetry
 - iv) Multiple images
- (16) The number of images formed when two plane mirrors are kept at an angle of 30° .
 - i) 5
 - ii) 7
 - iii) 11
 - iv) 6
- (17) An instance where convex mirrors are used.
 - i) as a side mirror of vehicles.
 - ii) to make solar cookers.
 - iii) for telescopes
 - iv) for dentist to examine teeth.
- (18) When the magnification of the eye piece lens is X10 and the magnification of objective lens X10, the total magnification of the microscope is,
 - i) 1000 times
 - ii) 10 times
 - iii) 100 times
 - iv) no magnification
- (19) The best way of discarding a chemical battery is,
 - i) burning
 - ii) bury under ground
 - iii) recycle
 - iv) throw it into a garbage heap.
- (20) The reason for not using aluminium containers to store pickles because,
 - i) Vinegar used in pickles are acids.
 - ii) Aluminium is a metal.
 - iii) Aluminium react well with acids in the vinegar.
 - iv) Pickles tastes different when stored in aluminium containers.

- ii. The below given diagram is a model to demonstrate the human respiratory system. Write the parts of the diagram that resembles the human respiratory system.

Y tube - _____

Rubber balloons - _____

Rubber membrane - _____



(3)

- iii. What is the type of tissues that transport water throughout the plant?

(1)

- iv. Write the various levels of organisation of a multicellular organism.

(2)

(04)

- i. State the name given to the organisms that cannot be seen to the naked eye.

(1)

- ii. What type of a lens is used in making a simple microscope? _____

(1)

- iii. State what you understand by the term resolution of a microscope. _____

(1)

- iv. What type of a microscope is used in genetic research by the scientists?

(1)

- v. State what is a cell? _____

(1)

- vi. Mention the function of the diaphragm of a microscope. _____

(1)

- vii. There are 3 objective lenses identified in the light microscope. What are they?

(1)

- viii. How do you notify the magnification when drawing a linear diagram after observing a specimen through a compound microscope? _____

(1)