

FREEDOM EXAMS
3RD TERM EXAMINATION 2021
SCIENCE
BASIC 6

SECTION A
Answer all question

1. The part of the clinical thermometer which helps to prevent the liquid from falling back is the
a. Bulb b. Constriction c. Stem d. capillary scale
2. The normal body temperature of human beings is
a. 34°C b. 35°C c. 36°C d. 37°C
3. is an electrical component that is used to control the flow of electric current in an electric circuit.
a. Load b. switch c. resistor d. connecting wires
4. The source of electrical energy in a circuit is
a. The battery b. the bulb c. the switch d. the resistor
5. The displacement of an object due to the application of a force on it is
a. Energy b. force c. pull d. work
6. The following are classes or types of simple machines except
a. Levers b. machines c. inclined planes d. pulleys
7. is the way of keeping the body clean and healthy.
a. Body odour b. body hygiene c. personal hygiene d. personal odour
8. Is a part of body that produce odour.
a. Armpits b. head c. ears d. leg
9. I am characterized by reddening, swelling, bumps, thickening and scaling of the skin. Who am I?
a. Chicken Pox b. meningitis c. malaria d. eczema
10. Eczema can be caused by
a. Virus b. bacteria c. food poison d. clean clothes
11. All the following are symptoms of meningitis except
a. Fever b. diarrhea c. headache d. stiff neck
12. The scientific process of making soap is called
a. Fermentation b. crystallization c. saponification d. boiling
13. The scientific concept in which cooking oil production is based is fermentation and
a. Boiling b. evaporation c. crystallization d. saponification
14. Naturally occurring greenhouse gases are carbon dioxide, methane, water vapour and
a. Oxides of nitrogen b. hydrogen c. oxygen d. argon
15.  Is a circuit symbol of a
a. Bulb b. battery c. resistor d. LED
16. The LED, the electric bulb and radio set are examples of
a. Load b. connecting wires c. switch d. battery
17. Materials can be grouped into types in terms of passage of electric current.
a. Five b. three c. four d. two
18. Hammer, scissors, screw driver, knife are all examples of.....
a. Pulleys b. inclined planed c. levers d. force

19. Metals and other heavy objects are moved from one place to the other by using
- a. Slide b. ladder c. spanner d. pulley
20. All the following are ways of removing bad odour except.....
- a. Bathing b. brushing of teeth c. defecating d. shaving armpits
21. Washing of socks regularly produces odour in the armpit.
- a. True b. False c. none of them d. all of them
22. is a change in the usual weather found in the place.
- a. Climate change b. weather change c. air pollution d. greenhouse effect
23. Effects of climate change include
- a. Burning less vegetation b. reforestation c. driving less d. flooding
24. Which disease is characterized by an inflammation of the protective membrane of the brain and spinal cord?
- a. Malaria b. meningitis c. eczema d. rashes
25. Materials that allow electric current to pass through the are called
- a. Conductors b. insulators c. productors d. protractors
26. If the number of batteries is increased, the brightness of the LED
- a. Decreases b. remains the same c. increases d. oscillate
27. Staircase is an example of
- a. Levers b. pulley c. electric appliance d. inclined planes
28. The crowbar is a simple machine used for stuck nails rom wood.
- a. Planting b. inserting c. removing d. cutting
29. is the smell that comes from body.
- a. Personal hygiene b. body odour c. personal odour d. body hygiene
30. When gases act like the glass in the greenhouse by letting and preventing the heat given off from escaping back into space, it is called
- a. Greenhouse effect b. global warming c. climate change d. drought

SECTION B

Answer question all questions

1. Draw a circuit diagram of a battery connected in series with a switch, a bulb and a resistor.
2.
 - a. What is a simple machine?
 - b. State the three types of simple machine with two examples of each.
 - c. State two uses of pulleys.
3.
 - a. List four parts of the body that can give body odour.
 - b. How would you remove odour from the following parts of the human body?
 - i. Mouth
 - ii. In-between toes
 - iii. Armpit
 - c. List two causes of body odour
4.
 - a. State three effects of climate change.
 - b. list two ways of preventing climate change.