



2022 BECE INTEGRATED SCIENCE Mock Trial Questions and Answers

We have uploaded these 2022 BECE INTEGRATED SCIENCE Mock Trial Questions without the answers and expect BECE candidates to attempt them. In case you do not have the answers, check with your teachers and friends.

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This contains both section A and Section B questions for candidates to try at school and at home. Where you feel the correct answer has not been provided, provide the answer and let your teacher confirm it for you. That is how we learn.

1. The idea of preventing large amounts of energy from being wasted is called.....
(a) Electrical energy (b) Energy therapy (c) consumption
2. Energy can be created or destroyed.
True / false
3. Electricity can be converted into _____ by means of a heater.
(a) light (b) solar (c) medicine
4. A dry cell is connected to a loud speaker and a doorbell by means of _____ to create a sound in the ear.
(a) Bulbs (b) industries (c) wires
5. Objects that produce light on their own are called_____
(a) Non-luminous (b) self-luminous objects (c) reflecting light
6. Which of these is a natural luminous object?
(a) Sun (b) candle (c) Bulbs
7. The path along which light travels is called a _____
(a) Parallel beam (b) beam (c) Ray
8. When a P-type semi-conductor and a N-type semi – conductor are joined together, a/an_____
(a) Conductor (b) P-N junction (c) Electron charges
9. How many types of impure conductors do we have?
(a) 8 (b) 3 (c) 2
10. When a material does not permit electricity to pass through it easily, it is called a/an_____
(a) Insulator (b) Conductor (c) Electricity
11. LED stands for what?
(a) Leadership Example Divide (b) Light Emitting Division (c) Light Emitting Diode
12. When there is very little or no current flow the LED_____
(a) Brightens up (b) Travels father (c) Goes off
13. What method do we use for separating alcohol from water?



- (a) Decantation (b) Winnowing (c) Distillation
14.is a gas-gas mixture
(a) Air (b) water (c) alcohol
15. The method which is used to separate solids which do not dissolve liquids is called _____
(a) Winnowing (b) Decantation (c) Filtration
16. This method separates solid-solid mixtures such as maize from its chaff or roasted groundnuts from its testa . what method is applied?
(a) Decantation (b) Magnetization (c) Winnowing
17. Which of following is not a water related disease?
(a) Guinea worm (b) Cholera (c) Malaria
18. The mosquito which spreads the plasmodium parasite is the female.....mosquito.
(a) Culex (b) Anopheles (c) Aedes
19. Painful blister is a bilharzias.....
True / False
20. The worm which causes bilharzias lives in the.....
(a) Lungs (b) Bladder (c) Heart
21. Cholera is caused by a virus.
True / False
22. HIV / AIDS has no cure.
True / False
23. AIDS is the final stage of HIV / AIDS.
True / False
24. Which of the organ systems controls all the organ systems?
(a) Nervous system (b) Digestive system (c) Circulatory system
25. Fertilization of the egg takes place in the.....
(a) Vagina (b) Uterus (c) Fallopian tube
26. The liquid part of the blood is the.....
(a) Red blood cell (b) White blood cell (c) plasma
28. The function of the testes is the production of
(a) Eggs (b) Sperms (c) Energy
29. The kidneys are.....
(a) Egg-shaped (b) Pear-shaped (c) bean-intestine
30. Which of the sense organs is for taste?
(a) Skin (b) Nose (c) Tongue

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SECTION B - ANSWER ALL QUESTIONS

1. (a) Name the two types of reflection.
(b) State the two laws of reflection of light.
2. (a) State three causes of HIV / AIDS
(b) State three ways by which HIV / AIDS can be prevented
3. Explain the following terms
(a) Evaporation
(b) Melting
4. (a) Write down two importance of separating mixtures.
(b) Write down the three formations of mixtures?
5. (a) Mention any four methods of separating mixtures.
(b) What is a magnet?

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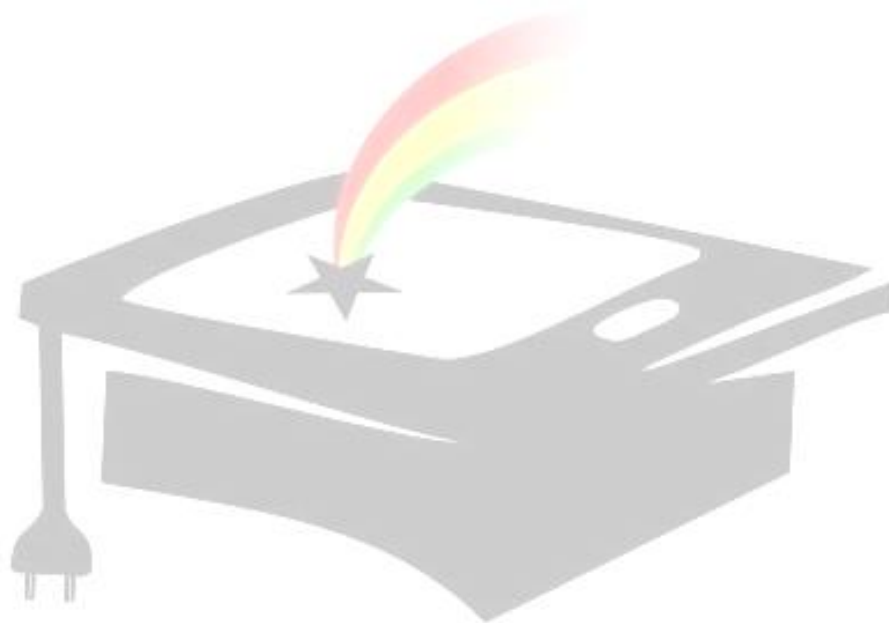
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