General Science Multiple Choice Questions

Iron powder is black in colour and sulphur powder is yellow. A student did two experiments using iron and sulphur powders.

The results are recorded in the table below.

	EXPERIMENT 1	EXPERIMENT 2
Method	Mixed and stirred iron and sulphur together	Heated the iron and sulphur mixture
Observation	Yellow powder with bits of black in it	A hard gray lump

- 1. What is the substance observed in Experiment 1?
 - A. a compound
 - B. an element
 - C. a mixture
 - D. a solution
- 2. What is the hard gray lump in Experiment 2?
 - A. Lead
 - B. Iron oxide
 - C. Iron sulphide
 - D. Sulphur dioxide
- 3. The earth's atmosphere is a mixture of mostly
 - A. Carbon dioxide and oxygen
 - B. Nitrogen and carbon dioxide
 - C. Nitrogen and oxygen
 - D. Water vapour and oxygen
- 4. Which weather front results in short and heavy precipitation?
 - A. Cold front

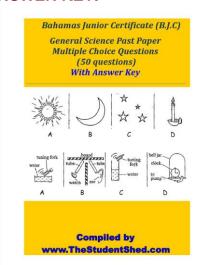
	B. Occluded front
	C. Stationary front
	D. Warm front
5.	What results when a force causes an object to move?
	A. Friction
	B. Matter
	C. Power
	D. Work
6.	Which is an example of increasing potential energy?
	A. Climbing a ladder
	B. Hot water
	C. Hitting a baseball
	D. Running downhill
7.	How does a machine change a force?
	A. Direction and mass
	B. Size and direction
	C. Size and mass
	D. Size and input
8.	Which of the following statement about sound is correct?
	A. Sounds are caused by vibrating matter
	B. Sounds can travel in a vacuum
	C. Sounds travel faster in air
	D. Sound waves cannot be reflected
9.	What kind of material would be most suitable in the construction of a recording
	studio?
	A. Carpet
	B. Ceramic tiles
	C. Concrete blocks
	D. Glass
10	. How often do tides occur in the Bahamas?

A. Once a dayB. Once per weekC. Twice per dayD. Twice per week

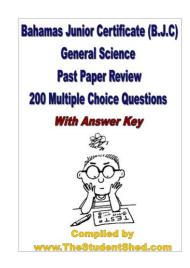
 11. What is the correct way to carry a microscope? A. hold it swinging in one hand B. hold the arm and support the base C. hold the stage and support the base D. hold the arm and the eye piece
12. Which group is classified as simple plants? A. algae B. bacteria C. ferns D. mosses
13. Which organism is not a fish? A. grouper B. jellyfish C. marlin D. Wahoo
14. How many atoms are present in a molecule of ammonia (NH₃)? A. 2 B. 3 C. 4 D. 5
15. Which is a unit of current? A. ampere B. joule C. volt D. watt
16. Which is the most abundant gas in the atmosphere? A. argon B. helium C. nitrogen D. oxygen
17. How many poles does a bar magnet have? A. 1 B. 2

- C. 3
- D. 4
- 18. What is the average human body temperature?
 - A. 32.0° C
 - B. 98.6° C
 - C. 10.0° C
 - D. 120.6° C
- 19. What are stationary electric charges called?
 - A. current electricity
 - B. magnetism
 - C. static electricity
 - D. voltage
- 20. Which pH indicates a neutral substance?
 - A. 1
 - B. 4
 - C. 7
 - D. 10

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