BITSAT Mock Test 4

| 1. Who is the author of 'Macbeth'? |
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| Answer: William Shakespeare |
| 2. What is H2O commonly known as? |
| Answer: Water |
| 3. What is the derivative of sin(x)? |
| Answer: cos(x) |
| 4. Which planet is known as the Red Planet? |
| Answer: Mars |
| 5. What is the chemical formula for table salt? |
| Answer: NaCl |
| 6. What is the main language spoken in Brazil? |
| Answer: Portuguese |
| 7. Who painted the Mona Lisa? |
| Answer: Leonardo da Vinci |
| 8. What is the largest mammal on Earth? |
| Answer: Blue Whale |
| 9. What is the chemical symbol for gold? |
| Answer: Au |
| 10. What is the freezing point of water in Fahrenheit? |
| Answer: 32°F |
| 11. What is the square root of 144? |
| Answer: 12 |

12. What is the capital of France? **Answer: Paris** 13. Who proposed the theory of relativity? Answer: Albert Einstein 14. What is the powerhouse of the cell? Answer: Mitochondria 15. What is Newton's third law of motion? Answer: Every action has an equal and opposite reaction 16. Which country is known as the Land of the Rising Sun? Answer: Japan 17. What is the speed of light in vacuum? Answer: 3 x 10^8 m/s 18. Who discovered penicillin? Answer: Alexander Fleming 19. What is the value of pi to 2 decimal places? Answer: 3.14 20. What is the process of water changing from liquid to gas? **Answer: Evaporation** 21. What is the SI unit of force? Answer: Newton 22. Which element has the atomic number 1? Answer: Hydrogen 23. How many continents are there on Earth? Answer: 7

24. Which gas is most abundant in the Earth's atmosphere?

Answer: Nitrogen

25. What is the boiling point of water at sea level in Celsius?

Answer: 100°C