

Student Name: _____ Student ID: _____

1. Which of the following is *NOT* a prime number? A. 2 B. 9 C. 13 D. 23
2. Simplify the expression: $3x^2 + 5x - 2x^2 - x$ A. $x^2 + 4x$ B. $x^2 - 4x$ C. $5x^2 + 4x$ D. $-x^2 - 4x$
3. What is the capital of Bangladesh? A. Dhaka B. Calcutta C. Karachi D. Colombo
4. What planet do you reside in? A. Earth B. Jupyter C. Mars D. Saturn
5. What is the capital of California? A. Sacramento B. San Francisco C. San Diego D. Los Angeles
6. What is the capital of Texas? A. Austin B. College Station C. Dallas D. El Paso
7. Where do DNA *primarily* reside in eukaryotes? A. Nucleus B. Cytoplasm C. Cell membrane D. Peroxisome
8. Which of the following city is in Chittagong division? A. Chittagong B. Dhaka C. Rajshahi D. Gazipur
9. How many stars are there in the US flag? A. 13 B. 4 C. 10 D. 7
10. Which of the following country is NOT a permanent member of the UN security council? A. India B. China C. UK D. France
11. Which of the following is NOT a role of the central bank? A. Building infrastructure B. Regulating money supply C. Formulating monetary policy D. Regulating interest rate (from a broad perspective)
12. Scientific names of organisms are italicized. A. True B. False
13. Which of the below is True? A. Earth revolves around the sun. B. Moon revolves around the sun. C. Jupyter is a type of moon.
14. I'm out of questions here. A. A B. B C. C D. D
15. Which of the following can be divided by 3? A. 90 B. 50 C. 43 D. 7
16. Which of the following is NOT a multiple of 5? A. 103 B. 45 C. 80 D. 10
17. What is a valid color for banana? A. Green B. Maroon C. Magenta D. Cyan
18. Which city is the capital of New York? A. Albany B. Rochester C. Buffalo D. Manhattan
19. Which of the below is true for virus (life science)? A. Viruses are in between the living and the dead. B. Viruses can replicate independently.
20. What is the scientific name of humans? A. *Homo sapiens* B. *Periplaneta americana* C. *Bos indicus* D. *Naja naja*
21. What is the primary business activity of Alphabet (a.k.a. Google)? A. Ad revenue from online searches. B. Self-driving car. C. DNA-sequencing. D. Oil exploration.