EXL Logic Assessment

1. Email Address

   mnukwa1996@gmail.com

2. Please enter your first name

   Andile

3. Please enter your surname

   Mnukwa

4. Please Enter your RSA National Identity Number

   9612256038087

5. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next? (1 Point)

   ○ (1/3)

   ◉ (1/8)

   ○ (2/8)

   ○ (1/16)

6. Look at this series: 36, 34, 30, 28, 24, ... What number should come next? (1 Point)

   ○ 20

   ◉ 22

   ○ 23

   ○ 26

7. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next? (1 Point)

   ○ 12

   ◉ 14

   ○ 27

○ 53

8. Look carefully for the pattern, and then choose which pair of numbers comes next.
   28 25 5 21 18 5 14 (1 Point)

◉ 11 5

○ 10 7

○ 11 8

○ 5 10

○ 10 5

9. Look carefully at the pattern, and the choose which one comes next: 9 16 23 30 37 44 51 (1 Point)

○ 59 66

○ 56 62

○ 58 66

◉ 58 65

○ 54 61

10. Look carefully at the pattern, and the choose which one comes next: 2 8 14 20 26 32 38 (1 Point)

○ 2 46

◉ 44 50

○ 42 48

○ 40 42

○ 32 26

11. Directions to solve: Look carefully for the pattern, and then choose which pair of numbers comes
    next   42 40 38 35 33 31 28
    (1 Point)

○ 25 22

○ 26 23

◉ 26 24

○ 25 23

○ 26 22

12. Look carefully at the pattern, and the choose which one comes next: 8 12 9 13 10 14 11 (1 Point)

○ 14 11

◉ 15 12

○ 8 15

○ 15 19

○ 8 5

13. Look carefully at the pattern, and the choose which one comes next: 3 5 35 10 12 35 17 (1 Point)

○ 22 35

○ 35 19

◉ 19 35

○ 19 24

○ 22 24

14. Directions to solve: Find the number that fits somewhere into the middle of the series. Some of the items involve both numbers and letters. Look at this series: F2,__,D8, C16, B32, ... (1 Point)
    What number should fill the blank

○ A16

○ G4

◉ E4

○ E3

15. Look at this series: V, VIII, XI, XIV, __, XX, ... What number should fill the blank? (1 Point)

○ IX

○ XXIII

○ XV

○ XVII

16. Look at this series: 8, 43, 11, 41, __, 39, 17, ... What number should fill in the blank? (1 Point)

○ 8

◉ 14

○ 43

○ 44

17. Blueberries cost more than strawberries. Blueberries cost less than raspberries. Raspberries cost more than strawberries and blueberries. If the first two statements are true, the third statement is (1 Point)

◉ True

○ False

○ Uncertain

18. Mara runs faster than Gail. Lily runs faster than Mara. Gail runs faster than Lily. If the first two statements are true, the third statement is (1 Point)

○ True

◉ False

○ Uncertain

19. The Shop and Save Grocery is south of Greenwood Pharmacy. Rebecca's house is northeast of Greenwood Pharmacy. Rebecca's house is west of the Shop and Save Grocery. If the first two statements are true, the third statement is (1 Point)

○ True

◉ False

○ Uncertain

20. On the day the Barton triplets are born, Jenna weighs more than Jason. Jason weighs less than Jasmine. Of the three babies, Jasmine weighs the most. If the first two statements are true, the third statement is (1 Point)

○ True

○ False

◉ Uncertain

21. On the day the Barton triplets are born, Jenna weighs more than Jason. Jason weighs less than Jasmine. Of the three babies, Jasmine weighs the most. If the first two statements are true, the third statement is (1 Point)

○ True

○ False

◉ Uncertain

22. 18. Tom puts on his socks before he puts on his shoes. He puts on his shirt before he puts on his jacket. Tom puts on his shoes before he puts on his shirt. If the first two statements are true, the third statement is (1 Point)

- ⦿ True

- ◯ False

- ◯ Uncertain

23. Fact 1: All drink mixes are beverages. Fact 2: All beverages are drinkable. Fact 3:   Some beverages are red. If the first three statements are facts, which of the following statements must also be a fact? I: Some drink mixes are red. II: All beverages are drink mixes. III: All red drink mixes are drinkable. (1 Point)

- ◯ I and II only

- ◯ II only

- ◯ I and III only

- ⦿ III only

- ◯ None of the statements is a known fact.

24. In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday? (1 Point)

- ◯ Mr. Carter

- ⦿ Ms. Falk

- ◯ Ms. Johnson

- ◯ Mr. Kirk

25. Ms. Forest likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adam and Baxter have studied together seven class periods in a row. Carter and Dennis have worked together three class periods in a row. Carter does not want to work with Adam. Who should be assigned to work with Baxter? (1 Point)

- ◯ Carter

- ◯ Adam

- ⦿ Dennis

- ◯ Forest

26. Here are some words translated from an artificial language. hapllesh means cloudbursts renchoch means pinball resbosrench means ninepin Which word could mean "cloud nine"? (1 Point)

○ leshsrench

○ ochhapl

○ haploch

○ haplresbo

27. B2CD, _____, BCD4, B5CD, BC6D (1 Point)

○ B2C2D

◉ BC3D

○ B2C3D

○ BCD7

28. CMM, EOO, GQQ, _____, KUU (1 Point)

○ GRR

◉ GSS

○ ISS

○ ITT

29. ELFA, GLHA, ILJA, _____, MLNA (1 Point)

○ OLPA

○ KLMA

○ LLMA

○ KLLA