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| **ANGELWINGS COMPREHENSIVE COLLEGE, MAROKO, PW, KUBWA, ABUJA** | |
| **SECOND TERM EXAMINATION 2024/2025 ACADEMIC SESSION** | |
| **SUBJECT: Math** | **CLASS: GRADE FIVE** |

1. Perimeter of a square ground is 100m, length of one side is \_ (a) 52m (b) 25m (c) 52 (d) 25

2. Square length: 14cm, area is \_ (a) 196 (b) 169 (c) 196cm² (d) 196cm

3. Angelwings playground perimeter: 256m, length is \_ (a) 46 (b) 64m (c) 1024m (d) 64

4. Factorization method, √400 is \_ (a) 200 (b) 2.0 (c) 20 (d) 40

5. Number × 14 = 196, number is \_ (a) 41 (b) 196 (c) 14 (d) 1.4

6. 48 potato sacks weigh 2688kg, one sack weighs \_ (a) 65kg (b) 56g (c) 56kg (d) 65g

7. Value of ⁵⁄₆ ÷ ½ is \_ (a) 2⅓ (b) 1⅔ (c) 3½

8. 137 rounded to nearest ten is \_ (a) 130 (b) 100 (c) 140 (d) 200

9. 137 rounded to nearest hundred is \_ (a) 130 (b) 100 (c) 140 (d) 200

10. Simplify ⅔ of 2m 16cm (a) 1m 44cm (b) 1cm 44m (c) 44cm 1mm

11. 76.78 rounded to nearest tenth is \_ (a) 76.8 (b) 77.0 (c) 76.70

12. 792 rounded to nearest hundred is \_ (a) 700 (b) 790 (c) 800

13. 29.7m rounded to nearest whole number is \_ (a) 29m (b) 30cm (c) 30m

14. 7.347 rounded to nearest hundredth is \_ (a) 7.35 (b) 7.34 (c) 7.347

15. 1.8751 rounded to nearest thousandth is \_ (a) 1.8750 (b) 1.860 (c) 1.875

16. 8237 to 3 significant figures is \_ (a) 823 (b) 824 (c) 832

17. Evaluate 2³ 2⁰ (a) 2 (b) 4 (c) 8

18. Simplify 2⁰ 2⁴ (a) 8 (b) 4 (c) 16

19. Simplify 2⁶ 2⁴ (a) 2 (b) 4 (c) 6

20. Evaluate 2.48 2.36 (a) 5.8528 (b) 4.84 (c) 0.12

21. Solve: m + 20 = 24 (a) 24 (b) 480 (c) 4

22. Number + 30 = 52, number is \_ (a) 82 (b) 22 (c) 28

23. Number ÷ 13 = 8, number is \_ (a) 401 (b) 104 (c) 13

24. Evaluate t + t + t - t + t – t (a) 5t (b) -5 (c) 2t

25. Toy car: ₦350, paid ₦1000, change is \_ (a) ₦600 (b) ₦560 (c) ₦650

26. ₦1800, rice: ₦800, malt: ₦500, left is \_ (a) ₦50 (b) ₦500 (c) ₦2300

27. Book: ₦50, 5% tax, tax is \_ (a) ₦2.5 (b) ₦5.2 (c) ₦25

28. Car rental: ₦10/hour, 5 hours cost is \_ (a) 50 (b) ₦5000 (c) ₦50

29. 10 shares at ₦1500 each, total investment is \_ (a) ₦150 (b) ₦1500 (c) 15000

30. Solve 2x + 5x = 28 (a) 4x (b) 4 (c) 196

31. Rectangle perimeter, length 10cm, breadth 5cm is \_ (a) 15cm (b) 51cm (c) 30cm

32. Perimeter of a square formula is \_ (a) 3L (b) 4L (c) 5L

33. Circle diameter: 20cm, radius is \_ (a) 10 (b) 200 (c) 10cm

34. Distance across circle through center is \_ (a) radius (b) circumference (c) diameter

35. Circle radius: 7cm, diameter is \_ (a) 3.5cm (b) 3.5 (c) 14cm

36. Circle diameter: 10cm, circumference (π = 3.14) is \_ (a) 31.4cm (b) 314cm (c) 3.14cm

37. Circle diameter: 20cm, radius is \_ (a) 2cm (b) 10cm (c) 0.2cm

38. Circle circumference, radius 5.5cm (π = ²²⁄₇) is \_ (a) 34.57cm (b) 43.75cm (c) 34.57

39. Land: 35m x 26m, perimeter is \_ (a) 122m (b) 122 (c) 61

40. Circle circumference, diameter 7cm is \_ (a) 44m (b) 44cm (c) 44

41. ½ kg in grams is \_ (a) 500kg (b) 500g (c) one-half gram

42. 18755g in kg is \_ (a) 187.55kg (b) 1.8755 (c) 18.755kg

43. 6000kg in tonnes is \_ (a) 6t (b) 60t (c) 600t

44. 11.60 tonnes in kg is \_ (a) 116kg (b) 1160kg (c) 16100kg

45. Correct units of weight are \_ (a) Km or m (b) cm or mm (c) kg or g

46. Class: 30 girls, 45 boys, girls to boys ratio is \_ (a) 1:3 (b) 2:3 (c) 3:1

47. Subtract from 3.10 to get 1.001 (a) 1.099 (b) 1.999 (c) 2.099

48. x + 3 = 12, find √x – 2 (a) 1 (b) 2 (c) 3

49. Plane speed: 245km/h, time: 2 hours, distance is \_ (a) 490m (b) 490km/h (c) 490km

50. Idara: 20 years, sister: x years younger, sister's age is \_ (a) (x-20) years (b) (20-x) years (c) 20x years

**Section B**

1. Total distance around an object is \_\_\_\_\_\_\_\_\_

2. Value of x in 6x – 5 = 37 is \_\_\_\_\_\_\_\_\_

3. 6.486 rounded to nearest hundredth is \_\_\_\_\_\_\_\_\_

4. Square root of 225 is \_\_\_\_\_\_\_\_\_

5. 87.84 rounded to nearest tenth is \_\_\_\_\_\_\_\_\_

**Section C**

1. Simplify ⅔ of 2 hours and ⅚ of 1kg 32g.

2. Evaluate 3 ÷ ⅖ and 24 ÷ ⁸⁄₃.

3. Round 5.8165 to nearest whole number, tenth, hundredth, and thousandth.

4. Calculate circumference: diameter = 7cm (π = ²²⁄₇) and radius = 10cm (π = 3.14).

5. Ladder: 15m, base distance: 9m. Calculate wall height (right-angled triangle).