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

Instruction: Take
= 22/7 (where applicable)

1. The amount of space inside a 3-dimensional object is termed as \_ (a) area (b) volume (c) container

2. Given the volume of the prism as 324m³ and its height as 9m. Calculate its base area (a) 63m² (b) 36m² (c) 36cm³

3. Calculate the volume of the cylinder, whose radius is 7cm and has a height of 16cm (a) 2464cm² (b) 2446cm³ (c) 2464cm³

4. The volume of a sphere whose radius is 7cm, is \_ (a) 1437.3cm³ (b) 1437.3cm² (c) none

5. The volume of a hemi-sphere whose radius is 3.2cm, is \_ (a) 86.66m³ (b) 68.6cm³ (c) 68.66m³

6. Express 7503cm³ in litres (a) 75.03l (b) 7503000l (c) 7.503l

7. If the water tank within the premises of Angelwings Comprehensive College has the following dimensions: L= 80cm, B= 30cm, H= 20cm. How many litres of water will it hold when full? (a) 84 litres (b) 48 litres (c) None

8. What does quarter to 6 in the evening mean? (a) 6:45pm (b) 5:45am (c) 5:45pm

9. Jedidiah starts from home at 7:15am and arrives at school at 8:05am. How long does she take to get to school? (a) 50 mins (b) 55 mins (c) 45 mins

10. Isabelle spent 3 hours to travel 216km. What was her average speed? (a) 72m/s (b) 72km/hr (c) 648km/hr

11. Which of the following is a 2-dimensional shape? (a) cube (b) square (c) none

12. An imaginary line that divides a shape into two identical parts is termed as \_ (a) line of division (b) line of symmetry (c) none

13. Which of the following shape is characterized by 4 lines of symmetry? (a) rectangle (b) square (c) circle

14. An angle greater than 90° but less than 180° is termed as \_ (a) acute angle (b) obtuse angle (c) reflex angle

15. If two angles of a triangle are given as 54° and 46°. Calculate the value of the third angle (a) 180° (b) 80° (c) 100°

16. A rhombus has 2 lines of symmetry (a) True (b) False

17. The area enclosed by an arc and a chord is called a \_ (a) sector (b) segment (c) circumference

18. If the angles of a quadrilateral are as follows: 134°, 49°, 73°. Calculate the value of the 4th angle (a) 256° (b) 104° (c) 360°

19. A straight line which touches a point on the external part of the circumference of a circle is called a \_ (a) chord (b) tangent (c) major chord

20. Given the average speed of a vehicle as 80km/hr. Calculate the total distance it would cover in 5 hours (a) 16km (b) 400km (c) 85km