FEDERAL UNIVERSITY OF TECHNOLOGY MINNA, NIGER STATE
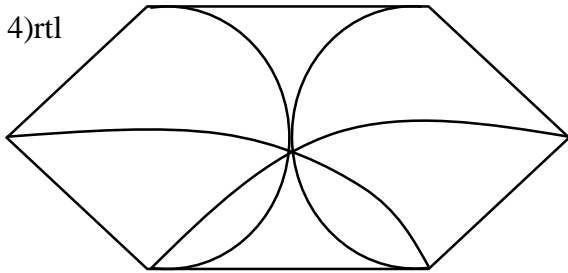# DEPARTMENT OF INDUSTRIAL & TECHNOLOGY EDUCATION
ITE 116 PAST QUESTIONS

1. The Instrument made from plywood with a smooth flat surface and straight edge to allow the T-square to be moved up and down is called **DRAWING BOARD**

2. The T-square is made up of **BLADE AND STOCK**

3. A good quality A_2 size drawing paper in the dimension of **594MM x 42MM**

4. Graphic languages that is universally accepted that provided a means by which the shapes and sizes of objects are drawn on paper showing three dimensional views, length, breadth and width is called **TECHNICAL DRAWING**

5. Hard pencils are graded from **2H – 6H**

6. _____ Pencils is generally used for drawing. Answer: **2H PENCIL.**

7. _____ Instruments are used for drawing small circles or arcs when there is problem of radii to be drawn on a drawing. Answer: **TEMPLATES**

8. _____ Is an extended dot which has a direction and length. Answer: **LINE**

9. The shortest distance between two given points is called Answer: **A STRAIGHT LINE**

10. _____ Is a place figure bounded by more then four sides. Answer: **POLYGON**

11. The sum of the interior angles of any regular pentagon of N sides is calculated with the formular (2(N)-4)rtl

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12. The diagram above is _____ **A REGULAR HEXAGON**

13. _____ are plane figures bounded by for straight sides. Answer: **QUADRILATERIALS**

14. The diagonals of a square are also equal and they bisect each other at _____ Answer: **90**

15. _____ Diagonals bisect each other, but not at right angles. Answer: **RECTANGLE**

16. _____ is a four sides plane figure with all the same unequal and unequal angles. Answer: **TRAPEZOID**

17. _____ is angle of less than 90 . Answer: **ACUTE ANGLE**

18. Two angles which add up to 180 is called the. Answer: **SUPPLEMENTARY ANGLES**

19. An angle grater than 180 but less than 360 is called _____ angle. Answer**: REFLEX ANGLES**

20. _____ is a straight line down from the center of the circle to any point on circumference. Answer: **DIAMETER**

21. _____ is any part of the circumference of a circle. Answer: **AN ARC**

22. The line drawn from the point of contact outside the circle. Answer: **NORMAL**

23. _____ is a four sided plane figure in which pairs of opposite sides are equal and parallel. Answer: **PARALLELOGRAM**

24. _____ has all the three sides equal in length and the three angles the same. Answer: **EQULATERAL TRIANGLE**

25. _____ is the perpendicular distance from the base to the vertex. Answer: **ALTITUDE**

26. _____ is a straight line drawn touching the circumference of a circle at a point and a point only. Answer: **TANGENT**

27. The area bounded by two radii and the arc they cut off is _____ Answer: **SECTOR**

28. A _____ is a plane figure bounded by a circle line called the circumference on which every point is at the same distance from a fixed point. Answer: **CIRCLE**

29. The distance from one point of the circumference through the centre of the circle to the other is called the _____ Answer: **DIAMETER**

30. To describe means _____ Answer: **TO DRAW A CIRCLE**

31. _____ is the distance round a circle. Answer: **CIRCUMFERENCE**

32. Two or more circle having the same centre is called the _____ Answer: **CONCENTRIC CIRCLES.**

33. _____ is to draw a circle round another figure so that it touches every point of the other figure. Answer: **TO CIRCUMSCRIBE**

34. _____ is to draw a circle inside a given figure. Answer: **INSCRIBE**

35. _____ is to draw a circle outside a given figure. Answer: **ESCRIBE**

36. _____ line is used for construction of objects. Answer: **CONTINOUS THIN LINE**

37. The border line should be at least _____ from the edges of the drawing paper and must be visibly outlined. Answer: **10MM**

38. _____ is an angle greater than 90 . Answer: **OBTUSE ANGLE**

39. _____ and _____ are essential in all geometrical and technical drawing and in order to get a very good grade. Answer: **NEATNESS AND ACCURACY**

40. _____ is used to draw circle and arc. Answer: **A PAIR OF COMPASS**

41. _____ is an instrument used for measuring or drawing angles. Answer: **PROTRACTOR**

42. _____ are used to transfer measurements or dimensions from the scale ruler to the drawing. Answer: **DIVIDERS**

43. _____ and _____ are used to dasten the paper to the drawing board to avoid loosening during drawing. **DRAWING CHIPS AND MASKEN TAPE.**

44. _____ is usually drawn at the right hand bottom corner of the drawing sheet. Answer: **TITLE BLOCKS**

45. How many common polygons we have. Answer: 6

46. _____ is a four sided plane figure in which all the four sides are equal and pains of Opposite. Answer: **RHOMBUS**

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