Indian School Al Wadi Al Kabir - Syllabus break up for

**APRIL & MAY 2019-ENGINEERING GRAPHICS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CLASS 11**  **ENGG.GRAPHICS** | **WEEK 1** | **WEEK 2**  **(10,11)** | **WEEK 3**  **(14,18)** | **WEEK 4**  **( 21 to 25)** | **WEEK 5**  **(28 to 30)** |
| **April** |  | Introduction to the new subject Engineering Graphics. | Preliminary Contents of Engg.Graphics like Drawing instruments,size shape and layout of sheets | Unit 1 :  **Rectilinear Figures**  Definitions  Bisection and construction of angle.  Lines, Triangles | Quadrilaterals  Defintions  Square  Rhombus  Rectangle  Trapezium |
| **May** | **(1 to 2 )**  Polygons  Regular polygons  Irregular polygons | **(5 to 9 )**  **Unit 2 :**  Circles and Tangents  Definitions  Circle and circumference | **(12 to 16)**  Tangents  Tangential contacts  Inscribing  **UNIT TEST 1** | **(19 to 23)**  **Unit 3 :**  **Conic Sections**  Definitions  Parabola  Ellipse  Spiral  **UNIT TEST 1** | **(26 to 30)**  Involute  Cycloid  Helix  Sine curve  **UNIT TEST 1** |
| **LAB TOPICS: April to May**  Chart paper modeling (Prisms,Pyramids,Sectioning of solids) (6 models should be completed) | | | | | |

PREPARD BY MS. AISWARYA HOD -SCIENCE