

**Year: 2016-2017**

**Class: BE6→BE7**

**Math Make-Up Exam**

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**Concepts required for Math Make-up Exam**

- 1) Operations on Decimals
  - Add, subtract, multiply and divide decimals.
  - Apply priority rule in calculation of decimals.
- 2) Multiples and Divisors
  - Find the LCM and the GCD of 2 whole numbers.
  - Apply divisibility rules by 2 ; 3 ; 4 ; 5 ;6 ; 9 and 10.
- 3) Operations on Fractions
  - Add, subtract, multiply and divide fractions.
  - Apply priority rule in calculation of fractions.
- 4) Relative Positions of two Straight Lines
  - Draw parallel and perpendicular straight lines.
  - Apply the properties of parallel and perpendicular straight lines.
  - Find the distance from a point to a straight line and between 2 parallel straight lines.
  - Draw the perpendicular bisector of a segment and use its properties.
- 5) The circle
  - Draw a circle.
  - Determine the different positions of a straight line and a circle.
  - Draw the tangent of a circle and use its properties.
  - Find the circumference of a circle.
- 6) Angles
  - Draw and measure angles.
  - Identify kinds of angles.
  - Identify adjacent angles, vertically opposite angles, complementary angles and supplementary angles.
  - Draw the bisector of an angle.
- 7) Triangles
  - Construct triangles.
  - Deduce that sum of angles in a triangle is  $180^\circ$ .
  - Identify different kinds of triangles: isosceles, equilateral, right and right isosceles.

+ Related pages from book and worksheets related to the above concepts.