

Academic Year: 2017-2018

Class: BE6 → BE7

Make Up Exam

Math

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, 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° .
- Identify different kinds of triangles: isosceles, equilateral, right and right isosceles.

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