

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION YEAR 2020
TECHNICAL DRAWING APPLICATIONS

CLASS : IX

TIME: 2.5 HOURS

MARKS : 60

Instructions:

1. Students must read the question carefully.
2. Solve the paper on loose sheets of paper
3. Write your name Std Roll No. on each sheet
4. Click a picture and upload the images to classroom as a pdf.
Name your pdf as roll no.,name,std div e.g 15 Gunjan Bharwani
9A.
5. Turn in the assessment once you are done.
6. Question no. 1 is compulsory
7. Attempt any 3 questions from the other four

Q.1 Refer Figure below. Copy the given figure . Insert any six dimensions.

(15)

Measure the side of the octagon.

- Q.3 b. Draw direct common tangents two circles of radii 35mm (9)
And 45 mm and distance between their centers is 90mm.
Measure and record its length.
- Q.4 Draw a hexagon of side 65mm. Inscribe six circles inside the (15)
Hexagon such that each circle touches two side of the hexagon
And two other circles.
- Q.5 Draw a circle of radii 55mm. Inscribe Five circles inside the (15)
Circle such that each circle touches the larger circle and two
Other circles.