

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION YEAR 2020
TECHNICAL DRAWING APPLICATIONS

CLASS : X

TIME: 2.5HOURS

MARKS: 60 marks

Instructions:

1. Students must read the question carefully.
2. Solve the paper on loose sheets of paper
3. Write your name 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 10A.
5. Turn in the assessment once you are done.
6. All construction lines must be shown

- Q.1 Draw the F.V , T.V , Left hand side view and (14)
Lateral Development of a HEXAGONAL PYRAMID
resting with its axis perpendicular to H.P. and parallel to
V.P. One side of its base is perpendicular to V.P.
Given side of Base = 30mm, Axis height = 65mm. (Use
THIRD angle method).
- Q.2 Draw F.V , T.V. and Lateral surface development (8)
of a CYLINDER of base radii 30mm and axis height
75mm resting on its base on H.P. with axis perpendicular
to H.P. and parallel to V.P. SHOW ALL CALCULATIONS
NEATLY.
- Q.3 Construct a PENTAGON of side 55mm. draw a (12)
SQUARE equal in area to the to the pentagon. Mention
the side of the square.

Q.4 Refer **figure below**. It shows pictorial view of an object . Draw using FIRST angle method of projection. Draw (26)

- i) Sectional Front View along AB
- ii) Sectional Top View along PQ
- iii) Left Hand Side View

(Insert any six dimensions)

