Leve 4, 2nd Sem / (DVOC)
Trade - (Graphics and Multimedia)
Subject : Engg Graphics

Time : 2 Hrs.   M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory.   (10x1=10)

Q.1 What is taper value taken in a sunk key?

Q.2 What is the value of corner to corner distance in hexagonal nut in terms of dia "d"?

Q.3 The metric thread has an Included angle of_____

Q.4 The value of pitch "P" in single riveted lap joint is given as_____

Q.5 What is the value of thickness "t" of a washer in terms of hole diameter "d"?

Q.6 While drawing the isometric view of the sphere, its diameter is taken as _____ of the diameter.

Q.7 In isometric projection, the square faces of the cube are seen as _____

Q.8 What is offset method of isometric view of an object?

Q.9 A line draw at 30 degree in isometric scale, will represent _____ length

Q.10 The outer circle of _____ thread is shown as broken

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

Q.11 Draw free hand proportionate sketch of pan head rivet.

Q.12 Draw free hand proportionate sketch of screw 90 degree flat counter sunk head.

Q.13 Give the practical applications of cheese head screw.

Q.14 Draw the conventional representation of internal thread.

Q.15 Draw free hand proportionate front view of single riveted lap joint.

Q.16 Draw a free hand front view of hexagonal bolt

Q.17 Draw a proportionate diagram of gib-head key for shaft 50mm diameter.

Q.18 Draw front view of regular square prism of side 20 mm

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

Q.19 Draw isometric projections of a regular pentagon and hexagon (one side 20mm) using isometric scale.

Q.20 Draw at least two views of assembly of a 12 mm dia square headed bolt with hexagonal headed nut.