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[38,575 प्रतियाँ]

Roll No.

Sl. No. 31324

Code No. : 0847

[Total No. of Pages : 4

EVEN SEMESTER EXAMINATION, JUNE - 2019

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Automobile) [741]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Computer Aided Design) [742]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Production) [743]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (R A C) [744]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Maintenance) [745]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Automobile) {Lateral Entry} [784]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Computer Aided Design) {Lateral Entry} [785]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Production) {Lateral Entry} [786]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (R A C) {Lateral Entry} [787]

[Fourth Semester] Three Years Diploma Course in Mechanical Engineering (Maintenance) {Lateral Entry} [788]

MECHANICAL ENGINEERING DRAWING

Time : 3.00 Hours] [Maximum Marks : 50

[Minimum Marks : 17

NOTES :

i) Attempt **all** questions.

ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.

iii) Use of Pager and Mobile Phone by the students is not allowed.

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Q1) Fig-1 shows the details of a "Plummer-Block". Draw the following views of the assembly to a suitable scale in the third angle projection giving main dimensions : [20 + 10 = 30]

a) Front view – full in section.

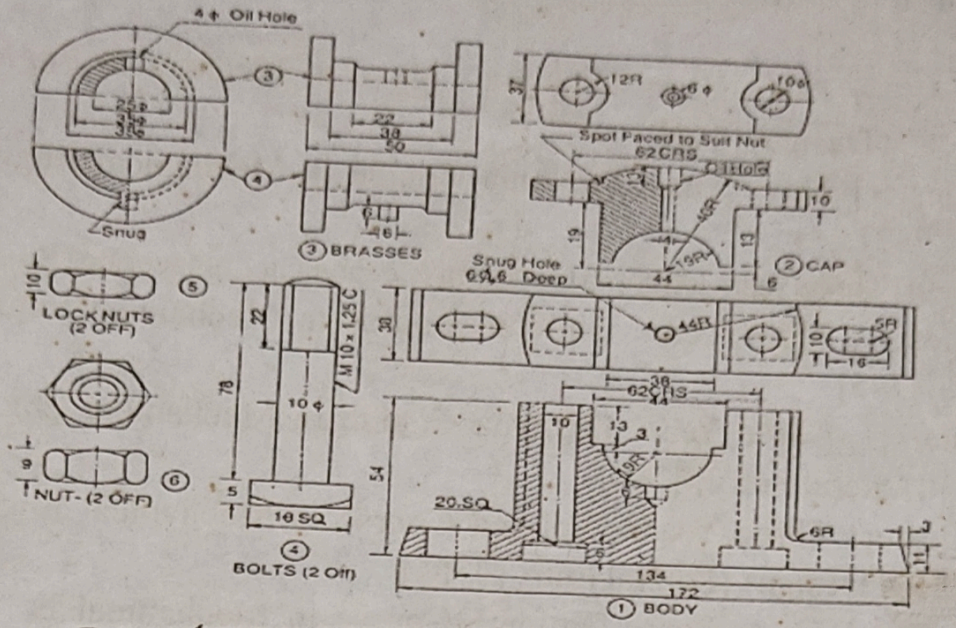

FIG.NO.1 DETAILS OF PLUMMER BLOCK
ALL DIMENSIONS IN mm.

b) Out side plan.

Q2) Draw neat free hand proportionate sketch giving sectional elevation and out side plan of any ONE of the following : [10]

a) : Cotter Joint.

b) Screw Jack.

Q3) Attempt any Two parts of the following. [2 × 5 = 10]

a) Draw free hand labelled sketch of a C-clamp.

b) Draw atleast four teeth of a common milling cutter and show the various angle on it.

c) How are Auto cad commands used to draw a square and a circle.

d) Explain the following terms :

i) Unilateral and Bilateral tolerances. ii) Fundamental deviation.

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