Published on *Mechanical Engg Simple Notes ,Solved problems and Videos* (https://mechdiploma.com)

Home >

Subject Code
- Any -

Question Type
- Any -

marks
- Any -

Question Number
- Any -

Sub Number Question
- Any -

Sub Sub question Number
- Any -

Apply

Examination: 2017 SUMMER

Que.No	Question/Problem	marks
Q 2 f)	A multiplate clutch has three pairs of contact surfaces. The outer and inner radii	4
Q 3 d)	Find the width of the belt, necessary to transmit 7.5 kW.....	4
Q 4 f)	A shaft has number of collars integral with it.....	4

Examination: 2016 SUMMER

Que.No	Question/Problem	marks
Q 2 f)	Problem : A shaft runs at 80 rpm & drives another shaft at 150 rpm through belt drive.....	4

Que.No	Question/Problem	marks
Q 3 b)	In a slider crank mechanism, crank AB = 20 mm & connecting rod BC = 80 mm. Crank AB rotates with uniform speed of 1000 rpm in anticlockwise direction.....	4
Q 4 e)	A multiplate disc clutch transmits 55 kW.....	4
Q 4 f)	A rotor having the following properties.....	4

Examination: 2016 WINTER

Que.No	Question/Problem	marks
Q 1b)(iii)	The central distance two shaft is 4m having two pulleys	4
Q 2 f)	A pulley is driven by the flat belt running at speed of.....	4
Q 3 d)	Three masses 10 kg, 20 kg and 15kg are attached at a point	4

Examination: 2015 SUMMER

Que.No	Question/Problem	marks
Q 2 f)	The central distance between two shaft is 4 m having two pulleys.....	4
Q 3 f)	Crank OA of a mechanism is hinged at ‘O’ and rotates at an angular velocity of 20 rad/sec.....	4
Q 4 e)	Three masses 10 kg, 20 kg and 15 kg are attached at a point at radii of 20 cm.....	4
Q 4 f)	A thrust shaft of a ship has 6 collar of 600 mm	4
Q 6a)(i)	Define ‘Gear Train’. State its purpose and types of gear train.	4

Examination: 2015 WINTER

Que.No	Question/Problem	marks
Q 5 a)	Problem - The crank and connecting rod of a reciprocating engine are 200 mm and 700 mm respectively.....	4