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Question Type

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Question Number

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Sub Sub question Number

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Apply

Examination: 2017 SUMMER

Que.No	Question/Problem	marks
Q 5 a)	A cam with 40 mm minimum diameter rotates in clockwise	8
Q 5 b)	In the toggle mechanism as shown in Fig. (2), D is constrained	8

Examination: 2016 SUMMER

Que.No	Question/Problem	marks
Q5a)	In a slider crank mechanism shown in figure 1	8
Q 5 b)	Draw the profile of cam operating a roller reciprocating follower	8

Examination: 2016 WINTER

Que.No	Question/Problem	marks
Q 5 b)	Draw profile of cam to raise the valve with S.H.M. through 5cm	8
Q6b)	PQRS is a four bar chain with link PS fixed	8

Examination: 2015 SUMMER

Que.No	Question/Problem	marks
Q 5 b)	Construct a cam profile with knife edge follower having an offset of 10 mm	8

Examination: 2015 WINTER

Que.No	Question/Problem	marks
Q 5 b)	Problem: A cam is to give the following motion to a knife edged follower: (i) Outstroke during 60° of cam rotation. (ii) Dwell for the next 30° of cam rotation	8