

[Home](#) >

Apply

Examination: [2017 SUMMER](#)

Que.No	Question/Problem	marks
<b>Q 1 f )</b>	<a href="#">Classify the cam</a>	2
<b>Q 1 g )</b>	<a href="#">Define following terms with respect to cam and follower</a>	2
<b>Q 1 h )</b>	<a href="#">What are the limitations of knife edge follower ?</a>	2
<b>Q 2 c )</b>	<a href="#">Draw and explain in short, types of followers used in cam and follower.</a>	4
<b>Q 5 a )</b>	<a href="#">A cam with 40 mm minimum diameter rotates in clockwise.....</a>	8

Examination: [2017 WINTER](#)

Que.No	Question/Problem	marks
<b>Q 1a)(b)</b>	<a href="#">State types of cams.</a>	2
<b>Q 2 e )</b>	<a href="#">Draw the labelled displacement, velocity and acceleration diagrams for a follower when it moves with uniform velocity.</a>	4
<b>Q 3 f )</b>	<a href="#">Give detailed classification of followers.</a>	4
<b>Q 5 b )</b>	<a href="#">Draw the profile of a cam to raise a valve with S.H.M. through 40 mm in of revolution, keep it fully raised through 1/10 th 1 th 4 revolution and to lower it with uniform acceleration and retardation in 1/6 th revolution. The valve remains closed during t</a>	8

Examination: [2016 SUMMER](#)

Que.No	Question/Problem	marks
<b>Q 1a)(ii)</b>	<a href="#">Define (i) Pressure angle (ii) Pitch point related to cam.</a>	2

Que.No	Question/Problem	marks
Q 2 e )	<a href="#">Draw neat sketch of radial cam with follower and show on it (i) Base circle. (ii) Pitch point. (iii) Prime Circle. (iv) Cam profile</a>	4
Q 3 f )	<a href="#">What are the different types of follower motion ? Also draw displacement diagram for uniform velocity.</a>	4
Q 5 b )	<a href="#">Draw the profile of cam operating a roller reciprocating follower .....</a>	8

Examination: [2016 WINTER](#)

Que.No	Question/Problem	marks
Q 1a)(iii)	<a href="#">State the advantages of roller follower over knife edge follower.</a>	2
Q 2 d )	<a href="#">Explain with neat sketch different types of follower.</a>	4
Q 3 a )	<a href="#">Discuss the following motion of the follower by drawing the displacement velocity and acceleration diagram.</a>	4
Q 5 b )	<a href="#">Draw profile of cam to raise the valve with S.H.M. through 5cm.....</a>	8
Q 6a)(i)	<a href="#">Define the following terms as applied to cam with neat sketch.</a>	4

Examination: [2015 SUMMER](#)

Que.No	Question/Problem	marks
Q 1a)(b)	<a href="#">Enlist the different type of follower motion.</a>	2
Q 2 e )	<a href="#">Draw a neat sketch of radial cam with roller follower and show the following on it.....</a>	4
Q 3 b )	<a href="#">Why roller follower is preferred over a knife follower ? State two advantages and application of roller follower.</a>	4
Q 5 b )	<a href="#">Construct a cam profile with knife edge follower having an offset of 10 mm.....</a>	8

Examination: [2015 WINTER](#)

Que.No	Question/Problem	marks
Q 1a)(ii)	<a href="#">State any two types of motion of the follower.</a>	2
Q 2 e )	<a href="#">Define the following terms related to cams.</a>	4
Q 3 f )	<a href="#">Give detailed classification of followers.</a>	4

Que.No	Question/Problem	marks
<b>Q 5 b )</b>	<u>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.....</u>	<b>8</b>

---