```
ques={
    1:{'que':'The center of gravity of a triangular lamina of base 'b' and height
'h' lies at a height of',
        'a':'(2/3)h from the base',
        'b':'(1/4)h from the base',
        'c':'(1/2)h from the base',
        'd':'(1/3)h from the base',
        'ans':'d'}
    2:{'que':'In the breakdown region, Zener diode behaves like a ___ source.',
        'a':'Constant voltage',
        'b':'Constant current',
        'c':'Constant resistance',
        'd':'Constant power',
        'ans':'a'}
    3:{'que':'Chromium is a',
        'a':'Heavy metal',
        'b':'Heavy solid',
        'c':'Light ion',
        'd':'Heavy ion',
        'ans':'a'}
    4:{'que':'The moment of inertia of a square lamina of side 30 cm about its
edges is',
        'a':' 3.7 x 105 cm4',
        'b':' 4.7 x 105 cm4',
        'c':' 1.7 x 105 cm4',
        'd':' 2.7 x 105 cm4',
        'ans':'d'}
    5:{'que':'The element that has the biggest size in a transistor is',
        'a':' Collector',
        'b':' Base',
        'c':' Emitter',
        'd':' PN junction',
        'ans':'a'}
    6:{'que':'Most hazardous metal pollutant of automobile exhaust is',
        'a':'Cd',
        'b':'Hg',
        'c':'Pb',
        'd':'Cu',
        'ans':'c'}
    7:{'que':'A car is moving with velocity of 15 m/s. The car is brought to rest
after application of brakes in 5 seconds. The retardation is',
        'a':' 10 m/s2',
        'b':' 5 m/s2',
        'c':' 3 m/s2',
        'd':' 1 m/s2',
        'ans':'c'}
    8:{'que':'A car acceleration on a horizontal road due to the force exerted by',
        'a':'the engine of the car',
        'b':'the driver of the car',
        'c':'the earth',
```

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        'd':'the road',
        'ans':'d'}
    9:{'que':'The control charts used for the fraction of defective items in a
sample is',
        'a':' Range chart',
        'b':' P-chart',
        'c':' Mean chart',
        'd':' C-chart',
        'ans':'b'}
    10:{'que':'When the radial distance is 'r' the linear acceleration 'a' and
angular acceleration 'α' are related as follows',
        'a':'a = r2α',
        'b':'a = r3α',
        'c':'a = r1α',
        'd':'a = r4α',
        'ans':'c'}
    }
```