

## TITAN - Paper 1 - Part 2

31. what is a self locking screw
32. buckling load means
33. function of flywheel
34. quill means
35. M.I of a circle  $\pi d^4/64$
36. coolant is not reqd for machining which of the material
37. spinning machines use to sheet metal working operation
38. what is normalizing
39. Module = $d/n$
40. what is a feeler guage
41. what is angle of dwell
42. what is the tension in the wire
43. purpose of jig & fixture
44. which of the following will a large flywheel
45. when two shafts not inline, then what coupling is used -- oldams coupling
46. coining is a
47. draft allowance is
48. M.I of a square along its diagonal
49. what is counter boring
50. purpose of chipbreakers
51. which type of manufacturing is watch manufactured
52. seam welding is a process of
53. grey CI is welded by MAW,O-A-W, thermit W, brasing,
54. M.I depends on
55. if 2 bodies are in resonance, then it implies
56. which of the following has same units (all the above)
57. how is stress and moments related
58. natural frequency depends on
59. sprue in casting is used for
60. half nut mechanism is used for
61. follower moves parallel to the cam, how is this cam called
62. in blanking operation, clearance is given to punch dia reduced
63. which of the following channels is used for reversal of stresses
64. V-belts touches on
65. along the C.S, the hoop & longitudinal stress of a thin cylinder section will be
66. to make the beam stronger the length must be
67. impact strength is a index of
68. lifting of a balloon does not obey which law
69. when is the stress in the rope of lift is high
70. core in moulding is made for
71. main advantage of die-casting

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