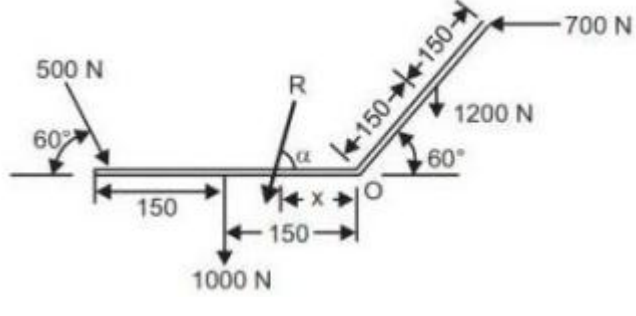


To view all objection(s) raised by you, visit "Objection Summary" tab.

[View Objection Summary](#)

Sr No.	Subject	Question	Response	Key	Raise Objection								
1	Default	<p>If three bodies move relative to each other, they have three instantaneous centres and lie on a straight line. This theorem was known as,</p> <table border="1"> <tr> <td>A</td> <td>Grubler's theorem</td> <td>B</td> <td>Kennedy's theorem</td> </tr> <tr> <td>C</td> <td>Kutzbach's theorem</td> <td>D</td> <td>Haigh's theorem</td> </tr> </table>	A	Grubler's theorem	B	Kennedy's theorem	C	Kutzbach's theorem	D	Haigh's theorem	B	B	<a href="#">Raise / View Objection</a>
A	Grubler's theorem	B	Kennedy's theorem										
C	Kutzbach's theorem	D	Haigh's theorem										
2	Default	<p>Find change in vertical height of a watt governor when its speed increases from 60 rpm to 61 rpm.</p> <table border="1"> <tr> <td>A</td> <td>2.4 mm</td> <td>B</td> <td>8.9 mm</td> </tr> <tr> <td>C</td> <td>8.0 mm</td> <td>D</td> <td>8.2 mm</td> </tr> </table>	A	2.4 mm	B	8.9 mm	C	8.0 mm	D	8.2 mm	A	C	<a href="#">Raise / View Objection</a>
A	2.4 mm	B	8.9 mm										
C	8.0 mm	D	8.2 mm										
3	Default	<p>When contacting end of follower is a perfectly circular flat face, it is called</p> <table border="1"> <tr> <td>A</td> <td>Mushroom follower</td> <td>B</td> <td>Roller follower</td> </tr> <tr> <td>C</td> <td>Knife edge follower</td> <td>D</td> <td>Spherical faced follower</td> </tr> </table>	A	Mushroom follower	B	Roller follower	C	Knife edge follower	D	Spherical faced follower	B	A	<a href="#">Raise / View Objection</a>
A	Mushroom follower	B	Roller follower										
C	Knife edge follower	D	Spherical faced follower										
4	Default	<p>Which of the following system is able to take heavy loads?</p> <table border="1"> <tr> <td>A</td> <td>14 ½° full depth involute system</td> <td>B</td> <td>14 ½° composite system</td> </tr> <tr> <td>C</td> <td>18° stub involute system</td> <td>D</td> <td>20° stub involute system</td> </tr> </table>	A	14 ½° full depth involute system	B	14 ½° composite system	C	18° stub involute system	D	20° stub involute system	D	D	<a href="#">Raise / View Objection</a>
A	14 ½° full depth involute system	B	14 ½° composite system										
C	18° stub involute system	D	20° stub involute system										
5	Default	<p>The flywheel of a steam engine has a radius of gyration of 1 m and mass 2500 kg. The starting torque of the steam engine is 1500 N-m and may be assumed constant. Determine angular acceleration (rad/s<sup>2</sup>) of the flywheel.</p> <table border="1"> <tr> <td>A</td> <td>0.5 m/s<sup>2</sup></td> <td>B</td> <td>0.6 mm/s<sup>2</sup></td> </tr> <tr> <td>C</td> <td>0.6 rad/s<sup>2</sup></td> <td>D</td> <td>6.0 rad/s<sup>2</sup></td> </tr> </table>	A	0.5 m/s <sup>2</sup>	B	0.6 mm/s <sup>2</sup>	C	0.6 rad/s <sup>2</sup>	D	6.0 rad/s <sup>2</sup>	C	C	<a href="#">Raise / View Objection</a>
A	0.5 m/s <sup>2</sup>	B	0.6 mm/s <sup>2</sup>										
C	0.6 rad/s <sup>2</sup>	D	6.0 rad/s <sup>2</sup>										
6	Default	<p>Tresca's theory of failure is also known as,</p> <table border="1"> <tr> <td>A</td> <td>Maximum principal stress theory</td> <td>B</td> <td>Maximum shear stress theory</td> </tr> <tr> <td>C</td> <td>Maximum principle strain theory</td> <td>D</td> <td>Maximum distortion energy theory</td> </tr> </table>	A	Maximum principal stress theory	B	Maximum shear stress theory	C	Maximum principle strain theory	D	Maximum distortion energy theory	B	B	<a href="#">Raise / View Objection</a>
A	Maximum principal stress theory	B	Maximum shear stress theory										
C	Maximum principle strain theory	D	Maximum distortion energy theory										
7	Default	<p>According to Unwin's formula, the relation between diameter of rivet hole (d) and thickness of plate (t) is given by</p> <table border="1"> <tr> <td>A</td> <td>d=√3 t, where t&lt;8 mm</td> <td>B</td> <td>d=√7 t, where t&lt;8 mm</td> </tr> <tr> <td>C</td> <td>d = 5t Where t&gt;8mm</td> <td>D</td> <td>d=6√t, where t&gt;8 mm</td> </tr> </table>	A	d=√3 t, where t<8 mm	B	d=√7 t, where t<8 mm	C	d = 5t Where t>8mm	D	d=6√t, where t>8 mm	D	D	<a href="#">Raise / View Objection</a>
A	d=√3 t, where t<8 mm	B	d=√7 t, where t<8 mm										
C	d = 5t Where t>8mm	D	d=6√t, where t>8 mm										
8	Default	<p>The transverse fillet welded joints are designed for</p> <table border="1"> <tr> <td>A</td> <td>Shear strength</td> <td>B</td> <td>Compressive strength</td> </tr> <tr> <td>C</td> <td>Bending strength</td> <td>D</td> <td>Tensile strength</td> </tr> </table>	A	Shear strength	B	Compressive strength	C	Bending strength	D	Tensile strength	D	D	<a href="#">Raise / View Objection</a>
A	Shear strength	B	Compressive strength										
C	Bending strength	D	Tensile strength										
9	Default	<p>In brake, when angle of contact is less than 60°, which brake is preferable?</p> <table border="1"> <tr> <td>A</td> <td>Single block shoe brake</td> <td>B</td> <td>Double block shoe brake</td> </tr> <tr> <td>C</td> <td>Pivoted block shoe brake</td> <td>D</td> <td>None of these</td> </tr> </table>	A	Single block shoe brake	B	Double block shoe brake	C	Pivoted block shoe brake	D	None of these	B	A	<a href="#">Raise / View Objection</a>
A	Single block shoe brake	B	Double block shoe brake										
C	Pivoted block shoe brake	D	None of these										
10	Default	<p>When partial journal bearing has no clearance, then the bearing is called</p> <table border="1"> <tr> <td>A</td> <td>Sleeve bearing</td> <td>B</td> <td>Guide bearing</td> </tr> <tr> <td>C</td> <td>Slipper bearing</td> <td>D</td> <td>Fitted bearing</td> </tr> </table>	A	Sleeve bearing	B	Guide bearing	C	Slipper bearing	D	Fitted bearing	D	D	<a href="#">Raise / View Objection</a>
A	Sleeve bearing	B	Guide bearing										
C	Slipper bearing	D	Fitted bearing										

11	Default	<p>A spring of mass (<math>m_s</math>) and stiffness (<math>k</math>) is fixed at one end and carries mass (<math>m</math>) at other end. The natural frequency of its longitudinal vibration is equal to,</p> <p>A <math>f = \frac{1}{2\pi} \sqrt{\frac{k}{m + \frac{m_s}{3}}}</math></p> <p>B <math>f = \frac{1}{2\pi} \sqrt{\frac{k}{ms + \frac{m}{3}}}</math></p> <p>C <math>f = \frac{1}{2\pi} \sqrt{\frac{3k}{m + \frac{m_s}{3}}}</math></p> <p>D <math>f = \frac{1}{2\pi} \sqrt{\frac{k}{3m + \frac{m_s}{3}}}</math></p>	A	A	<a href="#">Raise / View Objection</a>
12	Default	<p>Transmissibility is the ratio of</p> <p>A Force applied / Force transmitted</p> <p>B Damping co-efficient / Critical damping co-efficient</p> <p>C Force transmitted / Force applied</p> <p>D Critical damping co-efficient / Damping co-efficient</p>	C	C	<a href="#">Raise / View Objection</a>
13	Default	<p>The system of forces acting on a bell crank is shown in figure. Determine the magnitude of the resultant.</p>  <p>A 567 N</p> <p>B 1680 N</p> <p>C 2671 N</p> <p>D 1232 N</p>	C	C	<a href="#">Raise / View Objection</a>
14	Default	<p>Truss is said to be deficient, when number of members in truss are ____ than that required for perfect truss.</p> <p>A more</p> <p>B less</p> <p>C equal to</p> <p>D No relation</p>	B	B	<a href="#">Raise / View Objection</a>
15	Default	<p>The resultant of two forces, one of which is double the other is 260 N. If the direction of the larger force is reversed and the other remain unaltered, the magnitude of the resultant reduces to 180 N. Determine the magnitude of the forces.</p> <p>A 50 N, 200 N</p> <p>B 300 N, 100 N</p> <p>C 50 N, 100 N</p> <p>D 100 N, 200 N</p>	D	D	<a href="#">Raise / View Objection</a>
16	Default	<p>The distance of the centroid of the semicircle from the diametral axis is at ____.</p> <p>A <math>\frac{3\pi}{4}R</math></p> <p>B <math>\frac{2\pi}{3}R</math></p> <p>C <math>\frac{4R}{3\pi}</math></p> <p>D <math>\frac{3R}{2\pi}</math></p>	C	C	<a href="#">Raise / View Objection</a>
17	Default	<p>Moment of inertia of triangular section of height 'h' and base 'b' about the base is,</p> <p>A <math>\frac{bh^3}{36}</math></p> <p>B <math>\frac{bh^3}{18}</math></p> <p>C <math>\frac{bh^3}{12}</math></p> <p>D <math>\frac{bh^3}{14}</math></p>	C	C	<a href="#">Raise / View Objection</a>
18	Default	<p>The centre of gravity of a solid hemisphere of radius r is at ____ distance from its diametral axis.</p> <p>A <math>\frac{3r}{4}</math></p> <p>B <math>\frac{3r}{8}</math></p> <p>C <math>\frac{3r}{7}</math></p> <p>D <math>\frac{7r}{8}</math></p>	A	B	<a href="#">Raise / View Objection</a>
19	Default	<p>The property of material whereby it absorbs energy due to straining actions by undergoing plastic deformation is called</p> <p>A Elasticity</p> <p>B Resilience</p> <p>C Fatigue</p> <p>D Toughness</p>	D	D	<a href="#">Raise / View Objection</a>
20	Default	<p>A thin cylinder of internal diameter <math>D = 1</math> m and thickness <math>t = 12</math> mm is subjected to internal pressure of <math>2</math> N/mm<sup>2</sup>. Determine the hoop stress (N/mm<sup>2</sup>) developed.</p> <p>A 83</p> <p>B 56</p> <p>C 102</p> <p>D 79</p>	A	A	<a href="#">Raise / View Objection</a>

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21	Default	In beam of solid circular section, ratio of average shear stress to maximum shear stress is,	A 4/3	B 3/4	A	B	<a href="#">Raise / View Objection</a>
			C 2/3	D 3/2			
22	Default	Cementite phase is having _____ of iron carbide.	A 10%	B 30%	D	D	<a href="#">Raise / View Objection</a>
			C 50%	D 100%			
23	Default	Molybdenum is having _____ crystal structure.	A BCC	B FCC	A	A	<a href="#">Raise / View Objection</a>
			C HCP	D SC			
24	Default	Jominy end quench test is used for _____.	A Hardness test	B Toughness test	C	C	<a href="#">Raise / View Objection</a>
			C Hardenability test	D Creep test			
25	Default	In which of the following heat treatment process austenite can be transformed to bainite?	A Martempering	B Austempering	B	B	<a href="#">Raise / View Objection</a>
			C Hardening	D Annealing			
26	Default	Which of the following casting process is known as expandable pattern casting process?	A Sand casting	B Shell mould casting	C	C	<a href="#">Raise / View Objection</a>
			C Lost foam casting	D Die casting			
27	Default	Forging operation in which the thickness of bar is reduced by successive forging steps at specific intervals is called _____.	A Barreling	B Cogging	C	B	<a href="#">Raise / View Objection</a>
			C Drawing in	D Upsetting			
28	Default	Tendency for built up edge formation can be reduced by,	A Increasing rake angle	B Decreasing cutting speed	B	A	<a href="#">Raise / View Objection</a>
			C Increasing depth of cut	D Using dull tool			
29	Default	Crater wear occurs _____.	A on the tip of tool	B on the base of tool	C	C	<a href="#">Raise / View Objection</a>
			C on the rake face of tool	D on the flank face of tool			
30	Default	The presence of aluminium and silicon in steel tool,	A increase machinability	B increase tool wear	B	B	<a href="#">Raise / View Objection</a>
			C decrease tool wear	D increase ductility			
31	Default	Which of the following non-traditional machining process has highest material removal rate?	A Chemical machining	B Electro discharge machining	C	D	<a href="#">Raise / View Objection</a>
			C Laser beam machining	D Electro chemical machining			
32	Default	In brazing, the solder fills the joint by,	A Capillary action	B Diffusion	A	A	<a href="#">Raise / View Objection</a>
			C Fusion	D Surface tension			
33	Default	Voltage in the case of resistance welding process is,	A 15 to 20 V	B 10 to 15 V	B	D	<a href="#">Raise / View Objection</a>
			C 5 to 15 V	D 0.5 to 10 V			

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34	Default	Which of the following phase is not included in production, planning and control? <table border="1"> <tr> <td>A</td> <td>Planning phase</td> <td>B</td> <td>Motion phase</td> </tr> <tr> <td>C</td> <td>Action phase</td> <td>D</td> <td>Control phase</td> </tr> </table>	A	Planning phase	B	Motion phase	C	Action phase	D	Control phase	C	B	<a href="#">Raise / View Objection</a>
A	Planning phase	B	Motion phase										
C	Action phase	D	Control phase										
35	Default	Inputs to Material Requirement Planning system are, <table border="1"> <tr> <td>A</td> <td>Master production schedule</td> <td>B</td> <td>Inventory status file</td> </tr> <tr> <td>C</td> <td>Bill of materials</td> <td>D</td> <td>All of these</td> </tr> </table>	A	Master production schedule	B	Inventory status file	C	Bill of materials	D	All of these	D	D	<a href="#">Raise / View Objection</a>
A	Master production schedule	B	Inventory status file										
C	Bill of materials	D	All of these										
36	Default	Limit gauges are used to, <table border="1"> <tr> <td>A</td> <td>measure flatness</td> <td>B</td> <td>measure exact size</td> </tr> <tr> <td>C</td> <td>check if the component dimension lies within permissible limits</td> <td>D</td> <td>measure roughness</td> </tr> </table>	A	measure flatness	B	measure exact size	C	check if the component dimension lies within permissible limits	D	measure roughness	C	C	<a href="#">Raise / View Objection</a>
A	measure flatness	B	measure exact size										
C	check if the component dimension lies within permissible limits	D	measure roughness										
37	Default	No Go gauges are designed, <table border="1"> <tr> <td>A</td> <td>for maximum passability</td> <td>B</td> <td>for maximum impassability</td> </tr> <tr> <td>C</td> <td>without any specified conditions</td> <td>D</td> <td>without attaching any importance to them</td> </tr> </table>	A	for maximum passability	B	for maximum impassability	C	without any specified conditions	D	without attaching any importance to them	A	A	<a href="#">Raise / View Objection</a>
A	for maximum passability	B	for maximum impassability										
C	without any specified conditions	D	without attaching any importance to them										
38	Default	The degree to which an instrument conforms to the _____, determine its inherent accuracy. <table border="1"> <tr> <td>A</td> <td>Moore's law</td> <td>B</td> <td>Johnson's law</td> </tr> <tr> <td>C</td> <td>Mikelson's law</td> <td>D</td> <td>Abbe's law</td> </tr> </table>	A	Moore's law	B	Johnson's law	C	Mikelson's law	D	Abbe's law		D	<a href="#">Raise / View Objection</a>
A	Moore's law	B	Johnson's law										
C	Mikelson's law	D	Abbe's law										
39	Default	Micrometer measuring faces are tipped with _____ to prevent rapid wear. <table border="1"> <tr> <td>A</td> <td>Chromium</td> <td>B</td> <td>Molybdenum</td> </tr> <tr> <td>C</td> <td>Tungsten carbide</td> <td>D</td> <td>Copper</td> </tr> </table>	A	Chromium	B	Molybdenum	C	Tungsten carbide	D	Copper	B	C	<a href="#">Raise / View Objection</a>
A	Chromium	B	Molybdenum										
C	Tungsten carbide	D	Copper										
40	Default	Let the number of fringes on the reference block be N over a width of l mm. If the distance between two slip gauges is L and $\lambda$ is wavelength, then the difference in height of slip gauges (h) is, <table border="1"> <tr> <td>A</td> <td><math>\frac{\lambda LN}{2l}</math></td> <td>B</td> <td><math>\frac{\lambda l}{2L}</math></td> </tr> <tr> <td>C</td> <td><math>\frac{LN}{2l\lambda}</math></td> <td>D</td> <td><math>\frac{2\lambda N}{L}</math></td> </tr> </table>	A	$\frac{\lambda LN}{2l}$	B	$\frac{\lambda l}{2L}$	C	$\frac{LN}{2l\lambda}$	D	$\frac{2\lambda N}{L}$		A	<a href="#">Raise / View Objection</a>
A	$\frac{\lambda LN}{2l}$	B	$\frac{\lambda l}{2L}$										
C	$\frac{LN}{2l\lambda}$	D	$\frac{2\lambda N}{L}$										
41	Default	Excess pressure inside a spherical droplet is given by, ( $\sigma$ = Surface tension) <table border="1"> <tr> <td>A</td> <td><math>2\sigma/D</math></td> <td>B</td> <td><math>4\sigma/D</math></td> </tr> <tr> <td>C</td> <td><math>8\sigma/D</math></td> <td>D</td> <td><math>10\sigma/D</math></td> </tr> </table>	A	$2\sigma/D$	B	$4\sigma/D$	C	$8\sigma/D$	D	$10\sigma/D$	B	C	<a href="#">Raise / View Objection</a>
A	$2\sigma/D$	B	$4\sigma/D$										
C	$8\sigma/D$	D	$10\sigma/D$										
42	Default	Find centre of pressure of an isosceles triangular plate of base 4 m and altitude 4 m. When it is immersed vertically in an oil of specific gravity 0.9. The base of plate coincides with the free surface of oil. <table border="1"> <tr> <td>A</td> <td>1.99 m</td> <td>B</td> <td>2.81 m</td> </tr> <tr> <td>C</td> <td>1.75 m</td> <td>D</td> <td>1.50 m</td> </tr> </table>	A	1.99 m	B	2.81 m	C	1.75 m	D	1.50 m	B	A	<a href="#">Raise / View Objection</a>
A	1.99 m	B	2.81 m										
C	1.75 m	D	1.50 m										
43	Default	In submerged bodies, when centre of buoyancy is below centre of gravity, the body is in, <table border="1"> <tr> <td>A</td> <td>Stable equilibrium</td> <td>B</td> <td>Unstable equilibrium</td> </tr> <tr> <td>C</td> <td>Neutral equilibrium</td> <td>D</td> <td>Vibration</td> </tr> </table>	A	Stable equilibrium	B	Unstable equilibrium	C	Neutral equilibrium	D	Vibration	A	B	<a href="#">Raise / View Objection</a>
A	Stable equilibrium	B	Unstable equilibrium										
C	Neutral equilibrium	D	Vibration										
44	Default	Vorticity is _____ times the value of rotation. <table border="1"> <tr> <td>A</td> <td>2</td> <td>B</td> <td>3</td> </tr> <tr> <td>C</td> <td>4</td> <td>D</td> <td>5</td> </tr> </table>	A	2	B	3	C	4	D	5	A	B	<a href="#">Raise / View Objection</a>
A	2	B	3										
C	4	D	5										

45	Default	<p>Find the velocity of the flow of an oil through a pipe, when the difference of mercury level in a differential U-tube manometer connected to the two tapings of the pitot tube is 100 mm. Take coefficient of pitot tube 0.98 and specific gravity of oil = 0.8.</p> <table border="1"> <tr> <td>A</td> <td>4.39 m/s</td> <td>B</td> <td>5.49 m/s</td> </tr> <tr> <td>C</td> <td>6.8 m/s</td> <td>D</td> <td>9 m/s</td> </tr> </table>	A	4.39 m/s	B	5.49 m/s	C	6.8 m/s	D	9 m/s	B	B	<a href="#">Raise / View Objection</a>
A	4.39 m/s	B	5.49 m/s										
C	6.8 m/s	D	9 m/s										
46	Default	<p>What is the energy thickness for the velocity distribution in the boundary layer given by <math>u/U=y\delta</math> Where, u is velocity at a distance y from the plate and <math>u=U</math> at <math>y = \delta</math>, where <math>\delta</math> = boundary layer thickness.</p> <table border="1"> <tr> <td>A</td> <td><math>\delta/2</math></td> <td>B</td> <td><math>\delta/3</math></td> </tr> <tr> <td>C</td> <td><math>\delta/4</math></td> <td>D</td> <td><math>\delta/6</math></td> </tr> </table>	A	$\delta/2$	B	$\delta/3$	C	$\delta/4$	D	$\delta/6$	B	C	<a href="#">Raise / View Objection</a>
A	$\delta/2$	B	$\delta/3$										
C	$\delta/4$	D	$\delta/6$										
47	Default	<p>The ratio of the power available at the shaft of turbine to power delivered to the runner is defined as,</p> <table border="1"> <tr> <td>A</td> <td>Hydraulic efficiency</td> <td>B</td> <td>Mechanical efficiency</td> </tr> <tr> <td>C</td> <td>Volumetric efficiency</td> <td>D</td> <td>Overall efficiency</td> </tr> </table>	A	Hydraulic efficiency	B	Mechanical efficiency	C	Volumetric efficiency	D	Overall efficiency	B	B	<a href="#">Raise / View Objection</a>
A	Hydraulic efficiency	B	Mechanical efficiency										
C	Volumetric efficiency	D	Overall efficiency										
48	Default	<p>In reaction turbine, water at the inlet of turbine possesses,</p> <table border="1"> <tr> <td>A</td> <td>Kinetic energy</td> <td>B</td> <td>Potential energy</td> </tr> <tr> <td>C</td> <td>Kinetic and potential energy</td> <td>D</td> <td>None of these</td> </tr> </table>	A	Kinetic energy	B	Potential energy	C	Kinetic and potential energy	D	None of these	C	C	<a href="#">Raise / View Objection</a>
A	Kinetic energy	B	Potential energy										
C	Kinetic and potential energy	D	None of these										
49	Default	<p>Pelton turbine has _____ flow direction.</p> <table border="1"> <tr> <td>A</td> <td>Tangential</td> <td>B</td> <td>Axial</td> </tr> <tr> <td>C</td> <td>Radial</td> <td>D</td> <td>Universal</td> </tr> </table>	A	Tangential	B	Axial	C	Radial	D	Universal	A	A	<a href="#">Raise / View Objection</a>
A	Tangential	B	Axial										
C	Radial	D	Universal										
50	Default	<p>Draft tube is pipe of,</p> <table border="1"> <tr> <td>A</td> <td>Decreasing area</td> <td>B</td> <td>Uniform circular area</td> </tr> <tr> <td>C</td> <td>Increasing area</td> <td>D</td> <td>Connecting inlet of the runner</td> </tr> </table>	A	Decreasing area	B	Uniform circular area	C	Increasing area	D	Connecting inlet of the runner	C	C	<a href="#">Raise / View Objection</a>
A	Decreasing area	B	Uniform circular area										
C	Increasing area	D	Connecting inlet of the runner										
51	Default	<p>Capacity to exert force through a distance, is called</p> <table border="1"> <tr> <td>A</td> <td>Entropy</td> <td>B</td> <td>Power</td> </tr> <tr> <td>C</td> <td>Energy</td> <td>D</td> <td>Work</td> </tr> </table>	A	Entropy	B	Power	C	Energy	D	Work	D	C	<a href="#">Raise / View Objection</a>
A	Entropy	B	Power										
C	Energy	D	Work										
52	Default	<p>If the fluid is an ideal gas, the temperature of gas in tank after it is charged _____ times initial temperature.</p> <table border="1"> <tr> <td>A</td> <td>2</td> <td>B</td> <td>1.4</td> </tr> <tr> <td>C</td> <td>1.9</td> <td>D</td> <td>1.67</td> </tr> </table>	A	2	B	1.4	C	1.9	D	1.67	B	B	<a href="#">Raise / View Objection</a>
A	2	B	1.4										
C	1.9	D	1.67										
53	Default	<p>Which of the following equation provides correct relation between COP of Heat pump and refrigerator?</p> <table border="1"> <tr> <td>A</td> <td><math>(COP)_{H.P} = (COP)_R + 1</math></td> <td>B</td> <td><math>(COP)_R = (COP)_{H.P} + 1</math></td> </tr> <tr> <td>C</td> <td><math>(COP)_R + (COP)_{H.P} = 1</math></td> <td>D</td> <td><math>(COP)_R = 2 - (COP)_{H.P}</math></td> </tr> </table>	A	$(COP)_{H.P} = (COP)_R + 1$	B	$(COP)_R = (COP)_{H.P} + 1$	C	$(COP)_R + (COP)_{H.P} = 1$	D	$(COP)_R = 2 - (COP)_{H.P}$	A	A	<a href="#">Raise / View Objection</a>
A	$(COP)_{H.P} = (COP)_R + 1$	B	$(COP)_R = (COP)_{H.P} + 1$										
C	$(COP)_R + (COP)_{H.P} = 1$	D	$(COP)_R = 2 - (COP)_{H.P}$										
54	Default	<p>Irreversibility caused by effects like turbulence and friction is known as,</p> <table border="1"> <tr> <td>A</td> <td>Internal irreversibility</td> <td>B</td> <td>External irreversibility</td> </tr> <tr> <td>C</td> <td>Dissipative irreversibility</td> <td>D</td> <td>None of these</td> </tr> </table>	A	Internal irreversibility	B	External irreversibility	C	Dissipative irreversibility	D	None of these	A	A	<a href="#">Raise / View Objection</a>
A	Internal irreversibility	B	External irreversibility										
C	Dissipative irreversibility	D	None of these										
55	Default	<p>Area under the T-s diagram gives,</p> <table border="1"> <tr> <td>A</td> <td>Work transfer</td> <td>B</td> <td>Entropy transfer</td> </tr> <tr> <td>C</td> <td>Flow transfer</td> <td>D</td> <td>Heat transfer</td> </tr> </table>	A	Work transfer	B	Entropy transfer	C	Flow transfer	D	Heat transfer	D	D	<a href="#">Raise / View Objection</a>
A	Work transfer	B	Entropy transfer										
C	Flow transfer	D	Heat transfer										
56	Default	<p>For the same compression ratio, efficiency of diesel cycle is _____ otto cycle.</p> <table border="1"> <tr> <td>A</td> <td>greater than</td> <td>B</td> <td>less than</td> </tr> <tr> <td>C</td> <td>equal to</td> <td>D</td> <td>no relation</td> </tr> </table>	A	greater than	B	less than	C	equal to	D	no relation	B	B	<a href="#">Raise / View Objection</a>
A	greater than	B	less than										
C	equal to	D	no relation										


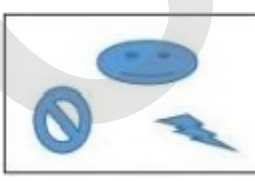
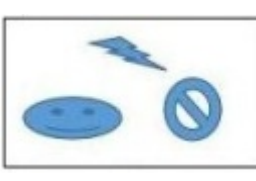
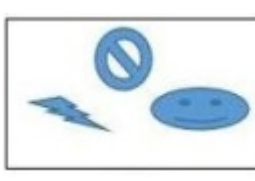
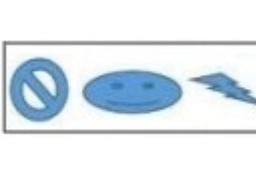
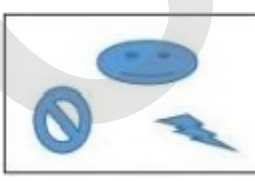
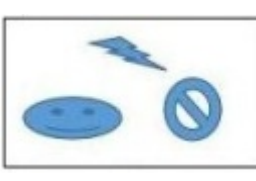
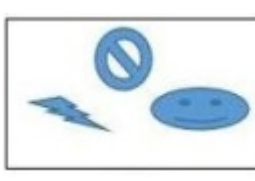
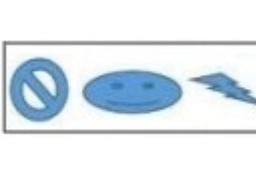
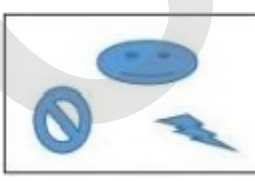
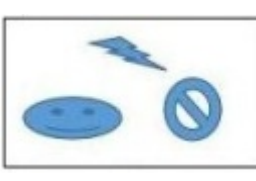
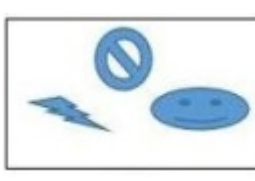
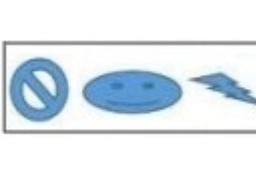


57	Default	<p>Brayton cycle consists of,</p> <table border="1"> <tbody> <tr> <td>A</td> <td>two isobaric and two isothermal processes</td> <td>B</td> <td>two isochoric and two isothermal processes</td> </tr> <tr> <td>C</td> <td>two isochoric and two reversible adiabatic processes</td> <td>D</td> <td>two isobaric and two reversible adiabatic processes</td> </tr> </tbody> </table>	A	two isobaric and two isothermal processes	B	two isochoric and two isothermal processes	C	two isochoric and two reversible adiabatic processes	D	two isobaric and two reversible adiabatic processes	D	D	<a href="#">Raise / View Objection</a>
A	two isobaric and two isothermal processes	B	two isochoric and two isothermal processes										
C	two isochoric and two reversible adiabatic processes	D	two isobaric and two reversible adiabatic processes										
58	Default	<p>Psychrometer is useful to measure,</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Dry bulb temperature</td> <td>B</td> <td>Wet bulb temperature</td> </tr> <tr> <td>C</td> <td>Dry and wet bulb temperature</td> <td>D</td> <td>Dew point temperature</td> </tr> </tbody> </table>	A	Dry bulb temperature	B	Wet bulb temperature	C	Dry and wet bulb temperature	D	Dew point temperature	C	C	<a href="#">Raise / View Objection</a>
A	Dry bulb temperature	B	Wet bulb temperature										
C	Dry and wet bulb temperature	D	Dew point temperature										
59	Default	<p>In food refrigeration facilities, most widely used fluid is,</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Ammonia</td> <td>B</td> <td>R-134a</td> </tr> <tr> <td>C</td> <td>Water</td> <td>D</td> <td>Ethane</td> </tr> </tbody> </table>	A	Ammonia	B	R-134a	C	Water	D	Ethane	C	A	<a href="#">Raise / View Objection</a>
A	Ammonia	B	R-134a										
C	Water	D	Ethane										
60	Default	<p>The ratio of partial pressure of water vapour in mixture to the saturation pressure of pure water at the same temperature is called,</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Specific humidity</td> <td>B</td> <td>Saturation ration</td> </tr> <tr> <td>C</td> <td>Relative humidity</td> <td>D</td> <td>Humidity ratio</td> </tr> </tbody> </table>	A	Specific humidity	B	Saturation ration	C	Relative humidity	D	Humidity ratio	C	C	<a href="#">Raise / View Objection</a>
A	Specific humidity	B	Saturation ration										
C	Relative humidity	D	Humidity ratio										
61	Default	<p><b>Read the passage carefully and answer the corresponding question :</b></p> <p>In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we cannot hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.</p> <p>According to the author, religion is essentially a</p> <table border="1"> <tbody> <tr> <td>A</td> <td>personal matter.</td> <td>B</td> <td>matter having national relevance.</td> </tr> <tr> <td>C</td> <td>body of rules and regulations.</td> <td>D</td> <td>sacrifice of worldly desires.</td> </tr> </tbody> </table>	A	personal matter.	B	matter having national relevance.	C	body of rules and regulations.	D	sacrifice of worldly desires.	A	A	<a href="#">Raise / View Objection</a>
A	personal matter.	B	matter having national relevance.										
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62	Default	<p><b>Read the passage carefully and answer the corresponding question :</b></p> <p>In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we cannot hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.</p> <p>The statement "we must hold together" means that we should</p> <table border="1"> <tbody> <tr> <td>A</td> <td>be politically united.</td> <td>B</td> <td>work together.</td> </tr> <tr> <td>C</td> <td>be spiritually united</td> <td>D</td> <td>keep up our nation's prestige.</td> </tr> </tbody> </table>	A	be politically united.	B	work together.	C	be spiritually united	D	keep up our nation's prestige.	A	D	<a href="#">Raise / View Objection</a>
A	be politically united.	B	work together.										
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63	Default	<p><b>Read the passage carefully and answer the corresponding question :</b></p> <p>In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we cannot hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.</p> <p>The author thinks that in the modern times</p> <table border="1"> <tbody> <tr> <td>A</td> <td>the police have grown very powerful.</td> <td>B</td> <td>people's needs have increased.</td> </tr> <tr> <td>C</td> <td>politicians have become corrupt.</td> <td>D</td> <td>we are practising several faiths</td> </tr> </tbody> </table>	A	the police have grown very powerful.	B	people's needs have increased.	C	politicians have become corrupt.	D	we are practising several faiths		B	<a href="#">Raise / View Objection</a>
A	the police have grown very powerful.	B	people's needs have increased.										
C	politicians have become corrupt.	D	we are practising several faiths										
64	Default	<p><b>Read the passage carefully and answer the corresponding question :</b></p> <p>In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we cannot hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.</p> <p>The worst thing about modern science is that it has</p> <table border="1"> <tbody> <tr> <td>A</td> <td>produced dangerous weapons.</td> <td>B</td> <td>spread new superstitions.</td> </tr> <tr> <td>C</td> <td>contributed to the decline of our values.</td> <td>D</td> <td>discredited all religions.</td> </tr> </tbody> </table>	A	produced dangerous weapons.	B	spread new superstitions.	C	contributed to the decline of our values.	D	discredited all religions.	B	C	<a href="#">Raise / View Objection</a>
A	produced dangerous weapons.	B	spread new superstitions.										
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65	Default	<p>Read the passage carefully and answer the corresponding question :</p> <p>In the highest sense religion is an intensely individual issue. But there is a national question also. We must hold together. And we cannot hold together only on the strength of police regulations. An internal regulator of conduct is absolutely necessary. Will men be good and wise without the aid of religion? As modern life has multiplied desires without the corrective of a sense of spiritual values, knowledge of modern science does not reduce either greed or lust. Indeed it has nothing to do with these criminal disturbances of the mind. On the contrary, it finds fresh tools for greater indulgence in all forms of greed, lust and anger. It is true that a sense of shame by itself often prevents overt misconduct. But it does not go to the root of the mischief; it does not stop undesirable mental activities. The only thing that can prevent or restrain these evils is the religious sense.</p> <p>The author holds that the perfect remedy for man's evil propensities is a</p> <table border="1"> <tbody> <tr> <td>A</td> <td>sense of shame.</td> <td>B</td> <td>religious sense.</td> </tr> <tr> <td>C</td> <td>combination of a sense of shame and religion.</td> <td>D</td> <td>sense of good conduct.</td> </tr> </tbody> </table>	A	sense of shame.	B	religious sense.	C	combination of a sense of shame and religion.	D	sense of good conduct.	B	B	<a href="#">Raise / View Objection</a>
A	sense of shame.	B	religious sense.										
C	combination of a sense of shame and religion.	D	sense of good conduct.										
66	Default	<p>GIVE opposite (antonym):</p> <p>Amorous</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Erotic</td> <td>B</td> <td>Attached</td> </tr> <tr> <td>C</td> <td>Frigid</td> <td>D</td> <td>Anxiety</td> </tr> </tbody> </table>	A	Erotic	B	Attached	C	Frigid	D	Anxiety		C	<a href="#">Raise / View Objection</a>
A	Erotic	B	Attached										
C	Frigid	D	Anxiety										
67	Default	<p>GIVE SYNONYM:</p> <p>Wicked</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Vile</td> <td>B</td> <td>Ethical</td> </tr> <tr> <td>C</td> <td>Thin</td> <td>D</td> <td>Tempt</td> </tr> </tbody> </table>	A	Vile	B	Ethical	C	Thin	D	Tempt		A	<a href="#">Raise / View Objection</a>
A	Vile	B	Ethical										
C	Thin	D	Tempt										
68	Default	<p>Pick one word for the following expression :</p> <p>A funeral bell</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Kalology</td> <td>B</td> <td>Knell</td> </tr> <tr> <td>C</td> <td>Kimono</td> <td>D</td> <td>Kennel</td> </tr> </tbody> </table>	A	Kalology	B	Knell	C	Kimono	D	Kennel		B	<a href="#">Raise / View Objection</a>
A	Kalology	B	Knell										
C	Kimono	D	Kennel										
69	Default	<p>Choose the alternative which best expresses the meaning of idiom/phrase.</p> <p>I felt that it was a <u>tall order</u> to expect Manisha to go home alone at twelve in the night.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Too much</td> <td>B</td> <td>Difficult</td> </tr> <tr> <td>C</td> <td>Simple</td> <td>D</td> <td>Customary</td> </tr> </tbody> </table>	A	Too much	B	Difficult	C	Simple	D	Customary	B	A	<a href="#">Raise / View Objection</a>
A	Too much	B	Difficult										
C	Simple	D	Customary										
70	Default	<p>Fill in the blanks with appropriate article.</p> <p>I've been waiting for _____ long time.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>no article</td> <td>B</td> <td>the</td> </tr> <tr> <td>C</td> <td>a</td> <td>D</td> <td>an</td> </tr> </tbody> </table>	A	no article	B	the	C	a	D	an	A	C	<a href="#">Raise / View Objection</a>
A	no article	B	the										
C	a	D	an										
71	Default	<p>Put the most appropriate preposition.</p> <p>She has three children.....her first husband.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>of</td> <td>B</td> <td>in</td> </tr> <tr> <td>C</td> <td>by</td> <td>D</td> <td>from</td> </tr> </tbody> </table>	A	of	B	in	C	by	D	from	C	C	<a href="#">Raise / View Objection</a>
A	of	B	in										
C	by	D	from										
72	Default	<p>Fill in the blanks with suitable option.</p> <p>He is a _____ person, he eats all the time.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>skilled</td> <td>B</td> <td>voracious</td> </tr> <tr> <td>C</td> <td>slanderous</td> <td>D</td> <td>biased</td> </tr> </tbody> </table>	A	skilled	B	voracious	C	slanderous	D	biased		B	<a href="#">Raise / View Objection</a>
A	skilled	B	voracious										
C	slanderous	D	biased										
73	Default	<p>Select the correct verb form.</p> <p>I love _____ here.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>working</td> <td>B</td> <td>work</td> </tr> <tr> <td>C</td> <td>worked</td> <td>D</td> <td>worker</td> </tr> </tbody> </table>	A	working	B	work	C	worked	D	worker	A	A	<a href="#">Raise / View Objection</a>
A	working	B	work										
C	worked	D	worker										

74	Default	<p>Identify the type of sentence: Get out.</p> <table border="1"> <tr> <td>A</td> <td>Assertive</td> <td>B</td> <td>Imperative</td> </tr> <tr> <td>C</td> <td>Interrogative</td> <td>D</td> <td>Exclamatory</td> </tr> </table>	A	Assertive	B	Imperative	C	Interrogative	D	Exclamatory		B	<a href="#">Raise / View Objection</a>
A	Assertive	B	Imperative										
C	Interrogative	D	Exclamatory										
75	Default	<p>Select the incorrect part of the sentence: One must drink<sup>1</sup> eight glass<sup>2</sup> of water every day.<sup>3</sup></p> <table border="1"> <tr> <td>A</td> <td>1</td> <td>B</td> <td>2</td> </tr> <tr> <td>C</td> <td>3</td> <td>D</td> <td>No error</td> </tr> </table>	A	1	B	2	C	3	D	No error	A	B	<a href="#">Raise / View Objection</a>
A	1	B	2										
C	3	D	No error										
76	Default	<p>If 'ishltoinm' stands for 'neat and tidy'; 'qprinmsen' stands for 'small but neat' and 'hsmnsenso' stands for 'good but erratic', what would 'but' stand for ?</p> <table border="1"> <tr> <td>A</td> <td>inm</td> <td>B</td> <td>qpr</td> </tr> <tr> <td>C</td> <td>sen</td> <td>D</td> <td>hsm</td> </tr> </table>	A	inm	B	qpr	C	sen	D	hsm	C	C	<a href="#">Raise / View Objection</a>
A	inm	B	qpr										
C	sen	D	hsm										
77	Default	<p>Complete the Analogy: Needle : Thread :: Pen : ?</p> <table border="1"> <tr> <td>A</td> <td>Ink</td> <td>B</td> <td>Cap</td> </tr> <tr> <td>C</td> <td>Paper</td> <td>D</td> <td>Word</td> </tr> </table>	A	Ink	B	Cap	C	Paper	D	Word	A	A	<a href="#">Raise / View Objection</a>
A	Ink	B	Cap										
C	Paper	D	Word										
78	Default	<p>In a certain code language, if the word ADVENTURE is coded as AEUEDVNTR, then how is the word PLATINUM coded in that language?</p> <table border="1"> <tr> <td>A</td> <td>ATIMUNLP</td> <td>B</td> <td>APLITMUN</td> </tr> <tr> <td>C</td> <td>AIUPLTNM</td> <td>D</td> <td>ATUMPLIN</td> </tr> </table>	A	ATIMUNLP	B	APLITMUN	C	AIUPLTNM	D	ATUMPLIN	C	C	<a href="#">Raise / View Objection</a>
A	ATIMUNLP	B	APLITMUN										
C	AIUPLTNM	D	ATUMPLIN										
79	Default	<p>Water is related to Ocean in the same way as Snow is related to .....</p> <table border="1"> <tr> <td>A</td> <td>Peaks</td> <td>B</td> <td>Hail</td> </tr> <tr> <td>C</td> <td>Glacier</td> <td>D</td> <td>Mountain</td> </tr> </table>	A	Peaks	B	Hail	C	Glacier	D	Mountain	A	C	<a href="#">Raise / View Objection</a>
A	Peaks	B	Hail										
C	Glacier	D	Mountain										
80	Default	<p>Choose the correct alternative that will continue the same pattern and fill in the blank spaces. 2, 6, 15, 31, 56, 92, ...</p> <table border="1"> <tr> <td>A</td> <td>108</td> <td>B</td> <td>122</td> </tr> <tr> <td>C</td> <td>134</td> <td>D</td> <td>141</td> </tr> </table>	A	108	B	122	C	134	D	141	D	D	<a href="#">Raise / View Objection</a>
A	108	B	122										
C	134	D	141										
81	Default	<p>Find which one word cannot be made from the letters of the given word. ENDEAVOUR</p> <table border="1"> <tr> <td>A</td> <td>DROVE</td> <td>B</td> <td>DEVOUR</td> </tr> <tr> <td>C</td> <td>DROWN</td> <td>D</td> <td>ROUND</td> </tr> </table>	A	DROVE	B	DEVOUR	C	DROWN	D	ROUND	C	C	<a href="#">Raise / View Objection</a>
A	DROVE	B	DEVOUR										
C	DROWN	D	ROUND										
82	Default	<p>In a certain code language, if REGARDS = 49 and MANPOWER = 64, then SIMULATION = ?</p> <table border="1"> <tr> <td>A</td> <td>81</td> <td>B</td> <td>121</td> </tr> <tr> <td>C</td> <td>90</td> <td>D</td> <td>100</td> </tr> </table>	A	81	B	121	C	90	D	100		D	<a href="#">Raise / View Objection</a>
A	81	B	121										
C	90	D	100										
83	Default	<p>If Akshay finds that he is twelfth from the right in a line of boys and fourth from the left, how many boys should be added to the line such that there are 28 boys in the line?</p> <table border="1"> <tr> <td>A</td> <td>12</td> <td>B</td> <td>13</td> </tr> <tr> <td>C</td> <td>14</td> <td>D</td> <td>15</td> </tr> </table>	A	12	B	13	C	14	D	15	B	B	<a href="#">Raise / View Objection</a>
A	12	B	13										
C	14	D	15										



84	Default	<p>Introducing a man to her husband, a woman said, "his brother's father is the only son of my grandfather." How is the woman related to his man?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Mother</td> <td>B</td> <td>Grandmother</td> </tr> <tr> <td>C</td> <td>Sister</td> <td>D</td> <td>Daughter</td> </tr> </tbody> </table>	A	Mother	B	Grandmother	C	Sister	D	Daughter	D	C	<a href="#">Raise / View Objection</a>
A	Mother	B	Grandmother										
C	Sister	D	Daughter										
85	Default	<p>Manish ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it. How many boys were there in the class?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>40</td> <td>B</td> <td>44</td> </tr> <tr> <td>C</td> <td>50</td> <td>D</td> <td>55</td> </tr> </tbody> </table>	A	40	B	44	C	50	D	55	D	D	<a href="#">Raise / View Objection</a>
A	40	B	44										
C	50	D	55										
86	Default	<p>Nehal starts from his house towards West. After walking a distance of 40 metres, he turned towards right and walked 30 metres. He then turned left and moving a distance of 20 metres, turned to his left again and walked 50 metres. He now turns to the left and walks 15 metres. Finally, he turns to his left. In which direction is he walking now?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>North</td> <td>B</td> <td>South</td> </tr> <tr> <td>C</td> <td>East</td> <td>D</td> <td>West</td> </tr> </tbody> </table>	A	North	B	South	C	East	D	West	A	A	<a href="#">Raise / View Objection</a>
A	North	B	South										
C	East	D	West										
87	Default	<p>Choose the correct alternative that will continue the same pattern and fill in the blank space. 2, 14, 38, 74, ...</p> <table border="1"> <tbody> <tr> <td>A</td> <td>98</td> <td>B</td> <td>134</td> </tr> <tr> <td>C</td> <td>122</td> <td>D</td> <td>108</td> </tr> </tbody> </table>	A	98	B	134	C	122	D	108	C	C	<a href="#">Raise / View Objection</a>
A	98	B	134										
C	122	D	108										
88	Default	<p>Choose the correct alternative and fill in the blank space. 25, 40, 65, _____, 170, 275..</p> <table border="1"> <tbody> <tr> <td>A</td> <td>105</td> <td>B</td> <td>90</td> </tr> <tr> <td>C</td> <td>85</td> <td>D</td> <td>115</td> </tr> </tbody> </table>	A	105	B	90	C	85	D	115		A	<a href="#">Raise / View Objection</a>
A	105	B	90										
C	85	D	115										
89	Default	<p>Choose the word which is different from the rest.</p> <table border="1"> <tbody> <tr> <td>A</td> <td>Cards</td> <td>B</td> <td>Football</td> </tr> <tr> <td>C</td> <td>Chess</td> <td>D</td> <td>Snacks &amp; Ladders</td> </tr> </tbody> </table>	A	Cards	B	Football	C	Chess	D	Snacks & Ladders	B	B	<a href="#">Raise / View Objection</a>
A	Cards	B	Football										
C	Chess	D	Snacks & Ladders										
90	Default	<p>Choose the remaining alternative to complete the series. P_RNPN__PN_N</p> <table border="1"> <tbody> <tr> <td>A</td> <td>MRNR</td> <td>B</td> <td>RMNR</td> </tr> <tr> <td>C</td> <td>RRNR</td> <td>D</td> <td>NRNR</td> </tr> </tbody> </table>	A	MRNR	B	RMNR	C	RRNR	D	NRNR	D	D	<a href="#">Raise / View Objection</a>
A	MRNR	B	RMNR										
C	RRNR	D	NRNR										
91	Default	<p>What is next?</p>  <table border="1"> <tbody> <tr> <td>A</td> <td></td> <td>B</td> <td></td> </tr> <tr> <td>C</td> <td></td> <td>D</td> <td></td> </tr> </tbody> </table>	A		B		C		D		D	B	<a href="#">Raise / View Objection</a>
A		B											
C		D											
92	Default	<p>Pritesh scored an average of 78 marks on his first four English tests. After taking the next test, his average dropped by 3. Which of the following is his most recent test score?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>63</td> <td>B</td> <td>60</td> </tr> <tr> <td>C</td> <td>62</td> <td>D</td> <td>66</td> </tr> </tbody> </table>	A	63	B	60	C	62	D	66	A	A	<a href="#">Raise / View Objection</a>
A	63	B	60										
C	62	D	66										

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93	Default	<p>A number <math>x</math> equal 52 times the average of these terms 1, 5, 10, 12 and <math>y</math>. In terms of <math>x</math> what is the value of <math>y</math>?</p> <table border="1"> <tbody> <tr> <td>A</td> <td><math>\frac{5}{2}x - 28</math></td> <td>B</td> <td><math>2x - 28</math></td> </tr> <tr> <td>C</td> <td><math>5x - 28</math></td> <td>D</td> <td>None of these</td> </tr> </tbody> </table>	A	$\frac{5}{2}x - 28$	B	$2x - 28$	C	$5x - 28$	D	None of these	D	B	<a href="#">Raise / View Objection</a>
A	$\frac{5}{2}x - 28$	B	$2x - 28$										
C	$5x - 28$	D	None of these										
94	Default	<p>If <math>47a + 47b = 5452</math>, what is the average of <math>a</math> and <math>b</math>?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>116</td> <td>B</td> <td>23.5</td> </tr> <tr> <td>C</td> <td>96</td> <td>D</td> <td>58</td> </tr> </tbody> </table>	A	116	B	23.5	C	96	D	58	B	D	<a href="#">Raise / View Objection</a>
A	116	B	23.5										
C	96	D	58										
95	Default	<p>If the arithmetic mean of the roots of a quadratic in <math>x</math> is 8 and geometric mean is 5, then the quadratic is</p> <table border="1"> <tbody> <tr> <td>A</td> <td><math>x^2 - 8x + 25 = 0</math></td> <td>B</td> <td><math>x^2 + 16x + 5 = 0</math></td> </tr> <tr> <td>C</td> <td><math>x^2 - 16x + 25 = 0</math></td> <td>D</td> <td>None of these</td> </tr> </tbody> </table>	A	$x^2 - 8x + 25 = 0$	B	$x^2 + 16x + 5 = 0$	C	$x^2 - 16x + 25 = 0$	D	None of these	C	C	<a href="#">Raise / View Objection</a>
A	$x^2 - 8x + 25 = 0$	B	$x^2 + 16x + 5 = 0$										
C	$x^2 - 16x + 25 = 0$	D	None of these										
96	Default	<p>A cube has a diagonal 17.32 cm long. The volume of the cube is</p> <table border="1"> <tbody> <tr> <td>A</td> <td>1003 cu. cm</td> <td>B</td> <td>1000 cu. cm</td> </tr> <tr> <td>C</td> <td>100 cu. cm</td> <td>D</td> <td>10 cu. cm</td> </tr> </tbody> </table>	A	1003 cu. cm	B	1000 cu. cm	C	100 cu. cm	D	10 cu. cm	A	B	<a href="#">Raise / View Objection</a>
A	1003 cu. cm	B	1000 cu. cm										
C	100 cu. cm	D	10 cu. cm										
97	Default	<p>Mr. Patel borrows ₹ 10,000 to pay for new furniture. They will pay back the loan by making 12 monthly payments of ₹ 1085. How much does loan cost?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>13,030</td> <td>B</td> <td>13,020</td> </tr> <tr> <td>C</td> <td>13,040</td> <td>D</td> <td>None of these</td> </tr> </tbody> </table>	A	13,030	B	13,020	C	13,040	D	None of these	A	B	<a href="#">Raise / View Objection</a>
A	13,030	B	13,020										
C	13,040	D	None of these										
98	Default	<p>If <math>(a - 2)^2 + (b - 2)^2 + (c - 2)^2 = 0</math>, then what is the value of <math>a^2 + b^2 + c^2</math>?</p> <table border="1"> <tbody> <tr> <td>A</td> <td><math>2\sqrt{2}</math></td> <td>B</td> <td><math>2\sqrt{3}</math></td> </tr> <tr> <td>C</td> <td><math>\sqrt{3}</math></td> <td>D</td> <td>None of these</td> </tr> </tbody> </table>	A	$2\sqrt{2}$	B	$2\sqrt{3}$	C	$\sqrt{3}$	D	None of these		D	<a href="#">Raise / View Objection</a>
A	$2\sqrt{2}$	B	$2\sqrt{3}$										
C	$\sqrt{3}$	D	None of these										
99	Default	<p>The average of four positive integers is 73.5. The highest integer is 108 and the lowest integer is 29. The difference between the remaining two integer is 15. Which of the following is the smaller of the remaining two integer?</p> <table border="1"> <tbody> <tr> <td>A</td> <td>71</td> <td>B</td> <td>76</td> </tr> <tr> <td>C</td> <td>79</td> <td>D</td> <td>None of these</td> </tr> </tbody> </table>	A	71	B	76	C	79	D	None of these	D	A	<a href="#">Raise / View Objection</a>
A	71	B	76										
C	79	D	None of these										
100	Default	<p>What is 100<sup>th</sup> term in the following sequence? 1, 1, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, ...</p> <table border="1"> <tbody> <tr> <td>A</td> <td>12</td> <td>B</td> <td>11</td> </tr> <tr> <td>C</td> <td>10</td> <td>D</td> <td>9</td> </tr> </tbody> </table>	A	12	B	11	C	10	D	9	C	C	<a href="#">Raise / View Objection</a>
A	12	B	11										
C	10	D	9										

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