

Subject Code : 108 ▼

Subject Code	Exam Date	Q Id	Questions	Answer Key
108	12-02-2021	801	<p>The recently adopted Lucknow Declaration is related to which field?</p> <p>(A) Defence Cooperation</p> <p>(B) Environment Protection</p> <p>(C) Imports and Exports</p> <p>(D) E-Governance</p>	(A)
108	12-02-2021	802	<p>What are 'the camel', 'the mongoose', 'kaboom' and 'aluminum' that have been in news recently with reference to sports field?</p> <p>(A) Squadrons</p> <p>(B) Military codes</p> <p>(C) Chess moves</p> <p>(D) Cricket bats</p>	(D)
108	12-02-2021	803	<p>External Affairs Minister S Jai Shankar proposed Eight Guiding principles to repair the strained relations with which country?</p> <p>(A) Sri Lanka</p> <p>(B) Japan</p> <p>(C) China</p> <p>(D) Pakistan</p>	(C)
108	12-02-2021	804	<p>The first geothermal power project of India will be established at Puga village of</p> <p>(A) Chandigarh</p> <p>(B) Leh</p> <p>(C) Dehradun</p>	(D)

			(D) Ladakh	
108	12-02-2021	805	<p>What is Glacial Lake Outburst Flood?</p> <p>(A) The massive glacier burst which occurred at Chamoli in Uttarakhand</p> <p>(B) A type of outburst flood which occurs when the dam comprising a glacial lake gets failed</p> <p>(C) Huge displacement of water in a glacial lake because of collapse of any glacier into it</p> <p>(D) All of the options</p>	(D)
108	12-02-2021	806	<p>28, 25, 5, 21, 18, 5, 14, ...</p> <p>Choose which pair of numbers comes next?</p> <p>(A) 10, 7</p> <p>(B) 11, 8</p> <p>(C) 11, 5</p> <p>(D) 5, 10</p>	(C)
108	12-02-2021	807	<p>There are five friends named as A, B, C, D and E all working in various shops as stationary shop, book store, grocery shop, hardware shop, sports goods shop. Also all like to play different games such as hockey, kabbadi, basketball, tennis and football.</p> <p>A does not like hockey. B has a book store and likes to play football. C and D do not like tennis and C has grocery shop whereas D has hardware shop. E likes kabbadi and does not work in stationary shop. The person who likes hockey does not work in hardware shop. Which combination is true from above information?</p> <p>(A) A - book store- tennis</p> <p>(B) B- stationary – kabbadi</p> <p>(C) D – sports goods shop</p> <p>(D) C – grocery – hockey</p>	(D)

108	12-02-2021	808	<p>'Metal' is related to 'Conduction' in the same way as 'Plastic' is related to:</p> <p>(A) Ground oil chemistry</p> <p>(B) Industry</p> <p>(C) Inflammability</p> <p>(D) Insulation</p>	(C)
108	12-02-2021	809	<p>Find the day of the week on 11th April 1980.</p> <p>(A) Sunday</p> <p>(B) Monday</p> <p>(C) Friday</p> <p>(D) Thursday</p>	(C)
108	12-02-2021	810	<p>In a row of 62 persons. Ranu is 36th from the left side of the row and Raman is 29th from the right side of the row. Find out the number of persons sitting between them?</p> <p>(A) 1</p> <p>(B) 2</p> <p>(C) 3</p> <p>(D) 4</p>	(A)
108	12-02-2021	811	<p>Arrange in proper sequence to form a meaningful paragraph:-</p> <p>(A) It causes a lot of physical problems especially for our eyes, body and mind.</p> <p>(B) Such a lifestyle makes man lazy and excessively dependent on machines.</p> <p>(C) Innovative products such as computers, laptops, mobile phones,</p> <p>(D) Harmful radiation causes various terminal diseases.</p> <p>(E) Technology has advanced rapidly and man cannot seem to live without it now.</p> <p>(F) iPads have made things easier for us, but it also has its disadvantages.</p> <p>(A) E C B A D F</p>	(D)

			<p>(B) D C B A E F</p> <p>(C) D E B A C F</p> <p>(D) E C F A D B</p>	
108	12-02-2021	812	<p>Choose the synonym of the word "VENT"</p> <p>(A) Opening</p> <p>(B) Push</p> <p>(C) End</p> <p>(D) Discourage</p>	(A)
108	12-02-2021	813	<p>Find out whether there is any Grammatical error in the underlined part of the below sentence. If yes, indicate the correct answer among the given options, else indicate "No correction":</p> <p>Either Lisa or Karen will always volunteer <u>their</u> valuable time to serve on our board.</p> <p>(A) were</p> <p>(B) there</p> <p>(C) her</p> <p>(D) No correction</p>	(D)
108	12-02-2021	814	<p>Fill up with the correct preposition:</p> <p>My friend has been living in Canada two years.</p> <p>(A) for</p> <p>(B) from</p> <p>(C) since</p> <p>(D) by</p>	(A)
108	12-02-2021	815	<p>Complete the following sentence meaningfully with options given:</p> <p>"The village headman was unlettered, but he was</p>	(B)

			<p>no fool, he could see through the _____ of the businessman's proposition and promptly _____ him down."</p> <p>(A) naivete,turned</p> <p>(B) sophistry,turned</p> <p>(C) deception,forced</p> <p>(D) potential,forced</p>	
108	12-02-2021	816	<p>What is the correct meaning of the underlined phrase in the following sentence:</p> <p>He spent most of his life abroad as <u>one sent out of his country.</u></p> <p>(A) an exile</p> <p>(B) seeking shelter</p> <p>(C) an orphan</p> <p>(D) epigram</p>	(A)
108	12-02-2021	817	<p>Antonym of Dainty</p> <p>(A) clumsy</p> <p>(B) disturbed</p> <p>(C) straight</p> <p>(D) dismayed</p>	(A)
108	12-02-2021	818	<p>Select the correct sentence.</p> <p>(A) The train is expected for arrival between 11pm to 12pm.</p> <p>(B) The train is expected to arrive between 11pm and 12pm.</p> <p>(C) The train is expected to arrive between 11pm or 12pm.</p> <p>(D) The train is expecting to between by 11pm to 12pm.</p>	(B)

108	12-02-2021	819	<p>Choose the correct alternative which can be substituted for the below given sentence:</p> <p>Funny how you can get a <u>bee in your bonnet</u> about the most unlikely matters.</p> <p>(A) go wild</p> <p>(B) stay up</p> <p>(C) obsessed with an idea</p> <p>(D) speak succinctly</p>	(C)
108	12-02-2021	820	<p>Choose the correct alternative which can be substituted for the below given clause :-</p> <p>'Release someone from a duty or obligation'</p> <p>(A) Expert</p> <p>(B) Exonerate</p> <p>(C) Extempore</p> <p>(D) Intellectual</p>	(B)
108	12-02-2021	821	<p>Walking at 4 Km/hr a man reaches his office 5 minutes late. If he walks at 5 Km/hr he will be 2 1/2 minutes early. The distance of his office from his house is</p> <p>(A) 2.5 km</p> <p>(B) 2 km</p> <p>(C) 3 km</p> <p>(D) 1.5 km</p>	(A)
108	12-02-2021	822	<p>12 men or 15 women can finish a work in 21 days. In how many days can the same work be finished by 6 men and 10 women?</p> <p>(A) 18</p> <p>(B) 20</p> <p>(C) 22</p> <p>(D) 24</p>	(A)

108	12-02-2021	823	<p>The difference between the ages of two persons is 10 years. Fifteen years ago, the elder one was twice as old as the younger one. The present age of the elder person is:</p> <p>(A) 30 (B) 35 (C) 50 (D) 40</p>	(B)
108	12-02-2021	824	<p>A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is :</p> <p>(A) 8.5 km/hr (B) 10 km/hr (C) 9 km/hr (D) 21 km/hr</p>	(B)
108	12-02-2021	825	<p>Simran started a software business by investing Rs. 50,000. After six months, Nanda joined her with a capital of Rs. 80,000. After 3 years, they earned a profit of Rs. 24,500. What was Simran's share in the profit?</p> <p>(A) Rs. 10,250 (B) Rs. 12,500 (C) Rs. 14,000 (D) None of the options</p>	(D)
108	12-02-2021	826	<p>In a class, $\frac{3}{5}$ of the students are girls and rest are boys. If $\frac{2}{9}$ of the girls and $\frac{1}{4}$ of the boys are absent. What part of the total number of students are present?</p> <p>(A) $\frac{23}{30}$ (B) $\frac{23}{36}$ (C) $\frac{18}{49}$</p>	(A)

			(D) 17/25	
108	12-02-2021	827	<p>If the length and breadth of a rectangular plot be increased by 50% and 20% respectively, then how many times will its area be increased?</p> <p>(A) $1/2$</p> <p>(B) $2/3$</p> <p>(C) $17/2$</p> <p>(D) None of the options</p>	(D)
108	12-02-2021	828	<p>498 is 17 % less than a number then the number is:</p> <p>(A) 600</p> <p>(B) 610</p> <p>(C) 620</p> <p>(D) 580</p>	(A)
108	12-02-2021	829	<p>A batsman has a certain average of runs for 16 innings. In the 17th innings, he makes a score of 85 runs, thereby increasing the average by 3, what is the average before the 17th innings?</p> <p>(A) 30</p> <p>(B) 32</p> <p>(C) 35</p> <p>(D) 34</p>	(D)
108	12-02-2021	830	<p>Three years ago, the average age of Nandu and Panna was 18 years. With Shubha joining them now their average age became 22 years. How old is Shubha now?</p> <p>(A) 27</p> <p>(B) 24</p> <p>(C) 28</p> <p>(D) 25</p>	(B)

108	12-02-2021	831	<p>Which casting process has no size and shape limits?</p> <p>(A) Sand casting</p> <p>(B) Shell-mould casting</p> <p>(C) Plaster-mould casting</p> <p>(D) None of the options</p>	(A)
108	12-02-2021	832	<p>Extrusion is similar to</p> <p>(A) Rolling</p> <p>(B) Forming</p> <p>(C) Welding</p> <p>(D) Casting</p>	(A)
108	12-02-2021	833	<p>Which gas is used as a protection in carbon arc welding?</p> <p>(A) Carbon dioxide</p> <p>(B) Carbon monoxide</p> <p>(C) Carbon tetra fluoride</p> <p>(D) Methane</p>	(B)
108	12-02-2021	834	<p>Which among the following methods is best suited for stainless steels?</p> <p>(A) Electric butt welding</p> <p>(B) Seam welding</p> <p>(C) Flux coated arc welding</p> <p>(D) Oxy-hydrogen welding</p>	(A)
108	12-02-2021	835	<p>The air-fuel ratio of the petrol engine is controlled by</p> <p>(A) fuel pump</p> <p>(B) governor</p> <p>(C) injector</p>	(D)

			(D) carburettor	
108	12-02-2021	836	<p>In Annealing, cooling is done in which of the following medium?</p> <p>(A) Air</p> <p>(B) Water</p> <p>(C) Oil</p> <p>(D) Furnace</p>	(D)
108	12-02-2021	837	<p>Pressure in condenser is</p> <p>(A) More than atmospheric pressure</p> <p>(B) Less than atmospheric pressure</p> <p>(C) Equal to atmospheric pressure</p> <p>(D) None of the options</p>	(B)
108	12-02-2021	838	<p>Deformation per unit length in the direction of force is known as</p> <p>(A) strain</p> <p>(B) lateral strain</p> <p>(C) linear strain</p> <p>(D) unit strain</p>	(C)
108	12-02-2021	839	<p>Which of the following stresses can be determined using Mohr's circle method?</p> <p>(A) Torsional stress</p> <p>(B) Bending stress</p> <p>(C) Principal stress</p> <p>(D) All of the options</p>	(C)
108	12-02-2021	840	<p>The following is not a classification of maintenance</p> <p>(A) corrective maintenance</p>	(B)

			<p>(B) timely maintenance</p> <p>(C) scheduled maintenance</p> <p>(D) preventive maintenance</p>	
108	12-02-2021	841	<p>Number of breakdowns / Available machine hours =</p> <p>(A) maintenance effectiveness</p> <p>(B) frequency of breakdown</p> <p>(C) effectiveness of maintenance planning</p> <p>(D) maintenance time</p>	(B)
108	12-02-2021	842	<p>Which of the following errors are also known as cumulative errors?</p> <p>(A) Random errors</p> <p>(B) Systematic errors</p> <p>(C) Gross errors</p> <p>(D) System interaction errors</p>	(B)
108	12-02-2021	843	<p>The reliability of an instrument means</p> <p>(A) The life of the instrument</p> <p>(B) The degree of repeatability within specified limits</p> <p>(C) The time interval between two responses of the instrument</p> <p>(D) The pressure within the instrument</p>	(B)
108	12-02-2021	844	<p>The two types of pulleys in a hydraulic lift are _____ and _____</p> <p>(A) fixed, fixed</p> <p>(B) movable, fixed</p> <p>(C) movable, movable</p> <p>(D) semi-movable, movable</p>	(B)

108	12-02-2021	845	Working period is defined as the ratio of the height of lift to the _____ (A) acceleration of the lift (B) pressure of the lift (C) velocity of the lift (D) displacement of the lift	(C)
108	12-02-2021	846	_____ restricts the crane from tipping (A) Gear (B) Indicator (C) Counterweights (D) Boom	(C)
108	12-02-2021	847	What is the function of the GUI (Graphical User Interface)? (A) to control motion and speed (B) to convert program into the action of the driver (C) to record the data from the sensor (D) to understand the position of the tool according to the input program	(D)
108	12-02-2021	848	The knock in diesel engine occurs due to (A) instantaneous and rapid burning of the first part of the charge (B) instantaneous auto ignition of last part of charge (C) delayed burning of the first part of the charge (D) reduction of delay period	(C)
108	12-02-2021	849	Which of the following belt conveyors have low volume carrying capacity? (A) Flat belts (B) Troughed belts	(A)

			<p>(C) Converging belts</p> <p>(D) None of the options</p>	
108	12-02-2021	850	<p>The output of a gas turbine is 300KW and its efficiency is 20%. The heat supplied in is ?</p> <p>(A) 60KW</p> <p>(B) 15KW</p> <p>(C) 6000KW</p> <p>(D) 1500KW</p>	(D)
108	12-02-2021	851	<p>Rotary compressors are suitable for</p> <p>(A) High discharge at high pressure</p> <p>(B) Low discharge at high pressure</p> <p>(C) High discharge at low pressure</p> <p>(D) Low discharge at low pressure</p>	(C)
108	12-02-2021	852	<p>When trying to turn a key in to a lock , following is applied</p> <p>(A) Coplanar force</p> <p>(B) Non - coplanar force</p> <p>(C) Moment</p> <p>(D) Couple</p>	(D)
108	12-02-2021	853	<p>Material having same elastic properties in all direction is called</p> <p>(A) Isentropic material</p> <p>(B) Uniform material</p> <p>(C) Elastic material</p> <p>(D) Isotropic material</p>	(D)
108	12-02-2021	854	<p>A single cylinder two stroke engine rotates at 3000 rpm. The number of power stroke per minute is</p>	(B)

			<p>(A) 1500</p> <p>(B) 3000</p> <p>(C) 6000</p> <p>(D) 300</p>	
108	12-02-2021	855	<p>The Break Even point represents</p> <p>(A) The time when unit can run without any loss and profit</p> <p>(B) The most economical level of operation of an industry</p> <p>(C) Time when industry will under go loss</p> <p>(D) Time when company can make maximum profit</p>	(A)
108	12-02-2021	856	<p>Hardest crystalline structure of steel is</p> <p>(A) Austenite</p> <p>(B) Pearlite</p> <p>(C) Martensite</p> <p>(D) Ferrite</p>	(C)
108	12-02-2021	857	<p>A-B-C analysis</p> <p>(A) Is a basic technique of material management</p> <p>(B) Is meant for relative inventory control</p> <p>(C) Does not depend up on unit cost of item but on its annual consumption</p> <p>(D) All of the options</p>	(D)
108	12-02-2021	858	<p>Which instrument is an angular measuring instrument</p> <p>(A) Micrometer</p> <p>(B) Dial Gauge</p> <p>(C) Sine bar</p>	(C)

			(D) Slip gauge	
108	12-02-2021	859	In welding straight polarity means (A) Electrode positive (B) Electrode negative (C) Work piece negative (D) Alternate current	(B)
108	12-02-2021	860	3G welding in plate corresponds to which position (A) Flat (B) Horizontal (C) Vertical (D) Over head	(C)
108	12-02-2021	861	Electrode E71T-1C related to which welding process (A) SMAW (B) FCAW (C) SAW (D) GTAW	(B)
108	12-02-2021	862	Internal thread cutting of drilled hole is known as (A) Forming (B) Tapping (C) Reaming (D) Lapping	(B)
108	12-02-2021	863	Cutting action of a grinding wheel is improved by a process called (A) Facing (B) Cleaning	(D)

			(C) Turning (D) Dressing	
108	12-02-2021	864	A casting defect which occurs due to improper venting of sand is known as (A) Cold shut (B) Shift (C) Swell (D) Blow holes	(D)
108	12-02-2021	865	Tailstock set over method of taper turning is preferred for (A) Internal taper (B) small taper (C) Long slender taper (D) Step taper	(C)
108	12-02-2021	866	In welding, Electrode E7018 is weldable in (A) only flat position (B) only horizontal position (C) only horizontal and vertical positions (D) all positions	(D)
108	12-02-2021	867	With increase of pressure, the latent heat of steam (A) remains the same (B) increases (C) decreases (D) behave unpredictably	(C)
108	12-02-2021	868	Why is AC arc usually used for welding aluminium? (A) Gives more heat	(B)

			<p>(B) Removes the aluminium oxide layer</p> <p>(C) Uses low current than DC</p> <p>(D) Gives more penetration</p>	
108	12-02-2021	869	<p>Which of the following is true about change of groove angle ?</p> <p>(A) Depends on the F-Number of the electrode changed and the F-Number of the electrode as per the WPS</p> <p>(B) Depends on the base-metal for which electrode is used as per WPS</p> <p>(C) Re-qualification of WPS</p> <p>(D) Re-qualification of WPS is not needed</p>	(D)
108	12-02-2021	870	<p>High weld deposition results in</p> <p>(A) Increased heat input</p> <p>(B) Increased spatters</p> <p>(C) Increased distortion</p> <p>(D) All of the options</p>	(D)
108	12-02-2021	871	<p>The net result of pressure-velocity compounding of steam turbine is</p> <p>(A) Less number of stages</p> <p>(B) Large turbine for a given pressure drop</p> <p>(C) Shorter turbine for a given pressure drop</p> <p>(D) Lower friction loss</p>	(C)
108	12-02-2021	872	<p>Which one of the following correctly explains process capability?</p> <p>(A) Maximum capacity of the machine</p> <p>(B) Mean value of the measured variable</p> <p>(C) Lead time of the process</p>	(D)

			(D) Maximum deviation of the measured variables of the components	
108	12-02-2021	873	<p>The ease with which observations can be made accurately is referred to as</p> <p>(A) readability</p> <p>(B) sensitivity</p> <p>(C) accuracy</p> <p>(D) precision</p>	(A)
108	12-02-2021	874	<p>Basic constituents of Monel metal are</p> <p>(A) nickel, copper</p> <p>(B) nickel, molybdenum</p> <p>(C) zinc, tin, lead</p> <p>(D) nickel, lead, tin</p>	(A)
108	12-02-2021	875	<p>Reaming is the operation of</p> <p>(A) enlarging the end of a hole cylindrically</p> <p>(B) cone shaped enlargement of the end of a hole</p> <p>(C) smoothing and squaring the surface around a hole</p> <p>(D) sizing and finishing a hole</p>	(D)
108	12-02-2021	876	<p>The angle between normal stress and tangential stress is known as angle of _____</p> <p>(A) declination</p> <p>(B) orientation</p> <p>(C) obliquity</p> <p>(D) rotation</p>	(C)
108	12-02-2021	877	<p>Reciprocating pump is suitable for ...</p> <p>(A) High pressure</p>	(A)

			<p>(B) Medium pressure</p> <p>(C) Low pressure</p> <p>(D) None of the options</p>	
108	12-02-2021	878	<p>The ability of the material to deform without breaking is called</p> <p>(A) Elasticity</p> <p>(B) Plasticity</p> <p>(C) Creep</p> <p>(D) None of the options</p>	(B)
108	12-02-2021	879	<p>In which of the following forging process no flash is formed?</p> <p>(A) Open die</p> <p>(B) Closed die</p> <p>(C) Impression dies</p> <p>(D) Hold dies</p>	(B)
108	12-02-2021	880	<p>In which type of extrusion, the billet is smaller in diameter than the chamber?</p> <p>(A) forward</p> <p>(B) indirect</p> <p>(C) hydrostatic</p> <p>(D) impact</p>	(C)