

Subject Code : 106 ▼

Subject Code	Exam Date	Q Id	Questions	Answer Key
106	19-10-2019	501	Who is the current Chairman of ISRO? (A) Satish Dhawan (B) G. Madhavan Nair (C) K. Sivan (D) Prof. U R Rao	(C)
106	19-10-2019	502	The film personality who has been awarded the DadaSaheb Phalke award for 2019 is (A) Kamal Haasan (B) Rajesh Khanna (C) Satyajith Ray (D) Amitabh Bachchan	(D)
106	19-10-2019	503	The study of ancient societies is called (A) Archaeology (B) Ethnology (C) Anthropology (D) History	(A)
106	19-10-2019	504	Which among following countries is without income tax ? (A) Nepal (B) Kuwait (C) Burma (D) Singapore	(B)
106	19-10-2019	505	Which article in Indian constitution had given special status for the state of Jammu and Kashmir in terms of autonomy and its ability to formulate laws for the state's permanent residents?	(B)

			<p>(A) article 344</p> <p>(B) article 370</p> <p>(C) article 345</p> <p>(D) article 369</p>	
106	19-10-2019	506	<p>What is the tag-line of 'Swachh Bharat Abhiyan'?</p> <p>(A) Sabka Kadam Swachhata Ki Aur</p> <p>(B) Har ek kadam Swachhata Ki Aur</p> <p>(C) Ek Kadam Swachhata Ki Aur</p> <p>(D) None of the options</p>	(C)
106	19-10-2019	507	<p>What is the full form of "RADAR"</p> <p>(A) Radio Device and Ranging</p> <p>(B) Region Device and Ranging</p> <p>(C) Radio Detection and Ranging</p> <p>(D) Radiation Detecting and Recording</p>	(C)
106	19-10-2019	508	<p>India's 1st e- waste clinic shall be set up in</p> <p>(A) Noida</p> <p>(B) Pune</p> <p>(C) Bhopal</p> <p>(D) Gurugram</p>	(C)
106	19-10-2019	509	<p>Who won the Global Goal Keeper award 2019, an award by Bill and Melinda Gates Foundation?</p> <p>(A) Donald Trump</p> <p>(B) Narendra Modi</p> <p>(C) Angela Merkel</p> <p>(D) Vladimir Putin</p>	(B)
106	19-10-2019	510	<p>Which of the following chemicals is useful in</p>	(B)

			<p>photography?</p> <p>(A) Aluminium hydroxide</p> <p>(B) Silver bromide</p> <p>(C) Potassium nitrate</p> <p>(D) Sodium chloride</p>	
106	19-10-2019	511	<p>Arrange in proper sequence to form a meaningful sentence</p> <p>I have enclosed [P]: and the postage [Q]: a postal order [R]: the price of books [S] which will cover</p> <p>(A) RPSQ</p> <p>(B) QSRP</p> <p>(C) QSPR</p> <p>(D) QPSR</p>	(B)
106	19-10-2019	512	<p>Choose the antonym of the word "AHEAD"</p> <p>(A) Beneath</p> <p>(B) Behind</p> <p>(C) Against</p> <p>(D) Backward</p>	(B)
106	19-10-2019	513	<p>Find out whether there is any Grammatical error in below sentence. If yes, that part of the sentence shall be indicated as the answer among the given options:</p> <p>I could not put up in the hotel / because the boarding and lodging charges / were exorbitant</p> <p>(A) I could not put up in the hotel</p> <p>(B) because the boarding and lodging charges</p> <p>(C) were exorbitant</p> <p>(D) No error</p>	(A)

106	19-10-2019	514	<p>Fill up with the correct preposition:</p> <p>The boy was cured typhoid</p> <p>(A) from</p> <p>(B) of</p> <p>(C) for</p> <p>(D) through</p>	(B)
106	19-10-2019	515	<p>Choose the correct indirect speech of the following</p> <p>'Reduce speed now' -, said notice</p> <p>(A) A notice said to reduce speed</p> <p>(B) A notice asked the motorists to reduce speed at once</p> <p>(C) A notice warned the motorists against speed then</p> <p>(D) A notice ordered reducing speed</p>	(B)
106	19-10-2019	516	<p>What is the correct meaning of the underlined phrase in the following sentence:</p> <p>I met him after a long time, but he gave me <u>the cold shoulder.</u></p> <p>(A) scolded me</p> <p>(B) insulted me</p> <p>(C) abused me</p> <p>(D) ignored me</p>	(D)
106	19-10-2019	517	<p>Synonym of Flabbergasted</p> <p>(A) intense surprise</p> <p>(B) bored</p> <p>(C) impassive</p> <p>(D) unimpressed</p>	(A)
106	19-10-2019	518	<p>Select the correct sentence</p> <p>(A) He put out his coat</p>	(D)

			<p>(B) He put in his coat</p> <p>(C) He put at his coat</p> <p>(D) He put on his coat</p>	
106	19-10-2019	519	<p>Choose the option that completed the sentence most meaningfully and appropriately:</p> <p>The e-commerce market has grown exponentially and evolved as a leading source of the much needed foreign _____ required by our country.</p> <p>(A) institution</p> <p>(B) affair</p> <p>(C) investment</p> <p>(D) tourist</p>	(C)
106	19-10-2019	520	<p>Choose the correct alternative which can be substituted for the below given word/sentence:</p> <p>'The person who knows everything'</p> <p>(A) Omnipresent</p> <p>(B) Omnipotent</p> <p>(C) Omniscient</p> <p>(D) Oblivious</p>	(C)
106	19-10-2019	521	<p>PxQ means P is the sister of Q P+Q means P is the father of Q P-Q means P is the mother of Q If SxM+T, then what is S to T</p> <p>(A) uncle</p> <p>(B) aunt</p> <p>(C) nephew</p> <p>(D) sister</p>	(B)
106	19-10-2019	522	<p>In a queue, Ramesh is 13th from one end and 19th from the other end, then how many boys are there in the queue?</p>	(C)

			(A) 29 (B) 30 (C) 31 (D) 32	
106	19-10-2019	523	If every second Saturday and all Sundays are holidays in a 30 days month beginning on Saturday, then how many working days are there in that month? (A) 15 (B) 18 (C) 23 (D) 25	(C)
106	19-10-2019	524	A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all? (A) 14 (B) 17 (C) 16 (D) 24	(A)
106	19-10-2019	525	If alphabet series is given in backward or reverse order, then find out the eighth letter to the right of O? (A) G (B) H (C) U (D) X	(A)
106	19-10-2019	526	Find the missing number in the series 5, 25, 7, _____, 9, 19 (A) 23 (B) 25	(C)

			(C) 22 (D) 32	
106	19-10-2019	527	In a certain code, SOBER is written as RNADQ. How LOTUS can be written in that code? (A) KNSTR (B) MPUWT (C) KMSTR (D) LMRST	(A)
106	19-10-2019	528	Namita walks 14 metres towards west, then turns to her right and walks 14 metres and then turns to her left and walks 10 metres. Again turning to her left she walks 14 metres. What is the shortest distance between her starting point and the present position? (A) 10 (B) 24 (C) 28 (D) 38	(B)
106	19-10-2019	529	Window is to pane as book is to (A) Novel (B) Glass (C) Cover (D) Page	(D)
106	19-10-2019	530	Fill in the series: SCD, TEF, UGH, _____, WKL (A) CMN (B) UJI (C) VIJ (D) IJT	(C)

106	19-10-2019	531	<p>A towel, when bleached, lost 20% of its length and 10% of its breadth. What is the percentage decrease in area?</p> <p>(A) 30%</p> <p>(B) 28%</p> <p>(C) 32%</p> <p>(D) 26%</p>	(B)
106	19-10-2019	532	<p>Walking at the rate of 4 kmph a man cover certain distance in 2 hr 45 min. Running at a speed of 16.5 kmph the man will cover the same distance in</p> <p>(A) 12 Min</p> <p>(B) 25 Min</p> <p>(C) 40 Min</p> <p>(D) 60 Min</p>	(C)
106	19-10-2019	533	<p>In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was</p> <p>(A) 2500</p> <p>(B) 2700</p> <p>(C) 2900</p> <p>(D) 3100</p>	(B)
106	19-10-2019	534	<p>15 members can complete a work in 12 days. How many more members are needed to complete this work in 9 days?</p> <p>(A) 18</p> <p>(B) 3</p> <p>(C) 5</p> <p>(D) 20</p>	(C)
106	19-10-2019	535	<p>What principle will amount to INR 570 at 4% per annum simple interest in 3.5 years?</p>	(C)

			(A) 450 (B) 475 (C) 500 (D) 320	
106	19-10-2019	536	Which of the following number should be added to the number 11158 to make it exactly divisible by 77? (A) 9 (B) 8 (C) 6 (D) 7	(D)
106	19-10-2019	537	The breadth of a rectangular plot is one third of its length. If the perimeter of the plot is 240 metres, what is the length of the plot? (A) 80 (B) 240 (C) 160 (D) 90	(D)
106	19-10-2019	538	Two numbers are in the ratio 2 : 3. If their L.C.M. is 48. what is sum of the numbers? (A) 28 (B) 40 (C) 64 (D) 42	(B)
106	19-10-2019	539	In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs? (A) 6.25 (B) 5.5 (C) 7.4	(A)

			(D) 5	
106	19-10-2019	540	<p>Ramesh's age after 15 years will be 5 times his age 5 years back. What is the current age of Ramesh?</p> <p>(A) 15</p> <p>(B) 14</p> <p>(C) 10</p> <p>(D) 7</p>	(C)
106	19-10-2019	541	<p>Which of the following is not a component of reciprocating IC engine?</p> <p>(A) piston</p> <p>(B) cylinder</p> <p>(C) crank shaft</p> <p>(D) stuffing box</p>	(D)
106	19-10-2019	542	<p>Diesel engines have compression ratio usually between</p> <p>(A) 6 to 10</p> <p>(B) 10 to 13</p> <p>(C) 15 to 20</p> <p>(D) 19 to 24</p>	(C)
106	19-10-2019	543	<p>The clutch is located between the gear box and the</p> <p>(A) Engine</p> <p>(B) Rear axle</p> <p>(C) Propeller shaft</p> <p>(D) Differential</p>	(A)
106	19-10-2019	544	<p>The phenomenon of weld decay occurs in</p> <p>(A) Cast iron</p> <p>(B) Brass</p>	(D)

			(C) Bronze (D) Stainless steel	
106	19-10-2019	545	The ability of a material to absorb energy in the plastic range is called (A) Resilience (B) Creep (C) Fatigue strength (D) Toughness	(A)
106	19-10-2019	546	The casting produced by forcing molten metal under pressure into permanent is known as (A) Permanent mould casting (B) Slush casting (C) Die casting (D) Centrifugal casting	(C)
106	19-10-2019	547	All of the following are intensive properties of a system, except (A) Viscosity (B) Temperature (C) Potential energy (D) Density	(C)
106	19-10-2019	548	What is the air standard cycle for a Gas-Turbine called? (A) Reheat cycle (B) Rankine cycle (C) Brayton cycle (D) Diesel cycle	(C)
106	19-10-2019	549	At 100% RH, wet bulb temperature is (A) more than dry bulb temperature	(D)

			<p>(B) less than dry bulb temperature</p> <p>(C) zero</p> <p>(D) same as dry bulb temperature</p>	
106	19-10-2019	550	<p>Psychrometry refers to</p> <p>(A) Properties of liquid refrigerant</p> <p>(B) Properties of water</p> <p>(C) Properties of moist air</p> <p>(D) Properties of hot water</p>	(C)
106	19-10-2019	551	<p>When a rectangular cantilever beam is loaded transversely the maximum tensile stress is developed on the</p> <p>(A) top layer</p> <p>(B) bottom layer</p> <p>(C) neutral axis</p> <p>(D) every cross-section</p>	(A)
106	19-10-2019	552	<p>When a shaft is subjected to a twisting moment, every cross-section of the shaft will be under</p> <p>(A) tensile stress</p> <p>(B) compressive stress</p> <p>(C) shear stress</p> <p>(D) bending stress</p>	(C)
106	19-10-2019	553	<p>In Electrolux refrigerator</p> <p>(A) ammonia is absorbed in hydrogen</p> <p>(B) ammonia is absorbed in water</p> <p>(C) ammonia evaporates in hydrogen</p> <p>(D) hydrogen evaporates in ammonia</p>	(C)
106	19-10-2019	554	<p>The hot working of metals is carried out</p> <p>(A) at the recrystallisation temperature</p>	(C)

			<p>(B) below recrystallisation temperature</p> <p>(C) above recrystallisation temperature</p> <p>(D) all of the options</p>	
106	19-10-2019	555	<p>The recrystallisation temperature of steel is</p> <p>(A) 400° C</p> <p>(B) 600° C</p> <p>(C) 800° C</p> <p>(D) None of the options</p>	(C)
106	19-10-2019	556	<p>Cast iron and steel pipes are produced by</p> <p>(A) slush casting</p> <p>(B) investment casting</p> <p>(C) true centrifugal casting</p> <p>(D) die casting</p>	(C)
106	19-10-2019	557	<p>Oxy -acetylene gas used in gas welding produce a flame temperature of</p> <p>(A) 1800°C</p> <p>(B) 2100°C</p> <p>(C) 2400°C</p> <p>(D) 3200°C</p>	(D)
106	19-10-2019	558	<p>In submerged arc welding, an arc is produced between a</p> <p>(A) carbon electrode and the work</p> <p>(B) metal electrode and the work</p> <p>(C) bare metal electrode and the work</p> <p>(D) two tungsten electrodes and the work</p>	(C)
106	19-10-2019	559	<p>During painting, high humid and extreme hot conditions cause</p> <p>(A) Cracking</p>	(D)

			<p>(B) Sagging & runs</p> <p>(C) Surface discolouration</p> <p>(D) Wrinkling</p>	
106	19-10-2019	560	<p>A fixture is defined as a device which</p> <p>(A) holds and locates a workpiece and guides and controls one or more cutting tools</p> <p>(B) holds and locates a workpiece during an inspection or for a manufacturing operation</p> <p>(C) is used to check the accuracy of work piece</p> <p>(D) all of the options</p>	(B)
106	19-10-2019	561	<p>The process of removing metal by pushing or pulling a cutting tool is called</p> <p>(A) up milling</p> <p>(B) down milling</p> <p>(C) forming</p> <p>(D) broaching</p>	(D)
106	19-10-2019	562	<p>ISO 14001 standard relates to</p> <p>(A) Quality management</p> <p>(B) Environment management</p> <p>(C) Health and safety management</p> <p>(D) all of the options</p>	(B)
106	19-10-2019	563	<p>Surface roughness on a drawing is represented by</p> <p>(A) circles</p> <p>(B) triangles</p> <p>(C) squares</p> <p>(D) rectangles</p>	(B)
106	19-10-2019	564	<p>TIG Welding is best suited for welding</p>	(D)

			<p>(A) mild steel</p> <p>(B) stainless steel</p> <p>(C) carbon steel</p> <p>(D) aluminium</p>	
106	19-10-2019	565	<p>Which of the following is the lightest and most volatile liquid fuel?</p> <p>(A) diesel</p> <p>(B) kerosene</p> <p>(C) fuel oil</p> <p>(D) gasoline</p>	(D)
106	19-10-2019	566	<p>If petrol is used in a diesel engine, then</p> <p>(A) higher knocking will occur</p> <p>(B) efficiency will be low</p> <p>(C) low power will be produced</p> <p>(D) black smoke will be produced</p>	(A)
106	19-10-2019	567	<p>Which of the following is non-destructive test?</p> <p>(A) tensile test</p> <p>(B) impact test</p> <p>(C) charpy test</p> <p>(D) radiography test</p>	(D)
106	19-10-2019	568	<p>In inventory control, the economic order quantity is the</p> <p>(A) optimum lot size</p> <p>(B) highest level of inventory</p> <p>(C) lot corresponding to break-even point</p> <p>(D) capability of a plant to produce</p>	(A)
106	19-10-2019	569	<p>Which heat treatment is characterized by</p>	(C)

			<p>holding the part at the austenitizing temperature for some time and then slow cooling in the furnace?</p> <p>(A) Normalizing</p> <p>(B) Quenching</p> <p>(C) Annealing</p> <p>(D) Stress relief</p>	
106	19-10-2019	570	<p>Compression ratio of I.C. engine is</p> <p>(A) The ratio of volumes of air in cylinder before compression stroke and after compression</p> <p>(B) Volume displaced by piston per stroke and clearance volume in cylinder</p> <p>(C) Ratio of pressure after compression and before compression</p> <p>(D) Ratio of air and fuel</p>	(A)
106	19-10-2019	571	<p>Centrifugal pumps transport fluids by converting</p> <p>(A) Kinetic energy to hydrodynamic energy</p> <p>(B) Hydrodynamic energy to kinetic energy</p> <p>(C) Mechanical energy to kinetic energy</p> <p>(D) Mechanical energy to Hydrodynamic energy</p>	(A)
106	19-10-2019	572	<p>Single-V and single-U butt welds are used for sheets of thickness</p> <p>(A) upto 10mm</p> <p>(B) 5-15mm</p> <p>(C) 10-20mm</p> <p>(D) 15-25mm</p>	Question Withdrawn
106	19-10-2019	573	<p>'Buffer stock' is the level of stock</p> <p>(A) Half of the actual stock</p> <p>(B) At which the ordering process should start</p>	(C)

			<p>(C) Minimum stock level below which actual stock should not fall</p> <p>(D) Maximum stock in inventory</p>	
106	19-10-2019	574	<p>Which of the following refrigerant has the lowest boiling point?</p> <p>(A) carbon dioxide</p> <p>(B) Ammonia</p> <p>(C) Hydrogen</p> <p>(D) Freon 12</p>	(C)
106	19-10-2019	575	<p>Young's modulus is defined as the ratio of</p> <p>(A) Volumetric stress and volumetric strain</p> <p>(B) Lateral stress and lateral strain</p> <p>(C) Longitudinal stress and longitudinal strain</p> <p>(D) Shear stress to shear strain</p>	(C)
106	19-10-2019	576	<p>Electrodes used in spot welding are made up of which material?</p> <p>(A) Only Copper</p> <p>(B) Copper and tungsten</p> <p>(C) Copper and chromium</p> <p>(D) Copper and aluminium</p>	Question Withdrawn
106	19-10-2019	577	<p>Which of the following pumps is used to pump highly viscous fluid?</p> <p>(A) centrifugal pump</p> <p>(B) reciprocating pump</p> <p>(C) gear pump</p> <p>(D) jet pump</p>	(C)
106	19-10-2019	578	<p>Brass is an alloy of</p> <p>(A) Copper and zinc</p>	(A)

			<p>(B) Copper and tin</p> <p>(C) Copper , tin and zinc</p> <p>(D) None of the options</p>	
106	19-10-2019	579	<p>The following welding process uses consumable electrodes:</p> <p>(A) TIG</p> <p>(B) MIG</p> <p>(C) Thermit</p> <p>(D) Gas</p>	(B)
106	19-10-2019	580	<p>The neutral axis of a beam is subjected to..... stress</p> <p>(A) zero</p> <p>(B) maximum tensile</p> <p>(C) minimum tensile</p> <p>(D) maximum compressive</p>	(A)
106	19-10-2019	581	<p>Structural sections such as rails, angles, I-Beams are made by</p> <p>(A) hot rolling</p> <p>(B) hot drawing</p> <p>(C) hot piercing</p> <p>(D) hot extrusion</p>	(A)
106	19-10-2019	582	<p>Brass and bronze are welded by</p> <p>(A) None of the options</p> <p>(B) oxidising</p> <p>(C) carburising</p> <p>(D) either oxidising or carburising</p>	(B)
106	19-10-2019	583	<p>Gantt chart is used for</p> <p>(A) inventory control</p>	(C)

			<p>(B) material handling</p> <p>(C) production schedule</p> <p>(D) machine utilisation</p>	
106	19-10-2019	584	<p>The thorough cleaning of work place is called</p> <p>(A) seiri</p> <p>(B) seiton</p> <p>(C) seiso</p> <p>(D) shitsuke</p>	(C)
106	19-10-2019	585	<p>Which of the following materials has more shrinkage allowance?</p> <p>(A) cast iron</p> <p>(B) brass</p> <p>(C) lead</p> <p>(D) Aluminium alloy</p>	(C)
106	19-10-2019	586	<p>Seam Welding is</p> <p>(A) arc welding</p> <p>(B) multi spot welding</p> <p>(C) continuous spot welding</p> <p>(D) gas welding</p>	(C)
106	19-10-2019	587	<p>Dew point is</p> <p>(A) the temperature at which condensation of steam in saturated air will start</p> <p>(B) the lowest attainable temperature for a mixture of air and steam</p> <p>(C) dependent on pressure of air</p> <p>(D) used in connection with air conditioning</p>	(A)
106	19-10-2019	588	<p>In a simple bending of beams, the stress in the beam varies</p> <p>(A) linearly</p>	(A)

			<p>(B) parabolically</p> <p>(C) hyperbolically</p> <p>(D) elliptically</p>	
106	19-10-2019	589	<p>Mild steel can be converted into high carbon steel by using which of the following processes?</p> <p>(A) Annealing</p> <p>(B) Normalizing</p> <p>(C) Case hardening</p> <p>(D) Ausforming</p>	(C)
106	19-10-2019	590	<p>Freon group of refrigerants are</p> <p>(A) Inflammable</p> <p>(B) Toxic</p> <p>(C) Non-inflammable and toxic</p> <p>(D) Nontoxic and non-inflammable</p>	(D)
106	19-10-2019	591	<p>The mass flow rate of air compressed in axial flow compressor is _____ centrifugal compressor</p> <p>(A) lower than</p> <p>(B) higher than</p> <p>(C) same as</p> <p>(D) unpredictable</p>	(B)
106	19-10-2019	592	<p>The following is a type of scheduled maintenance:</p> <p>(A) Overhauling of machine</p> <p>(B) Cleaning of tank</p> <p>(C) Whitewashing of building</p> <p>(D) all of the options</p>	(D)
106	19-10-2019	593	<p>Which of the following is not a positive</p>	(D)

			<p>displacement pump?</p> <p>(A) Reciprocating pump</p> <p>(B) vane pump</p> <p>(C) screw pump</p> <p>(D) centrifugal pump</p>	
106	19-10-2019	594	<p>The accuracy of micrometers, calipers, dial indicators can be checked by a</p> <p>(A) feeler gauge</p> <p>(B) slip gauge</p> <p>(C) ring gauge</p> <p>(D) plug gauge</p>	(B)
106	19-10-2019	595	<p>Steels are primarily designated according to</p> <p>(A) iron content</p> <p>(B) carbon content</p> <p>(C) alloying elements</p> <p>(D) tensile strength</p>	(C)
106	19-10-2019	596	<p>Hooke's law holds good upto</p> <p>(A) yield point</p> <p>(B) limit of proportionality</p> <p>(C) breaking point</p> <p>(D) elastic limit</p>	(B)
106	19-10-2019	597	<p>For 4-stroke IC engine running at 2000rpm, its cam shaft is running at</p> <p>(A) 400 rpm</p> <p>(B) 2000 rpm</p> <p>(C) 1000 rpm</p> <p>(D) 500 rpm</p>	(C)
106	19-10-2019	598	<p>Loam sand is a mixture of</p>	(B)

			<p>(A) 30% sand and 70% clay</p> <p>(B) 50% sand and 50% clay</p> <p>(C) 70% sand and 30% clay</p> <p>(D) 90% sand and 10% clay</p>	
106	19-10-2019	599	<p>Aeroplanes employ type of compressor</p> <p>(A) radial flow</p> <p>(B) axial flow</p> <p>(C) centrifugal</p> <p>(D) None of the options</p>	(B)
106	19-10-2019	600	<p>To measure a very high resistance, we should use</p> <p>(A) Kelvin's double bridge</p> <p>(B) Wheat stone bridge</p> <p>(C) Megger</p> <p>(D) None of the options</p>	(C)