

Subject Code : 204

Subject Code	Exam Date	Q Id	Questions	Answer Key
204	12-01-2020	351	<p>The Konkan Railway connects which of the following cities?</p> <p>(A) Kanyakumari – Mangalore</p> <p>(B) Kanyakumari – Mumbai</p> <p>(C) Goa – Mangalore</p> <p>(D) Roha – Mangalore</p>	(D)
204	12-01-2020	352	<p>The word “Agricultural shot” is known to be used sometimes in which among the following sports?</p> <p>(A) Cricket</p> <p>(B) Hockey</p> <p>(C) Golf</p> <p>(D) Polo</p>	(A)
204	12-01-2020	353	<p>Which Indian organisation has organized FinTech Conclave 2019</p> <p>(A) SEBI</p> <p>(B) Ministry of Finance</p> <p>(C) NITI Aayog</p> <p>(D) RBI</p>	(C)
204	12-01-2020	354	<p>Which of the following units is usually used to denote the intensity of pollution?</p> <p>(A) Milligrams</p> <p>(B) Nanograms</p>	(C)

			<p>(C) Parts per million</p> <p>(D) Kilogram</p>	
204	12-01-2020	355	<p>Name the anti- satellite missile test run by India on 27 March 2019 ?</p> <p>(A) Mission shaurya</p> <p>(B) Mission Cobra</p> <p>(C) Mission Prithivi</p> <p>(D) Mission Shakti</p>	(D)
204	12-01-2020	356	<p>Pick out the correct meaning of the underlined part of the sentence:-</p> <p>A movement for the world unity is <u>in the offing</u>.</p> <p>(A) at the end</p> <p>(B) about to start</p> <p>(C) on decline</p> <p>(D) in the air</p>	(B)
204	12-01-2020	357	<p>One word for "Keep your eyes peeled"</p> <p>(A) To watch carefully</p> <p>(B) Searching someone</p> <p>(C) Looking forward</p> <p>(D) Running away</p>	(A)
204	12-01-2020	358	<p>Choose the right meaning - "Souvenir"</p> <p>(A) A thing that is kept as a reminder of an event</p> <p>(B) A thing given as a prize</p> <p>(C) A thing which is related to quiz</p>	(A)

			(D) A thing which is related to religious matters	
204	12-01-2020	359	<p>Fill up the blanks:</p> <p>I want to meet the artisthas painted this picture.</p> <p>(A) Which</p> <p>(B) That</p> <p>(C) Who</p> <p>(D) Whom</p>	(C)
204	12-01-2020	360	<p>She said, "If you work hard, you will take good marks." Change to indirect speech.</p> <p>(A) My teacher advised if I work hard I could take good marks.</p> <p>(B) My teacher advises if you work hard you will take good marks.</p> <p>(C) My teacher advises if I work hard I will take good marks.</p> <p>(D) My teacher advised that I worked hard I would take good marks.</p>	(C)
204	12-01-2020	361	<p>In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the garden is</p> <p>(A) 20M</p> <p>(B) 22M</p> <p>(C) 24M</p> <p>(D) 26M</p>	(C)
204	12-01-2020	362	<p>Look at this series: 22, 21, 23, 22, 24, 23, ...</p> <p>What number should come next?</p>	(C)

			<p>(A) 22</p> <p>(B) 24</p> <p>(C) 25</p> <p>(D) 26</p>	
204	12-01-2020	363	<p>A & B are brothers. C & D are sisters. A's son is D's brother. How is B related to C.</p> <p>(A) Brother</p> <p>(B) Uncle</p> <p>(C) Cousin</p> <p>(D) Father</p>	(B)
204	12-01-2020	364	<p>The day before yesterday was Saturday. What day will it be the day after tomorrow?</p> <p>(A) Tuesday</p> <p>(B) Wednesday</p> <p>(C) Thursday</p> <p>(D) Friday</p>	(B)
204	12-01-2020	365	<p>Vincent has a paper route. Each morning, he delivers 37 newspapers to customers in his neighborhood. It takes Vincent 50 minutes to deliver all the papers. If Vincent is sick or has other plans, his friend Thomas, who lives on the same street, will sometimes deliver the papers for him.</p> <p>(A) Vincent and Thomas live in the same neighborhood.</p> <p>(B) It takes Thomas more than 50 minutes to deliver the papers.</p> <p>(C) It is dark outside when Vincent begins his deliveries.</p>	(A)

			(D) Thomas would like to have his own paper route.	
204	12-01-2020	366	<p>A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is?</p> <p>(A) $\frac{1}{4}$</p> <p>(B) $\frac{1}{10}$</p> <p>(C) $\frac{7}{15}$</p> <p>(D) $\frac{8}{15}$</p>	(D)
204	12-01-2020	367	<p>A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?</p> <p>(A) 3.6</p> <p>(B) 7.2</p> <p>(C) 8.4</p> <p>(D) 10</p>	(B)
204	12-01-2020	368	<p>A train 150 m long is running at 60 kmph. In how much time will it pass a platform 250 m long?</p> <p>(A) 22 sec</p> <p>(B) 20 sec</p> <p>(C) 25 sec</p> <p>(D) 24 sec</p>	(D)
204	12-01-2020	369	<p>In an examination 80% candidates passed in English and 85% candidates passed in Mathematics. If 73% candidates passed in both these subjects, then what percent of candidates failed in both the subjects?</p> <p>(A) 15%</p>	(B)

			<p>(B) 8%</p> <p>(C) 27%</p> <p>(D) 35%</p>	
204	12-01-2020	370	<p>The average temperature for Wednesday, Thursday and Friday is 40 °C. The average for Thursday, Friday and Saturday is 41 °C. If temperature on Saturday was 42 °C, what was the temperature on Wednesday?</p> <p>(A) 44 °C</p> <p>(B) 41 °C</p> <p>(C) 38 °C</p> <p>(D) 39 °C</p>	(D)
204	12-01-2020	371	<p>The theoretically correct air fuel ratio for petrol engine is of the order of</p> <p>(A) 6:1</p> <p>(B) 9:1</p> <p>(C) 12:1</p> <p>(D) 15:1</p>	(D)
204	12-01-2020	372	<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)
204	12-01-2020	373	<p>The knocking in diesel engines may be prevented by</p>	(D)

			<p>(A) Reducing the delay period</p> <p>(B) Raising the compression ratio</p> <p>(C) Increasing the inlet pressure of air</p> <p>(D) All of the options</p>	
204	12-01-2020	374	<p>Which one among the following welding processes uses non-consumable electrodes?</p> <p>(A) Gas metal arc welding</p> <p>(B) Submerged arc welding</p> <p>(C) Gas tungsten arc welding</p> <p>(D) Flux coated arc welding</p>	(C)
204	12-01-2020	375	<p>The general gas equation is</p> <p>(A) $PV = RT$</p> <p>(B) $PV = mRT$</p> <p>(C) $PV = \text{constant}$</p> <p>(D) $PV^n = \text{constant}$</p>	(B)
204	12-01-2020	376	<p>In a vapour compression system, the lowest temperature during the cycle occurs after</p> <p>(A) Compression</p> <p>(B) Condensation</p> <p>(C) Expansion</p> <p>(D) Evaporation</p>	(D)
204	12-01-2020	377	<p>A receiver is fitted in refrigeration unit in order to</p> <p>(A) Allow for variation of load</p>	(A)

			<p>(B) Remove heat</p> <p>(C) Conserve heat</p> <p>(D) Form seal for compressor valves</p>	
204	12-01-2020	378	<p>In arc welding operations the current value is decided by ____</p> <p>(A) The thickness of plate</p> <p>(B) Length of welded portion</p> <p>(C) Voltage across the arc</p> <p>(D) Size of the electrode</p>	(D)
204	12-01-2020	379	<p>Gear tooth vernier is used to measure</p> <p>(A) Gear tooth profile</p> <p>(B) Gear tooth thickness</p> <p>(C) Pitch line thickness of gear tooth</p> <p>(D) Addendum and dedendum</p>	(C)
204	12-01-2020	380	<p>Acetelyne is stored in gas cylinder ____</p> <p>(A) In gaseous form</p> <p>(B) In liquid form</p> <p>(C) In solid form</p> <p>(D) Under high pressure</p>	(B)
204	12-01-2020	381	<p>At 100% relative humidity, the wet bulb temperature is</p> <p>(A) lower than the dew point temperature</p> <p>(B) higher than the dew point temperature</p> <p>(C) equal to the dew point temperature</p>	(C)

			(D) None of the options	
204	12-01-2020	382	<p>Angle between side cutting edge and end cutting edge in the top surface plane of tool.</p> <p>(A) Side rake angle</p> <p>(B) Side relief angle</p> <p>(C) Side cutting edge angle</p> <p>(D) Nose angle</p>	(D)
204	12-01-2020	383	<p>Large Reynold number is indication of</p> <p>(A) Smooth and streamline flow</p> <p>(B) Laminar flow</p> <p>(C) Steady flow</p> <p>(D) Highly turbulent flow</p>	(D)
204	12-01-2020	384	<p>Which of the following is not a type of positive displacement pump?</p> <p>(A) Reciprocating pump</p> <p>(B) Rotary displacement pump</p> <p>(C) Centrifugal pump</p> <p>(D) None of the options</p>	(C)
204	12-01-2020	385	<p>In which flame the ratio of oxygen is deficient?</p> <p>(A) Neutral flame</p> <p>(B) Oxidizing flame</p> <p>(C) Carburizing flame</p> <p>(D) None of the options</p>	(C)
204	12-01-2020	386	<p>The oxy acetylene gas welding is a type of?</p>	(B)

			<p>(A) Endothermic reaction</p> <p>(B) Exothermic reaction</p> <p>(C) Neutral reaction</p> <p>(D) All of the options</p>	
204	12-01-2020	387	<p>Process of enlarging the hole size and enhancing its surface finish is known as __</p> <p>(A) Drilling</p> <p>(B) Reaming</p> <p>(C) Boring</p> <p>(D) Counter boring</p>	(C)
204	12-01-2020	388	<p>Which cutting condition affects the cutting temperature predominantly?</p> <p>(A) depth of cut</p> <p>(B) cutting speed</p> <p>(C) feed</p> <p>(D) None of the options</p>	(B)
204	12-01-2020	389	<p>Change in enthalpy of a system is the heat supplied for __</p> <p>(A) Constant pressure</p> <p>(B) Constant temperature</p> <p>(C) Constant volume</p> <p>(D) Constant entropy</p>	(A)
204	12-01-2020	390	<p>The brake power of an engine is always ____ the indicated power</p> <p>(A) Equal to</p>	(B)

			<p>(B) Less than</p> <p>(C) Greater than</p> <p>(D) None of the options</p>	
204	12-01-2020	391	<p>The commonly used flux for brazing is</p> <p>(A) Resin</p> <p>(B) NH_4Cl</p> <p>(C) Borax</p> <p>(D) Soft iron</p>	(C)
204	12-01-2020	392	<p>The temperature range for soldering process is</p> <p>(A) 40°C to 100°C</p> <p>(B) 180°C to 250°C</p> <p>(C) 300°C to 500°C</p> <p>(D) 600°C to 900°C</p>	(B)
204	12-01-2020	393	<p>Copper and Aluminium can be joined by brazing when _____ alloy is used.</p> <p>(A) Copper-zinc</p> <p>(B) Aluminium-silicon</p> <p>(C) Copper-tellurium</p> <p>(D) Aluminium-zinc</p>	(B)
204	12-01-2020	394	<p>Which type of gas is carbon dioxide?</p> <p>(A) active</p> <p>(B) passive</p> <p>(C) inert</p>	(A)

			(D) neutral	
204	12-01-2020	395	<p>Which is the power stroke in an IC engine?</p> <p>(A) suction</p> <p>(B) compression</p> <p>(C) expansion</p> <p>(D) exhaust</p>	(C)
204	12-01-2020	396	<p>Sacrificial anode is used for protecting which part of a ship?</p> <p>(A) overboard valves</p> <p>(B) hull</p> <p>(C) overboard pipes</p> <p>(D) propeller blade</p>	(B)
204	12-01-2020	397	<p>Broaching is used for which of the following work?</p> <p>(A) circular cut</p> <p>(B) precision cut</p> <p>(C) rough cut</p> <p>(D) Edge cut</p>	(B)
204	12-01-2020	398	<p>The zeroth law of thermodynamics tells about which property of a system?</p> <p>(A) thermal equilibrium</p> <p>(B) constant pressure</p> <p>(C) constant volume</p> <p>(D) constant temperature</p>	(A)

204	12-01-2020	399	<p>What is the minimum tensile strength produced by a 7018 electrode?</p> <p>(A) 7000psi</p> <p>(B) 700psi</p> <p>(C) 70000psi</p> <p>(D) 700000psi</p>	(C)
204	12-01-2020	400	<p>Reaming is used for which purpose?</p> <p>(A) hole rough cutting</p> <p>(B) hole enlarging</p> <p>(C) hole final cut</p> <p>(D) hole smoothening</p>	(C)
204	12-01-2020	401	<p>Select an option which is one among the 5S?</p> <p>(A) seiri</p> <p>(B) saigo</p> <p>(C) samurai</p> <p>(D) si</p>	(A)
204	12-01-2020	402	<p>Which of the following programs used exclusively for mathematical calculations in computer</p> <p>(A) MS Project</p> <p>(B) MS Word</p> <p>(C) Power Point</p> <p>(D) MS Excel</p>	(D)
204	12-01-2020	403	<p>Downhand butt welding is denoted as?</p> <p>(A) 1G</p>	(A)

			<p>(B) 2G</p> <p>(C) 3G</p> <p>(D) 4G</p>	
204	12-01-2020	404	<p>Primary duty of a supervisor while engaging his workers is?</p> <p>(A) find out ways to finish the work</p> <p>(B) ensure safety of workmen</p> <p>(C) note down manpower deployment</p> <p>(D) obtain work permit</p>	(B)
204	12-01-2020	405	<p>Rhonda is the supervisor of the parts department at a car dealership. Among her responsibilities are: scheduling who is supposed to work; when her subordinates are to work; who should do the ordering; and who should help her with counting the inventory. These responsibilities are examples of what type of management function?</p> <p>(A) Leading</p> <p>(B) Controlling</p> <p>(C) Organizing</p> <p>(D) Planning</p>	(C)
204	12-01-2020	406	<p>In M20 bolt, 20 stands for what?</p> <p>(A) length</p> <p>(B) diameter</p> <p>(C) pitch</p> <p>(D) thread size</p>	(B)
204	12-01-2020	407	<p>Otto cycle is based on?</p>	(B)

			<p>(A) constant pressure heat addition</p> <p>(B) constant volume heat addition</p> <p>(C) constant temperature heat addition</p> <p>(D) constant volume without heat addition</p>	
204	12-01-2020	408	<p>What is the full form of URL in internet?</p> <p>(A) uniform resource locator</p> <p>(B) uniform resource link</p> <p>(C) uniform registered link</p> <p>(D) unified resource link</p>	(A)
204	12-01-2020	409	<p>Select which of the following option is not a PPE?</p> <p>(A) Safety Helmet</p> <p>(B) Mask</p> <p>(C) Safety shoe</p> <p>(D) Torch</p>	(D)
204	12-01-2020	410	<p>ALU in a computer performs</p> <p>(A) data processing</p> <p>(B) maths/logic operations</p> <p>(C) Multimedia operations</p> <p>(D) graphics</p>	(B)
204	12-01-2020	411	<p>Which components can be joined using Brazing process?</p> <p>(A) electrical</p> <p>(B) mechanical</p>	(B)

			<p>(C) Bi-metallic</p> <p>(D) engine parts</p>	
204	12-01-2020	412	<p>Which of the following metal requires pre-heating before welding?</p> <p>(A) Aluminium</p> <p>(B) cast iron</p> <p>(C) high speed steel</p> <p>(D) stainless steel</p>	(B)
204	12-01-2020	413	<p>Corrosion on the battery terminal is due to release of which gas?</p> <p>(A) oxygen</p> <p>(B) hydrogen</p> <p>(C) nitrogen</p> <p>(D) helium</p>	(B)
204	12-01-2020	414	<p>In which of the form data is stored in a computer?</p> <p>(A) decimal</p> <p>(B) octal</p> <p>(C) hexa decimal</p> <p>(D) binary</p>	(D)
204	12-01-2020	415	<p>Which of the following is not used for backing in welding process?</p> <p>(A) ceramic backing</p> <p>(B) backing strip</p> <p>(C) strong back</p>	(C)

			(D) copper shoe	
204	12-01-2020	416	<p>Which of the following is not a gas law?</p> <p>(A) Charles law</p> <p>(B) Boyles Law</p> <p>(C) Avagadro law</p> <p>(D) Einstein law</p>	(D)
204	12-01-2020	417	<p>What happens to efficiency of IC engine if we increase intake of air temperature?</p> <p>(A) decreases</p> <p>(B) increases</p> <p>(C) remains same</p> <p>(D) unpredictable</p>	(A)
204	12-01-2020	418	<p>ISO 45001:2018 stands for?</p> <p>(A) OHSMS</p> <p>(B) EMS</p> <p>(C) QMS</p> <p>(D) BEE</p>	(A)
204	12-01-2020	419	<p>Temperature at which water vapour starts condense in the air is called?</p> <p>(A) WBT</p> <p>(B) DBT</p> <p>(C) Dew point</p> <p>(D) RH</p>	(C)
204	12-01-2020	420	<p>Caburizing flame is often called as?</p>	(B)

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| | | | <ul style="list-style-type: none">(A) neutral flame(B) reducing flame(C) oxidizing flame(D) natural flame | |
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