

Subject Code : 202 ▼

Subject Code	Exam Date	Q Id	Questions	Answer Key
202	10-02-2020	71	<p>The first metal used by the man was</p> <p>(A) Iron</p> <p>(B) Copper</p> <p>(C) Gold</p> <p>(D) Aluminium</p>	(B)
202	10-02-2020	72	<p>Expand the term EMI as used in banking/finance sector?</p> <p>(A) Easy Monthly Installment</p> <p>(B) Equated Monthly Installment</p> <p>(C) Equated Mortgage Investment</p> <p>(D) Equal Monthly Investment</p>	(B)
202	10-02-2020	73	<p>Mahe, which is a part of Puducherry is surrounded by which State?</p> <p>(A) Kerala</p> <p>(B) Tamilnadu</p> <p>(C) Karnataka</p> <p>(D) Andhra Pradesh</p>	(A)
202	10-02-2020	74	<p>The first Indian to win an Olympic medal</p> <p>(A) P T Usha</p> <p>(B) K D Jadhav</p> <p>(C) Leander Paes</p> <p>(D) Dhyan Chand</p>	(B)
202	10-02-2020	75	<p>Who is known as Iron man of India?</p>	(A)

			<p>(A) Sardar Vallabhbhai Patel</p> <p>(B) Govind Ballabh Pant</p> <p>(C) Dadabhai Naoroji</p> <p>(D) Subhash Chandra Bose</p>	
202	10-02-2020	76	<p>Fill in the blanks with the most appropriate word :</p> <p>The pen mightier than the sword.</p> <p>(A) shall be</p> <p>(B) is</p> <p>(C) has</p> <p>(D) will be</p>	(B)
202	10-02-2020	77	<p>Select the most appropriate meaning of the given idiom.</p> <p>" A hard nut to crack"</p> <p>(A) Expensive thing</p> <p>(B) A difficult problem</p> <p>(C) A foolish search</p> <p>(D) An easy question</p>	(B)
202	10-02-2020	78	<p>Read the sentence to find out the grammatical error in it. The error will be in one part of the sentence. The number indicated in that part is the answer.</p> <p>I was (1)/ little worried (2)/ about the exam (3) /and the interview (4)</p> <p>(A) 1</p> <p>(B) 2</p> <p>(C) 3</p> <p>(D) 4</p>	(B)

202	10-02-2020	79	<p>Fill in the blanks with appropriate article.</p> <p>Let us play ----- chess.</p> <p>(A) no article</p> <p>(B) a</p> <p>(C) an</p> <p>(D) the</p>	(A)
202	10-02-2020	80	<p>Select the antonym of the given word. "Foremost"</p> <p>(A) hindmost</p> <p>(B) unimportant</p> <p>(C) disposed</p> <p>(D) mature</p>	(B)
202	10-02-2020	81	<p>Crime : Court : : Discase : ?</p> <p>(A) Doctor</p> <p>(B) Hospital</p> <p>(C) Medicine</p> <p>(D) Treatment</p>	Question Withdrawn
202	10-02-2020	82	<p>IN a coded language ,if the word "EQUATION" is coded as GSWCVKQP,then how is word "DONKEY" coded</p> <p>(A) FQPMGA</p> <p>(B) YEKNOD</p> <p>(C) GWCVKJ</p> <p>(D) PQKUCW</p>	(A)
202	10-02-2020	83	<p>Select the related number from the alternative and fill in the blanks.</p> <p>25:125:: 36:-----</p>	(C)

			<p>(A) 180</p> <p>(B) 206</p> <p>(C) 216</p> <p>(D) 318</p>	
202	10-02-2020	84	<p>The first half of the english alphabets are written in reverse alphabetical order. The remaining are all written in alphabetical order. Find the letter in the 1st place ?</p> <p>(A) N</p> <p>(B) O</p> <p>(C) K</p> <p>(D) M</p>	(D)
202	10-02-2020	85	<p>Ramesh is 5th from right end and Yogesh is 15th from left end. If they interchange their places Yogesh becomes 24th from left end then what is number of students ?</p> <p>(A) 35</p> <p>(B) 28</p> <p>(C) 40</p> <p>(D) None of the options</p>	(B)
202	10-02-2020	86	<p>$(\frac{3}{7})$ of ? – $(\frac{2}{5})$ of $(\frac{13}{16})$ of 2160 = 12 % of 900</p> <p>(A) 2150</p> <p>(B) 1540</p> <p>(C) 1960</p> <p>(D) 1890</p>	(D)
202	10-02-2020	87	<p>A hall is 15 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of four walls, the volume of the hall is:</p>	(C)

			<p>(A) 720</p> <p>(B) 900</p> <p>(C) 1200</p> <p>(D) 1800</p>	
202	10-02-2020	88	<p>Which of the numbers given below is the square root of 15376?</p> <p>(A) 122</p> <p>(B) 124</p> <p>(C) 134</p> <p>(D) 128</p>	(B)
202	10-02-2020	89	<p>A number exceeds by 25 from its $\frac{3}{8}$ part. Then the number is</p> <p>(A) 32</p> <p>(B) 35</p> <p>(C) 39</p> <p>(D) 40</p>	(D)
202	10-02-2020	90	<p>The tank full of petrol in Mahesh's motorcycle lasts for 10 days.If he starts using 25% more every day for how many days will the tank full of petrol last?</p> <p>(A) 5 days</p> <p>(B) 6 days</p> <p>(C) 7 days</p> <p>(D) 8 days</p>	(D)
202	10-02-2020	91	<p>The purpose of CPR is</p> <p>(A) Maintain oxygenated blood circulation</p> <p>(B) Stabilize body temperature to avoid hypothermia</p>	(A)

			(C) Build upper body strength (D) Prevent infection resulting from open wounds	
202	10-02-2020	92	Select the odd one out (A) Compiler (B) Interpreter (C) Operating system (D) Assembler	(C)
202	10-02-2020	93	One kilobyte is equal to how many bytes (A) 1000 bytes (B) 1024 bytes (C) 100 bytes (D) 1042 bytes	(B)
202	10-02-2020	94	Skin effect occurs when a conductor carries current at _____ frequencies. (A) very low (B) low (C) medium (D) high	(D)
202	10-02-2020	95	The only function of NOT gate is to (A) Stop signal (B) Invert input signal (C) Act as a universal gate (D) Pass input signal	(B)
202	10-02-2020	96	Cross talk is – (A) The disturbance caused in the nearby channel or circuit due to transmitted signal	(A)

			(B) Adjacent frequency rejection (C) Generation of closely lying side bands (D) None of the options	
202	10-02-2020	97	The rate of movement of charge through any conductor is known as (A) Voltage (B) Resistance (C) Current (D) EMF	(C)
202	10-02-2020	98	If load on a DC shunt motor is increased , its speed is decreased primarily due to (A) increase in its flux (B) decrease in back emf (C) increase in armature current (D) increase in brush drop	(B)
202	10-02-2020	99	The main purpose of using core in a transformer is to (A) Decrease iron losses (B) prevent eddy current loss (C) eliminate magnetic hysteresis (D) decrease reluctance of the common magnetic circuit	(D)
202	10-02-2020	100	Power factor is highest in case of (A) sodium vapour lamps (B) mercury vapour lamps (C) incandescent lamps (D) fluorescent lamps	(C)

202	10-02-2020	101	<p>In a 50 Hz AC cycle, the current reverses directions _____ times per second</p> <p>(A) 50 times</p> <p>(B) 100 times</p> <p>(C) 2 times</p> <p>(D) 25 times</p>	(B)
202	10-02-2020	102	<p>Anemometer measures</p> <p>(A) Pressure</p> <p>(B) RPM</p> <p>(C) Wind velocity</p> <p>(D) Temperature</p>	(C)
202	10-02-2020	103	<p>What will be the phase angle between two alternating waves of equal frequency, when one wave attains maximum value the other is at zero value?</p> <p>(A) 0°</p> <p>(B) 45°</p> <p>(C) 90°</p> <p>(D) 180°</p>	(C)
202	10-02-2020	104	<p>The universal gate is</p> <p>(A) AND gate</p> <p>(B) NAND gate</p> <p>(C) OR gate</p> <p>(D) None of the options</p>	(B)
202	10-02-2020	105	<p>The binary number 10101 is equivalent to decimal number</p> <p>(A) 19</p> <p>(B) 27</p>	(D)

			(C) 12 (D) 21	
202	10-02-2020	106	Which class has the lowest and the highest temperature? (A) Class Y, Class H (B) Class H, Class C (C) Class Y, Class C (D) Class B, Class H	(C)
202	10-02-2020	107	Which instrument is used to measure the high resistance? (A) Kelvin's double bridge (B) Wheatstone bridge (C) Carey-foster bridge (D) Megger	(D)
202	10-02-2020	108	Which of the following quantities cannot be measured using a multi meter? (A) AC Voltage (B) DC Current (C) Phase Angle (D) Resistance	(C)
202	10-02-2020	109	Secondary winding of an auto transformer is also called (A) compensating winding (B) common winding (C) tertiary winding (D) damping winding	(B)
202	10-02-2020	110	One unit of electrical energy equals	(A)

			<p>(A) 1 Kwh</p> <p>(B) 1 wh</p> <p>(C) 10 wh</p> <p>(D) 100 wh</p>	
202	10-02-2020	111	<p>The main advantage of AC transmission system over DC transmission system is</p> <p>(A) easy transformation</p> <p>(B) less losses in transmission over long distances</p> <p>(C) less insulation problems</p> <p>(D) less problem of instability</p>	(A)
202	10-02-2020	112	<p>Insulator that is used in low voltage distribution lines is known as</p> <p>(A) shackle</p> <p>(B) strain</p> <p>(C) pin</p> <p>(D) suspension</p>	(A)
202	10-02-2020	113	<p>Incandescent lamp is filled by</p> <p>(A) argon gas</p> <p>(B) oxygen gas</p> <p>(C) carbon dioxide</p> <p>(D) sulphur oxide</p>	(A)
202	10-02-2020	114	<p>What will be the frequency (in Hz) of a sinusoidal wave, when the time period is 20 ms?</p> <p>(A) 50</p> <p>(B) 60</p> <p>(C) 40</p>	(A)

			(D) 30	
202	10-02-2020	115	<p>For balanced 3-phase supply system, the phasor sum of the line currents is NOT zero if the load is</p> <p>(A) Unbalanced star connected</p> <p>(B) Balanced delta connected</p> <p>(C) Unbalanced delta connected</p> <p>(D) Balanced star connected</p>	(A)
202	10-02-2020	116	<p>Overhead ground wires are used to protect a transmission line against</p> <p>(A) Line to ground faults</p> <p>(B) Arcing earths</p> <p>(C) Voltage surges due to direct lightning stroke</p> <p>(D) High-voltage oscillations due to switching</p>	(C)
202	10-02-2020	117	<p>Bulbs in street lighting are all connected in</p> <p>(A) Parallel</p> <p>(B) Series</p> <p>(C) Series-parallel</p> <p>(D) End to end</p>	(A)
202	10-02-2020	118	<p>The Buchhloz relay is used to protect the</p> <p>(A) Alternators against all internal faults</p> <p>(B) Oil immersed transformers against all internal faults</p> <p>(C) Synchronous motor against all internal faults</p> <p>(D) Transmission lines against all short-circuit faults</p>	(B)
202	10-02-2020	119	<p>The transformers is not used in the D.C line because</p>	(C)

			<p>(A) There is no need to step up the D.C voltage</p> <p>(B) Losses in the D.C circuit are high</p> <p>(C) Faraday's law is not valid as the rate of change of flux is zero</p> <p>(D) D.C transformers are costly</p>	
202	10-02-2020	120	<p>If in an alternating current circuit, impedance is 26 ohm, capacitive reactance is 24 ohm, what is the resistance?</p> <p>(A) 25 ohm</p> <p>(B) 10 ohm</p> <p>(C) 12 ohm</p> <p>(D) 23 ohm</p>	(B)
202	10-02-2020	121	<p>Which of the following colour is used for radiation hazard</p> <p>(A) Red</p> <p>(B) Orange</p> <p>(C) Green</p> <p>(D) Purple</p>	(D)
202	10-02-2020	122	<p>The following class of fire occur in electrical equipment</p> <p>(A) Class-A fires</p> <p>(B) Class-B fires</p> <p>(C) Class-C fires</p> <p>(D) All of the options</p>	(C)
202	10-02-2020	123	<p>The objective of ISO-9000 family of Quality management is</p> <p>(A) Customer satisfaction</p> <p>(B) Employee satisfaction</p>	(A)

			(C) Skill enhancement (D) Environmental issues	
202	10-02-2020	124	Which of the following contributes to harmonics distortion in amplifier (A) Positive feedback (B) Presence of noise (C) Defective active device (D) Non-linearity in active device	(D)
202	10-02-2020	125	Which one of the following bridges is generally used for measurement of frequency and also capacitance? (A) Wein bridge (B) Hay's bridge (C) Owen's bridge (D) Schering bridge	(A)
202	10-02-2020	126	The arcing contacts in a circuit breaker are made of (A) copper tungsten alloy (B) porcelain (C) electrolytic copper (D) aluminium alloy	(A)
202	10-02-2020	127	Directional relays are based on flow of (A) current (B) power (C) voltage wave (D) None of the options	(B)
202	10-02-2020	128	The speed of a d.c motor can be controlled by varying	(D)

			<p>(A) its flux per pole</p> <p>(B) resistance of armature circuit</p> <p>(C) applied voltage</p> <p>(D) All of the options</p>	
202	10-02-2020	129	<p>In an ideal transformer</p> <p>(A) windings have no resistance</p> <p>(B) core has no losses</p> <p>(C) core has infinite permeability</p> <p>(D) All of the options</p>	(D)
202	10-02-2020	130	<p>A transformer has negative voltage regulation when its load power factor is</p> <p>(A) zero</p> <p>(B) unity</p> <p>(C) leading</p> <p>(D) lagging</p>	(C)
202	10-02-2020	131	<p>Two transformers A and B having equal outputs and voltage ratios but unequal percentage impedance of 4 and 2 are operating in parallel .Transformer A will be running over-load by.....percent.</p> <p>(A) 50</p> <p>(B) 66</p> <p>(C) 33</p> <p>(D) 25</p>	(C)
202	10-02-2020	132	<p>The angle between the synchronously-rotating stator flux and rotor poles of a synchronous motor is calledangle.</p> <p>(A) synchronizing</p>	(B)

			(B) torque (C) power factor (D) slip	
202	10-02-2020	133	The normal value of the armature resistance of a d.c. motor is (A) 0.005 (B) 0.5 (C) 10 (D) 100	(B)
202	10-02-2020	134	A stepping motor is a.....device (A) mechanical (B) electrical (C) analogue (D) incremental	(D)
202	10-02-2020	135	A step-up transformer increases (A) voltage (B) current (C) power (D) frequency	(A)
202	10-02-2020	136	The main purpose of performing open-circuit test on a transformer is to measure its (A) copper loss (B) core loss (C) total loss (D) insulation resistance	(B)
202	10-02-2020	137	Speed of the universal motor is	(A)

			(A) dependent on frequency of supply (B) proportional to frequency of supply (C) independent of frequency of supply (D) None of the options	
202	10-02-2020	138	A series motor is best suited for driving (A) lathes (B) cranes and hoists (C) shears and punches (D) machine tool	(B)
202	10-02-2020	139	An inverter circuit is employed to convert (A) a.c. voltage into d.c. voltage (B) d.c. voltage into a.c. voltage (C) high frequency into low frequency (D) low frequency into high frequency	(B)
202	10-02-2020	140	Which of the following d.c. generator cannot built-up on open circuit? (A) shunt (B) series (C) short shunt (D) long shunt	(B)