

Subject Code : 111 ▼

Subject Code	Exam Date	Q Id	Questions	Answer Key
111	17-12-2020	541	<p>The Chairman and other members of UPSC appointed by-</p> <p>(A) Prime Minister</p> <p>(B) Chief Justice of India</p> <p>(C) President of India</p> <p>(D) Governor of Delhi</p>	(C)
111	17-12-2020	542	<p>Who was the first non-Congress Prime Minister in independent modern India's history?</p> <p>(A) Morarji Desai</p> <p>(B) Charan Singh</p> <p>(C) Gulzarilal Nanda</p> <p>(D) Vishwanath Pratap Singh</p>	(A)
111	17-12-2020	543	<p>Which of the following right is not granted as per our Constitution?</p> <p>(A) Right to equal housing</p> <p>(B) Right to equality</p> <p>(C) Right to freedom</p> <p>(D) Right to follow religion</p>	(A)
111	17-12-2020	544	<p>Kumbh Mela on the banks of which river is situated in Nashik?</p> <p>(A) Ganga</p> <p>(B) Sutlej</p> <p>(C) Mahanadi</p> <p>(D) Godavari</p>	(D)

111	17-12-2020	545	Which is the smallest planet in the Solar system?  (A) Pluto  (B) Jupiter  (C) Mercury  (D) Venus	(C)
111	17-12-2020	546	The average weight of 21 boys was recorded as 64 kg. If the weight of the teacher was added, the average increased by one kg. What was the teacher's weight ?  (A) 86 kg  (B) 64 kg  (C) 72 kg  (D) 98 kg	(A)
111	17-12-2020	547	42% of a number is 2457. What is the number?  (A) 5750  (B) 5800  (C) 5825  (D) 5850	(D)
111	17-12-2020	548	$8.7 + 6.2 \times 7.5 = ?$  (A) 55.04  (B) 55.02  (C) 55  (D) 55.2	(D)
111	17-12-2020	549	The ratio of the present ages of Ritu and Rani is 7 : 5. After seven years, ratio of their ages will be 21 : 16. Karan is five years older than Ritu. What will be age of Karan after three years?  (A) 35 years	(B)

			<p>(B) 43 years</p> <p>(C) 38 years</p> <p>(D) 40 years</p>	
111	17-12-2020	550	<p>Of three numbers, the sum of the first two is 45, the sum of the second and the third is 55, and the sum of the third and thrice the first is 90. Find the third number.</p> <p>(A) 20</p> <p>(B) 25</p> <p>(C) 30</p> <p>(D) 15</p>	(C)
111	17-12-2020	551	<p>The main task of a battery in automobiles is to</p> <p>(A) Supply electricity to the alternator</p> <p>(B) Act as a stabilizer of electricity</p> <p>(C) Supply electricity to the vehicle's electrical system at all times while the engine is running</p> <p>(D) Supply a large amount of power to turn the starter motor when the engine is being started</p>	(D)
111	17-12-2020	552	<p>During braking, the brake shoe is moved outward to force the lining against the</p> <p>(A) Wheel piston or cylinder</p> <p>(B) Anchor pin</p> <p>(C) Brake drum</p> <p>(D) Wheel rim or axle</p>	(C)
111	17-12-2020	553	<p>What is the name of gauge used to check spark plug gap?</p> <p>(A) Radius gauge</p> <p>(B) Feeler gauge</p> <p>(C) Angle gauge</p>	(B)

			(D) Plug gauge	
111	17-12-2020	554	<p>What is the function of ignition coil?</p> <p>(A) Step up low voltage to high voltage</p> <p>(B) Step down high voltage to low voltage</p> <p>(C) Connect the primary circuit to ignition switch</p> <p>(D) Disconnect the secondary circuit to distributor</p>	(A)
111	17-12-2020	555	<p>Which type of DC starter motor is generally used in automobiles?</p> <p>(A) Series type</p> <p>(B) Shunt type</p> <p>(C) Compound type</p> <p>(D) Parallel type</p>	(A)
111	17-12-2020	556	<p>What will be the result of worn teeth of ring gear in the starting system?</p> <p>(A) Motor running but too fast</p> <p>(B) Motor not running no operating sound of magnetic switch</p> <p>(C) Starter motor running too slow</p> <p>(D) Starter motor running but not cranking</p>	(D)
111	17-12-2020	557	<p>What is the expansion of GPS in vehicle safety system?</p> <p>(A) Global Placing Satellites</p> <p>(B) Global Positioning Satellites</p> <p>(C) General Positioning Satellites</p> <p>(D) Global Preventing Systems</p>	(B)
111	17-12-2020	558	<p>What is the cause of horn does not produce any sound?</p>	(B)

			<p>(A) Relay point stuck up</p> <p>(B) Fuse blown off</p> <p>(C) Low voltage at horn terminal</p> <p>(D) Tone disc damaged</p>	
111	17-12-2020	559	<p>A diode permits electric current to flow</p> <p>(A) one direction</p> <p>(B) two direction</p> <p>(C) three direction</p> <p>(D) four direction</p>	(A)
111	17-12-2020	560	<p>The spark plug is fitted on</p> <p>(A) cylinder</p> <p>(B) cylinder head</p> <p>(C) crank case</p> <p>(D) rocker cover</p>	(B)
111	17-12-2020	561	<p>What is the voltage of batteries generally used in the automobile ignition system?</p> <p>(A) 6V</p> <p>(B) 12V</p> <p>(C) 18V</p> <p>(D) 24V</p>	(B)
111	17-12-2020	562	<p>If the temperature of intake air in internal combustion engine increases, then its efficiency will</p> <p>(A) Remain same</p> <p>(B) Decrease</p> <p>(C) Increase</p> <p>(D) None of the options</p>	(B)

111	17-12-2020	563	<p>Which resistive component is designed to be temperature sensitive</p> <p>(A) Rheostat</p> <p>(B) Thermistor</p> <p>(C) Potentiometer</p> <p>(D) Photoconductive cell</p>	(B)
111	17-12-2020	564	<p>A switch is a device that</p> <p>(A) short circuits complex circuits</p> <p>(B) holds a fuse</p> <p>(C) opens or completes a current path</p> <p>(D) has double poles</p>	(C)
111	17-12-2020	565	<p>The size of a conductor used in power cables depends on the</p> <p>(A) operating voltage</p> <p>(B) power factor</p> <p>(C) current to be carried</p> <p>(D) type of insulation used</p>	(C)
111	17-12-2020	566	<p>Which one of these is not a manually operated switch?</p> <p>(A) Thumbwheel switch</p> <p>(B) Rotary selector switch</p> <p>(C) Toggle switch</p> <p>(D) Crossbar switch</p>	(D)
111	17-12-2020	567	<p>The fuse rating is expressed in terms of</p> <p>(A) Current</p> <p>(B) Voltage</p> <p>(C) VAR</p>	(A)

			(D) KVA	
111	17-12-2020	568	<p>As the transmission voltage increases the volume of the conductor</p> <p>(A) Increases</p> <p>(B) Decreases</p> <p>(C) Will not change</p> <p>(D) Will increase proportionately</p>	(B)
111	17-12-2020	569	<p>Efficiency of the dc machine is higher when</p> <p>(A) Core losses of the motor is less than copper losses</p> <p>(B) Core losses of the motor is equal to the copper losses</p> <p>(C) When the core losses are zero</p> <p>(D) Core losses is greater than the copper losses</p>	(B)
111	17-12-2020	570	<p>Electrical Generator works on the principle of</p> <p>(A) Fleming's Right hand rule</p> <p>(B) Fleming's Left hand rule</p> <p>(C) Amperes rule</p> <p>(D) Maxwell's law</p>	(A)