

Subject Code : 106 ▾

Subject Code	Exam Date	Q Id	Questions	Answer Key
106	03-12-2020	441	Penicillin, the first among the medications to be effective against many bacterial infections was discovered in 1928 by Scottish scientist named (A) Joseph Black (B) Alexander Fleming (C) Alexander Graham Bell (D) John Napier	(B)
106	03-12-2020	442	Cleanest country in the world (A) Iceland (B) Finland (C) Austria (D) Norway	(A)
106	03-12-2020	443	Which is the largest coffee producing state of India? (A) Kerala (B) Tamil Nadu (C) Karnataka (D) Arunachal Pradesh	(C)
106	03-12-2020	444	First male cricketer to score double century in One Day International cricket match (A) Rohit Sharma (B) Chris Gayle (C) Fakhar Zaman	(D)

			(D) Sachin Tendulkar	
106	03-12-2020	445	First Commander-in-Chief of Free India (A) Rakesh Sharma (B) Baldev Singh (C) Sam Manekshaw (D) Kodandera Madappa Cariappa	(D)
106	03-12-2020	446	Three tenths of 90 equals (A) 18 (B) 45 (C) 27 (D) 36	(C)
106	03-12-2020	447	If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number? (A) 2 : 5 (B) 3 : 7 (C) 5 : 3 (D) 7 : 3	(C)
106	03-12-2020	448	The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is (A) 17 kg (B) 20 kg (C) 26 kg (D) 31 kg	(D)

106	03-12-2020	449	<p>Consider the following series: 26, 21, ..., 11, 6.</p> <p>What is the missing number?</p> <p>(A) 16</p> <p>(B) 23</p> <p>(C) 27</p> <p>(D) 29</p>	(A)
106	03-12-2020	450	<p>Express $71/1000$ as a decimal</p> <p>(A) 0.71</p> <p>(B) 0.0071</p> <p>(C) 0.071</p> <p>(D) 7.1</p>	(C)
106	03-12-2020	451	<p>Semiconductors behave like perfect insulators at _____ and as good conductors at _____</p> <p>(A) 100 deg centigrade, 50 deg centigrade</p> <p>(B) high temperature, low temperature</p> <p>(C) Absolute zero, 100 deg centigrade</p> <p>(D) low temperature, high temperature</p>	(D)
106	03-12-2020	452	<p>Which of these words is not related to CCTV system?</p> <p>(A) PTZ</p> <p>(B) ANPR</p> <p>(C) EPABX</p> <p>(D) NVR</p>	(C)
106	03-12-2020	453	<p>1,200 mV is equal to</p>	(B)

			(A) 12 V (B) 1.2V (C) 0.12V (D) 0.0012V	
106	03-12-2020	454	PLC stands for (A) Programmable Logic Controller (B) Precise Logic Controller (C) Programmable Level Controller (D) Precise Level Controller	(A)
106	03-12-2020	455	Heat Detector, carbon monoxide detector, manual call point are part of ----- (A) HVAC (B) Security System (C) Fire Alarm System (D) Heating system	(C)
106	03-12-2020	456	In mobile network, 'G' in 2G, 3G, 4G and 5G stands for (A) Global (B) Generic (C) Gap (D) Generation	(D)
106	03-12-2020	457	Which of these is not an encoder type? (A) Absolute (B) Position (C) Incremental	(D)

			(D) Bidirectional	
106	03-12-2020	458	VFD connected to motors (A) is not suitable for variable torque load (B) provides variable speed with high efficiency (C) does not provide variable speed (D) induces eddy-current in the secondary member of the clutch mechanism	(B)
106	03-12-2020	459	What type of connector port is not found commonly in computers? (A) 3.5mm audio (B) RJ-45 (C) RJ-11 (D) USB	(C)
106	03-12-2020	460	The term redundancy refers to (A) The loss of memory when there is a power failure (B) The capacity to switch from primary equipment to standby equipment automatically without affecting the process under control (C) Standby Equipment failure (D) Primary equipment failure	(B)
106	03-12-2020	461	Battery cells are connected in series to (A) Decrease internal resistance (B) Decrease output voltage (C) Increase output current carrying capacity (D) Increase output voltage	(D)

106	03-12-2020	462	<p>Which stage of a dc power supply uses a Zener as the main component?</p> <p>(A) Rectifier</p> <p>(B) Voltage divider</p> <p>(C) Regulator</p> <p>(D) Filter</p>	(C)
106	03-12-2020	463	<p>Voltage controlled oscillator is used to generate</p> <p>(A) Indirect FM</p> <p>(B) Direct FM</p> <p>(C) SSB-SC</p> <p>(D) DSB-SC</p>	(B)
106	03-12-2020	464	<p>One of the serious disadvantage of FM transmission is</p> <p>(A) adjacent channel interference</p> <p>(B) limited line of sight range</p> <p>(C) high static noise</p> <p>(D) expensive equipment</p>	(B)
106	03-12-2020	465	<p>Which material is generally used for LED?</p> <p>(A) Compounds of silica</p> <p>(B) Compounds of Gallium</p> <p>(C) Compounds of Phosphorus</p> <p>(D) Compounds of Sulphur</p>	(B)
106	03-12-2020	466	<p>Which of the following flip flops is used as latch?</p> <p>(A) J-K flip flop</p>	(A)

			(B) R-S flip flop (C) D flip flop (D) T flip flop	
106	03-12-2020	467	Under constant load conditons, the speed of the DC motor is affected by (A) field flux (B) armature current (C) field current (D) supply current	(A)
106	03-12-2020	468	The speed of a DC motor can be controlled by varying (A) its flux per pole (B) resistance of armature circuit (C) applied voltage (D) All of the options	(D)
106	03-12-2020	469	The purpose of using flux in soldering is to (A) Increase fluidity of solder metal (B) Fill up gaps left in a bad joint (C) Prevent oxides forming (D) Wash away surplus solder	(C)
106	03-12-2020	470	The electrode for a battery must be (A) A semi conductor (B) An insulator (C) A bad conductor of electricity (D) A good conductor of electricity	(D)