

Subject Code : 219

Subject Code	Exam Date	Q Id	Questions	Answer Key
219	12-01-2020	1531	Who discovered the radioactive element radium? (A) Issac Newton (B) Albert Einstein (C) Benjamin Franklin (D) Marie Curie	(D)
219	12-01-2020	1532	Which country has the largest coast line? (A) Brazil (B) Denmark (C) Canada (D) Iceland	(C)
219	12-01-2020	1533	India with which of the following countries has signed Memorandum of Cooperation to strengthen cooperation in steel sector? (A) Russia (B) USA (C) Japan (D) UAE	(C)
219	12-01-2020	1534	SURYA KIRAN is a joint military exercise of India with which country? (A) Nepal (B) China (C) USA	(A)

			(D) Maldives	
219	12-01-2020	1535	First Chief of Defence Staff of India (A) Manoj Mukund Naravane (B) Karambir Singh (C) Rakesh Kumar Singh Bhadauria (D) Bipin Rawat	(D)
219	12-01-2020	1536	$18.834 + 818.34 - ? = 618.43$ (A) 217.644 (B) 218.744 (C) 217.744 (D) 217.844	(B)
219	12-01-2020	1537	40 is subtracted from 60% of a number, the result is 50. Find the number? (A) 150 (B) 140 (C) 130 (D) 110	(A)
219	12-01-2020	1538	A is two years older than B , who is twice as old as C. If total ages of A, B and C be 27, how old is B? (A) 5 (B) 8 (C) 10 (D) 12	(C)

219	12-01-2020	1539	<p>The total surface area of a hemispherical solid having radius 7 cm is</p> <p>(A) 462 cm²</p> <p>(B) 294 cm²</p> <p>(C) 588 cm²</p> <p>(D) 154 cm²</p>	(A)
219	12-01-2020	1540	<p>By what least number should we multiply 1008 to make it a perfect square?</p> <p>(A) 8</p> <p>(B) 7</p> <p>(C) 2</p> <p>(D) 5</p>	(B)
219	12-01-2020	1541	<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)
219	12-01-2020	1542	<p>One horse power equal to</p> <p>(A) 746 watts</p> <p>(B) 748 watts</p> <p>(C) 750 watts</p> <p>(D) 736 watts</p>	(A)
219	12-01-2020	1543	<p>Water is used to extinguish</p>	(A)

			<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>	
219	12-01-2020	1544	<p>Which of the following is not a hoisting equipment with lifting gears ?</p> <p>(A) cage elevators</p> <p>(B) jib cranes</p> <p>(C) pulleys</p> <p>(D) belts</p>	(D)
219	12-01-2020	1545	<p>In a four stroke engine working cycle is completed in _____</p> <p>(A) One revolution of crankshaft</p> <p>(B) Two revolutions of crankshaft</p> <p>(C) Three revolutions of crankshaft</p> <p>(D) Four revolutions of crankshaft</p>	(B)
219	12-01-2020	1546	<p>What is the SI unit for density?</p> <p>(A) M^3/KG</p> <p>(B) KG/M^3</p> <p>(C) KG/M^2</p> <p>(D) M^2/KG</p>	(B)
219	12-01-2020	1547	<p>A rivet is specified by the diameter of its</p> <p>(A) shank</p> <p>(B) head</p>	(A)

			<p>(C) tail</p> <p>(D) None of the options</p>	
219	12-01-2020	1548	<p>Washer is generally specified by its.</p> <p>(A) Outer diameter</p> <p>(B) Hole diameter</p> <p>(C) Thickness</p> <p>(D) Mean diameter</p>	(B)
219	12-01-2020	1549	<p>Following is/are types of flow through centrifugal pump</p> <p>(A) Radial flow</p> <p>(B) Axial flow</p> <p>(C) Mixed flow</p> <p>(D) All of the options</p>	(D)
219	12-01-2020	1550	<p>Checking surface flatness and squareness by</p> <p>(A) slip gauge</p> <p>(B) bevel gauge</p> <p>(C) vernier height gauge</p> <p>(D) try square</p>	(D)
219	12-01-2020	1551	<p>The designation M 33 x 2 of a bolt means</p> <p>(A) metric threads of 33 numbers in 2 cm</p> <p>(B) metric thread with cross-section of 33mm</p> <p>(C) metric thread of 33 mm outside diameter and 2 mm pitch</p> <p>(D) bolt of 33 mm nominal diameter having 2</p>	(C)

			threads per cm	
219	12-01-2020	1552	What steel is a file made from? (A) High Chromium steel (B) Forged steel (C) High carbon steel (D) Mild steel	(C)
219	12-01-2020	1553	The dimensions of Kinetic energy is same as that of (A) Force (B) Pressure (C) Work (D) Momentum	(C)
219	12-01-2020	1554	Density of a substance is defined as (A) its mass per unit volume (B) its mass per unit area (C) its volume per unit mass (D) its weight per unit volume	(A)
219	12-01-2020	1555	Diesel cycle is also known as (A) constant volume cycle (B) constant pressure cycle (C) constant temperature cycle (D) None of the options	(B)
219	12-01-2020	1556	Which of the following bearings are also known as anti-friction or bearings per	(B)

			friction? (A) Pedestal Bearings (B) Rolling Contact Bearings (C) Collar Bearings (D) Solid Bearings	
219	12-01-2020	1557	Which part of engine combines air and gasoline in the appropriate amount? (A) Carburetor (B) Valve (C) Silencer (D) Radiator	(A)
219	12-01-2020	1558	Which of the following colour is used for radiation hazard? (A) Red (B) Orange (C) Purple (D) Green	(C)
219	12-01-2020	1559	In a four stroke engine each cylinder has (A) One valve (B) Two valves (C) Three valves (D) Four valves	(B)
219	12-01-2020	1560	The combustion in compression ignition engine is (A) homogeneous	(B)

(B) heterogeneous

(C) laminar

(D) None of the options