

Subject Code : 101 ▾

Subject Code	Exam Date	Q Id	Questions	Answer Key
101	03-12-2020	1	First Governor General of free India (A) C Rajagopalachari (B) Lord Bentinck (C) Lord Curzon (D) Lord Mountbatten	(D)
101	03-12-2020	2	Biggest animal on earth (A) Blue Whale (B) Colossal Squid (C) African Elephant (D) Brown Bear	(A)
101	03-12-2020	3	Which of the following states is not located in the North of India? (A) Jammu and Kashmir (B) Jharkhand (C) Himachal Pradesh (D) Haryana	(B)
101	03-12-2020	4	Which of the following imaginary line almost divides India into two equal parts? (A) Equator (B) Tropic of Cancer (C) Tropic of Capricorn (D) Arctic Circle	(B)

101	03-12-2020	5	<p>First cricketer to score double century in a One Day International among all men and women cricket formats.</p> <p>(A) Belinda Jane Clark</p> <p>(B) Amelia Charlotte Kerr</p> <p>(C) Sachin Tendulkar</p> <p>(D) Rohit Sharma</p>	(A)
101	03-12-2020	6	<p>$120 \div (6 + 12 \times 2)$</p> <p>(A) 150</p> <p>(B) 4</p> <p>(C) 6</p> <p>(D) 40</p>	(B)
101	03-12-2020	7	<p>$\frac{3}{5} = (?)\% \times \frac{5}{8}$</p> <p>(A) 75%</p> <p>(B) 100%</p> <p>(C) 78%</p> <p>(D) 96%</p>	(D)
101	03-12-2020	8	<p>What number subtracted by 25 is $\frac{1}{5}$ of 50?</p> <p>(A) 125</p> <p>(B) 150</p> <p>(C) 35</p> <p>(D) 50</p>	(C)
101	03-12-2020	9	<p>A box contains 7 black pencils and 28 blue ones. What is the ratio between the black and</p>	(A)

			<p>blue pencils?</p> <p>(A) 1:4</p> <p>(B) 2:7</p> <p>(C) 1:8</p> <p>(D) 1:9</p>	
101	03-12-2020	10	<p>Consider the following series: 26, 24, 20, 14,</p> <p>What number should come next?</p> <p>(A) 6</p> <p>(B) 18</p> <p>(C) 12</p> <p>(D) 8</p>	(A)
101	03-12-2020	11	<p>Which among the following pipe fittings are NOT used for throttling?</p> <p>(A) Globe valve</p> <p>(B) Check valve</p> <p>(C) Butterfly valve</p> <p>(D) Diaphragm valve</p>	(B)
101	03-12-2020	12	<p>The tool used to tighten/loosen the pipes is ?</p> <p>(A) Pipe dye</p> <p>(B) Pipe tap</p> <p>(C) Pipe wrench</p> <p>(D) Pipe tape</p>	(C)
101	03-12-2020	13	<p>The standard length of the GI pipe available in the market ?</p> <p>(A) 20 m</p>	(D)

			(B) 18 m (C) 4 m (D) 6 m	
101	03-12-2020	14	Incompressible liquid used for pressure testing of piping systems? (A) Water (B) Oil (C) Either oil or water (D) None of the options	(C)
101	03-12-2020	15	The main purpose of flushing prior to the hydro test is? (A) To ensure leak tightness of pressure systems (B) For physical quality test in the pipe's fabrication process (C) For removal of all dirt and foreign matter (D) To check system integrity in pressured condition	(C)
101	03-12-2020	16	Why are cupronickel alloys used in piping systems involving sea water, like bilge, ballast and seawater cooling piping system? (A) Resistance to corrosion (B) Light weight (C) Ductility (D) Malleability	(A)
101	03-12-2020	17	Which of the following is true? (A) Seamless pipe have a weld joint throughout its cross section	(C)

			<p>(B) ERW pipes are manufactured by extruding the metal to the desired length</p> <p>(C) ERW pipe have a weld joint throughout its cross section</p> <p>(D) None of the options</p>	
101	03-12-2020	18	<p>Which of the following is false?</p> <p>(A) Check valve or non return valve allows the fluid to pass in one direction only</p> <p>(B) The flow is controlled by raising and lowering the valving element in gate valves</p> <p>(C) A globe valve is a linear motion valve used to stop, start and regulate fluid flow</p> <p>(D) Globe valves are used only for stopping the flow</p>	(D)
101	03-12-2020	19	<p>Material which are used for construction of valves?</p> <p>(A) Cast iron</p> <p>(B) Bronze</p> <p>(C) Alloy carbon steel</p> <p>(D) All of the options</p>	(D)
101	03-12-2020	20	<p>Type of reducer used for prevention of air accumulation within the pipe ?</p> <p>(A) Eccentric reducer</p> <p>(B) Concentric reducer</p> <p>(C) Either Eccentric or Concentric reducer</p> <p>(D) Central reducer</p>	(A)
101	03-12-2020	21	<p>Cutting process where metal is cut and melted by heat of a carbon arc and removed using a blast of air ?</p>	(A)

			(A) Gouging (B) Plasma cutting (C) Oxy-Fuel cutting (D) Thinning	
101	03-12-2020	22	ASTM A53 Type S pipe means it is ___ pipe ? (A) ERW (B) Seamless (C) Either ERW or seamless (D) Bent	(B)
101	03-12-2020	23	Which among the following is TRUE? (A) A long radius elbow will be giving the pipe a sharper turn than a short radius elbow (B) A short radius elbow will be giving the pipe a sharper turn than a long radius elbow (C) Short radius creates lesser pressure drop than long radius elbows (D) Long radius elbows are less costlier than short radius elbows	(B)
101	03-12-2020	24	The swing check valve is used to control the flow of water by (A) ball (B) flap (C) small hole (D) None of the options	(B)
101	03-12-2020	25	Templates are used for (A) A planning layout (B) Flow of material	(D)

			(C) Advancing a program in automatic machines (D) Copying complicated profiles	
101	03-12-2020	26	Common type of welding used for non-ferrous material (A) TIG welding (B) MIG welding (C) Manual welding (D) None of the options	(A)
101	03-12-2020	27	The allowable limit of ovality of pipe after bending (A) Upto 10 % (B) Upto 25 % (C) Upto 5 % (D) Upto 20 %	(C)
101	03-12-2020	28	Chemical composition of 90/10 Cupronickel pipe (A) Copper 90 % and nickel 10 % (B) Copper 10 % and nickel 90% (C) Copper 50 % and nickel 50% (D) Copper 40 % and nickel 60%	(A)
101	03-12-2020	29	The flange used to seal off the end of a pipe (A) Blind	(A)

			(B) Normal (C) Open (D) All of the options	
101	03-12-2020	30	Bend radius of 3D bending = (A) 3 x Pipe diameter (B) 3 x Pipe circumference (C) 3 x Pipe thickness x Pipe radius (D) 3 x Pipe radius	(A)