

Subject Code : 101 ▼

Subject Code	Exam Date	Q Id	Questions	Answer Key
101	29-03-2021	1	<p>Which country has recently amended its citizenship laws to attract individuals with specialized skills?</p> <p>(A) Switzerland</p> <p>(B) United States of America (USA)</p> <p>(C) Germany</p> <p>(D) United Arab Emirates (UAE)</p>	(D)
101	29-03-2021	2	<p>Which city is the world's most polluted capital across the world for the third straight year, as per the PM 2.5 "2020 World Air Quality Report" conducted by Greenpeace Southeast Asia Analysis & Swiss group "IQAir"?</p> <p>(A) Bhopal</p> <p>(B) New Delhi</p> <p>(C) New York</p> <p>(D) Beijing</p>	(B)
101	29-03-2021	3	<p>First Indian Fencer to qualify Olympics being held at Tokyo ?</p> <p>(A) Bhavani Devi</p> <p>(B) Istvan Marton</p> <p>(C) Nithin Prakash</p> <p>(D) AGK. Sinha</p>	(A)
101	29-03-2021	4	<p>My Life is the autobiography of</p> <p>(A) APJ Abdul Kalam</p> <p>(B) Bill Clinton</p> <p>(C) Rajendra Prasad</p>	(B)

			(D) Angela Merkel	
101	29-03-2021	5	<p>What is ' IN FAC T-81 ', which was seen in the news recently?</p> <p>(A) Indian Naval Fast Attack Craft</p> <p>(B) Covid vaccine</p> <p>(C) Artificial Intelligence tool</p> <p>(D) Private Space shuttle</p>	(A)
101	29-03-2021	6	<p>Fill in the blanks with most appropriate tense of grammar.</p> <p>Aida her room for the past hour.</p> <p>(A) has been painting</p> <p>(B) have been painting</p> <p>(C) was been painting</p> <p>(D) have being painting</p>	(A)
101	29-03-2021	7	<p>Meaning of the phrase " A blessing in disguise"</p> <p>(A) Avoid saying what you mean</p> <p>(B) A good thing that seemed bad at first</p> <p>(C) Don't be so critical</p> <p>(D) Good luck</p>	(B)
101	29-03-2021	8	<p>There is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled A, B, C and D to produce the correct sentence:</p> <p>Communication etiquette differs from culture to culture</p> <p>A. we will have to understand</p> <p>B. the cultural background</p> <p>C. of our recipients and be sensitive to that</p> <p>D. and therefore in order to make our communication effective</p> <p>(A) DABC</p>	(A)

			<p>(B) DBCA</p> <p>(C) CDAB</p> <p>(D) ADBC</p>	
101	29-03-2021	9	<p>One word for “ A person skilled in foreign languages”</p> <p>(A) Foreigner</p> <p>(B) Linguist</p> <p>(C) Translator</p> <p>(D) Altruist</p>	(B)
101	29-03-2021	10	<p>Fill in the blanks with most appropriate option.</p> <p>He sacrificed his life of his country.</p> <p>(A) for the sake</p> <p>(B) for the praise</p> <p>(C) for sake</p> <p>(D) for praise</p>	(A)
101	29-03-2021	11	<p>Khanak travels 8 km from East to West and turns right to travel 2 km. Now he turns right and travels 5 km. In which direction is he now positioned with reference to the starting point?</p> <p>(A) West</p> <p>(B) North – West</p> <p>(C) North</p> <p>(D) South - West</p>	(B)
101	29-03-2021	12	<p>In following question, a number series is given with one term missing. Choose the correct alternative that will form same pattern and fill in the blank spaces.</p> <p>6, 12, 21, ?, 48</p>	(A)

			<p>(A) 33</p> <p>(B) 35</p> <p>(C) 37</p> <p>(D) 39</p>	
101	29-03-2021	13	<p>Find the odd one out:</p> <p>(A) Eyes</p> <p>(B) Legs</p> <p>(C) Nose</p> <p>(D) Ears</p>	(C)
101	29-03-2021	14	<p>Pointing towards a girl, a Person said, "She is the only daughter of the only son of the wife of the father-in-law of my wife". How is the girl related to the Person?</p> <p>(A) Sister</p> <p>(B) Daughter</p> <p>(C) Wife</p> <p>(D) Mother</p>	(B)
101	29-03-2021	15	<p>From the given alternatives select the word which cannot be formed using the letters of the given words.</p> <p>INTELLIGENCE</p> <p>(A) CANCEL</p> <p>(B) NEGLECT</p> <p>(C) GENTLE</p> <p>(D) INCITE</p>	(A)
101	29-03-2021	16	<p>The difference between a two-digit number and the number obtained by interchanging the positions of its digits is 36. What is the difference between the two digits of that number?</p> <p>(A) 3</p>	(C)

			(B) 6 (C) 4 (D) 9	
101	29-03-2021	17	The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay ? (A) Rs.1200 (B) Rs.1600 (C) Rs.1800 (D) Rs.2400	(D)
101	29-03-2021	18	A man has some hens and cows. If the number of heads be 48 and the number of feet equals 140, then the number of hens will be: (A) 22 (B) 25 (C) 24 (D) 26	(D)
101	29-03-2021	19	At a game of billiards, A can give B 15 points in 60 and A can give C 20 points in 60. How many points can B give C in a game of 90? (A) 30 (B) 20 (C) 10 (D) 12	(C)
101	29-03-2021	20	In the afternoon, a student read 100 pages at the rate of 60 pages per hour. In the evening, when she was tired, she read 100 more pages at the rate of 40 pages per hour. What was her average rate of reading the pages per hour? (A) 48	(A)

			<p>(B) 50</p> <p>(C) 68</p> <p>(D) 70</p>	
101	29-03-2021	21	<p>Second name of the orthographic projection is</p> <p>(A) Multiview projection</p> <p>(B) Two view projection</p> <p>(C) Single view projection</p> <p>(D) All of the options</p>	(A)
101	29-03-2021	22	<p>The included angle of Hexagon is</p> <p>(A) 30</p> <p>(B) 120</p> <p>(C) 60</p> <p>(D) 150</p>	(B)
101	29-03-2021	23	<p>If a line intersects a circle at two points, not passing through the center, the line segment inside the circle is referred as</p> <p>(A) Quadrant</p> <p>(B) Radial line</p> <p>(C) Sequent</p> <p>(D) Chord</p>	(D)
101	29-03-2021	24	<p>In AutoCAD, how many points do you need to define for the Rectangle command?</p> <p>(A) One</p> <p>(B) Two</p> <p>(C) Three</p> <p>(D) Four</p>	(B)

101	29-03-2021	25	<p>Mathematically a parabola can be described by an equation</p> <p>(A) $y^2=4ax$</p> <p>(B) $x^2=2ay$</p> <p>(C) $x^2=4ay$</p> <p>(D) Both ($y^2=4ax$) & ($x^2=2ay$)</p>	(D)
101	29-03-2021	26	<p>Third angle projection method, the object is assumed to be situated in the ___ quadrant</p> <p>(A) First quadrant</p> <p>(B) Second quadrant</p> <p>(C) Third quadrant</p> <p>(D) Fourth quadrant</p>	(C)
101	29-03-2021	27	<p>In AutoCAD, the scale command can be accessed easily by typing</p> <p>(A) S</p> <p>(B) C</p> <p>(C) SC</p> <p>(D) SL</p>	(C)
101	29-03-2021	28	<p>In AutoCAD, which key automatically activates the O snap feature of AutoCAD</p> <p>(A) F1</p> <p>(B) F2</p> <p>(C) F3</p> <p>(D) F4</p>	(C)
101	29-03-2021	29	<p>Which of the following is not a surface finishing process?</p> <p>(A) Honing</p> <p>(B) Buffing</p>	(D)

			(C) Lapping (D) Turning	
101	29-03-2021	30	Which of the following has no unit? (A) kinematic viscosity (B) surface tension (C) bulk modulus (D) strain	(D)
101	29-03-2021	31	Which of the materials is most elastic? (A) Rubber (B) Plastic (C) Brass (D) Steel	(D)
101	29-03-2021	32	Which type of body is an airfoil? (A) streamline body (B) wave body (C) bluff body (D) induced body	(A)
101	29-03-2021	33	Metals are good conductors of heat because (A) their atoms collide frequently (B) their atoms are relatively far apart (C) they contain free electrons (D) they have high density	(A)
101	29-03-2021	34	The temperature of steam of around 540 Deg Celsius can be measured by (A) thermometer	(D)

			<p>(B) radiation pyrometer</p> <p>(C) thermistor</p> <p>(D) thermocouple</p>	
101	29-03-2021	35	<p>The notch angle of the izod impact test specimen is</p> <p>(A) 10 Deg</p> <p>(B) 20 Deg</p> <p>(C) 30 Deg</p> <p>(D) 45 Deg</p>	(D)
101	29-03-2021	36	<p>Cold working</p> <p>(A) increases the fatigue strength</p> <p>(B) decreases the fatigue strength</p> <p>(C) has no influence on fatigue strength</p> <p>(D) either increases or decreases the fatigue strength</p>	(A)
101	29-03-2021	37	<p>The function of a washer is to</p> <p>(A) provide cushioning effect</p> <p>(B) provide bearing area</p> <p>(C) absorb shocks and vibrations</p> <p>(D) provide smooth surface in place of rough surface</p>	(B)
101	29-03-2021	38	<p>What is the S.I unit of section modulus</p> <p>(A) mm^4</p> <p>(B) mm^3</p> <p>(C) mm^2</p> <p>(D) m</p>	(B)
101	29-03-2021	39	<p>Change in unit length of material due to change in temperature</p>	(A)

			<p>(A) Co-efficient of thermal expansion</p> <p>(B) Linear strain</p> <p>(C) Lateral strain</p> <p>(D) Linear ratio</p>	
101	29-03-2021	40	<p>The ratio of linear dimension of object in the drawing with the actual dimension of the same object is</p> <p>(A) Scale</p> <p>(B) Dimension</p> <p>(C) Sectional View</p> <p>(D) Range</p>	(A)
101	29-03-2021	41	<p>The centre of gravity of the volume of the liquid displaced by an immersed body is called</p> <p>(A) Meta center</p> <p>(B) Centre of pressure</p> <p>(C) Centre of buoyancy</p> <p>(D) Centre of gravity</p>	(C)
101	29-03-2021	42	<p>To obtain parallel lines, concentric circles and parallel curves _____ is used</p> <p>(A) Copy</p> <p>(B) Fillet</p> <p>(C) Offset</p> <p>(D) Fill</p>	(C)
101	29-03-2021	43	<p>Cast iron during machining produces</p> <p>(A) continuous chips</p> <p>(B) discontinuous chips</p> <p>(C) continuous chips with built-up-edge</p> <p>(D) None of the options</p>	(B)

101	29-03-2021	44	<p>In a flange coupling, the flanges are coupled together by means of</p> <p>(A) bolts and nuts</p> <p>(B) studs</p> <p>(C) headless taper bolts</p> <p>(D) turns</p>	(A)
101	29-03-2021	45	<p>The distance a screw thread advances axially in one turn is the:</p> <p>(A) Lead</p> <p>(B) Pitch</p> <p>(C) Turn</p> <p>(D) Crest</p>	(A)
101	29-03-2021	46	<p>Sensible heat is the heat required to</p> <p>(A) Change vapour into liquid</p> <p>(B) Change liquid into vapour</p> <p>(C) Increase temperature of liquid or vapour</p> <p>(D) Convert water into steam and superheat it</p>	(C)
101	29-03-2021	47	<p>The smallest change in measured value to which the instrument will respond is called</p> <p>(A) Accuracy</p> <p>(B) Precision</p> <p>(C) Amplification</p> <p>(D) Resolution</p>	(D)
101	29-03-2021	48	<p>Work-done in a free expansion process is</p> <p>(A) Zero</p> <p>(B) Negative</p>	(A)

			(C) Maximum (D) Positive	
101	29-03-2021	49	Allen key is used to tighten (A) Cap screw with hexagonal head (B) Cap screw with fillister head (C) Cap screw with hexagonal socket head (D) Cap screw with flat head	(C)
101	29-03-2021	50	In order to check the clearance between two mating surfaces, a _____ gauge should be used. (A) Ring (B) Plug (C) Feeler (D) Positive	(C)