

Subject Code : 105 ▼

| Subject Code | Exam Date | Q Id | Questions | Answer Key |
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| 105 | 17-12-2020 | 121 | <p>Which state first launched a project that aims to provide free internet access to the poor in the State?</p> <p>(A) Sikkim (B) Kerala (C) Karnataka (D) Assam</p> | (B) |
| 105 | 17-12-2020 | 122 | <p>Name the first cricketer to score 1000 runs in an innings in any competitive match.</p> <p>(A) Prithvi Shaw (B) Pranav Dhanawade (C) Virat Kohli (D) Shikhar Dhawan</p> | (B) |
| 105 | 17-12-2020 | 123 | <p>Who is said to be the father of Indian Space Programme?</p> <p>(A) A P J Abdul Kalam (B) Rakesh Sharma (C) Vikram Sarabhai (D) Homi Bhabha</p> | (C) |
| 105 | 17-12-2020 | 124 | <p>The most common cause of anaemia in our country is due to deficiency of</p> <p>(A) Potassium (B) Calcium (C) Magnesium (D) Iron</p> | (D) |

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| 105 | 17-12-2020 | 125 | <p>The first woman film star nominated to the Rajya Sabha was</p> <p>(A) Nargis Dutt</p> <p>(B) Shabana Azmi</p> <p>(C) Madhubala</p> <p>(D) Meena Kumari</p> | (A) |
| 105 | 17-12-2020 | 126 | <p>The total ages of Ankit , Narendra and Satendra is 96 years. Five years ago, the ratio of their ages was 2 : 3 : 4. What is the present age of Satendra?</p> <p>(A) 21 years</p> <p>(B) 32 years</p> <p>(C) 41 years</p> <p>(D) 53 years</p> | (C) |
| 105 | 17-12-2020 | 127 | <p>$33.003 \times 32.998 + 99.910 = ?$</p> <p>(A) 1190</p> <p>(B) 1540</p> <p>(C) 1209</p> <p>(D) 1230</p> | (A) |
| 105 | 17-12-2020 | 128 | <p>$(4 / 5) \times ? \times (3 / 7) = (16 / 105)$</p> <p>(A) 8/9</p> <p>(B) 5/7</p> <p>(C) 4/9</p> <p>(D) 3/7</p> | (C) |
| 105 | 17-12-2020 | 129 | <p>Average of the present ages of husband, wife and their child is 38 years. At the time of birth of the child, average age of the husband and wife was 39 years. Find the present age of the child.</p> <p>(A) 7 years</p> | (B) |

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| | | | <p>(B) 12 years</p> <p>(C) 9 years</p> <p>(D) 10 years</p> | |
| 105 | 17-12-2020 | 130 | <p>Find a number such that when 15 is subtracted from 7 times the number, the result is 10 more than twice the number.</p> <p>(A) 5</p> <p>(B) 10</p> <p>(C) 15</p> <p>(D) 20</p> | (A) |
| 105 | 17-12-2020 | 131 | <p>Least count of micrometer is</p> <p>(A) 0.001</p> <p>(B) 0.01</p> <p>(C) 0.02</p> <p>(D) 0.1</p> | (B) |
| 105 | 17-12-2020 | 132 | <p>In which one of the following machining operations , single-point cutting tools are not used</p> <p>(A) turning</p> <p>(B) milling</p> <p>(C) planing</p> <p>(D) shaping</p> | (B) |
| 105 | 17-12-2020 | 133 | <p>The direction of finishing is known as</p> <p>(A) Flaw</p> <p>(B) Lay</p> <p>(C) Waviness</p> <p>(D) Roughness</p> | (B) |
| 105 | 17-12-2020 | 134 | <p>Which one of the following threads is used on</p> | (B) |

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| | | | <p>mechanical jack?</p> <p>(A) ACME</p> <p>(B) Square</p> <p>(C) V</p> <p>(D) BSF</p> | |
| 105 | 17-12-2020 | 135 | <p>BSF threads have the included angle of</p> <p>(A) 30 degree</p> <p>(B) 45 degree</p> <p>(C) 55 degree</p> <p>(D) 60 degree</p> | (C) |
| 105 | 17-12-2020 | 136 | <p>While grinding one must use</p> <p>(A) dark glass screen</p> <p>(B) mask</p> <p>(C) safety goggles</p> <p>(D) sun goggles</p> | (C) |
| 105 | 17-12-2020 | 137 | <p>Slotter disc mechanism is used for</p> <p>(A) Making a wide cut</p> <p>(B) Setting the tool to cut</p> <p>(C) Quick return mechanism</p> <p>(D) Rotary motion on the table</p> | (C) |
| 105 | 17-12-2020 | 138 | <p>The stylus of the surface indicator is made of</p> <p>(A) Aluminium</p> <p>(B) High carbon steel</p> <p>(C) Gun metal</p> <p>(D) Diamond</p> | (D) |

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| 105 | 17-12-2020 | 139 | <p>The bull gear of Shaper is driven by</p> <p>(A) a shaft</p> <p>(B) a pinion</p> <p>(C) a pulley</p> <p>(D) sliding block</p> | (B) |
| 105 | 17-12-2020 | 140 | <p>Which among the following statement is not correct?</p> <p>(A) The column is the main supporting frame of a milling machine</p> <p>(B) The saddle of a miling machine moves horizontally to provide cross feed</p> <p>(C) The table of the milling machine is provided with v slots for mounting work piece on it</p> <p>(D) The table of a milling machine moves the work piece longitudinally</p> | (C) |
| 105 | 17-12-2020 | 141 | <p>Which one of the following is not a part of a centre lathe?</p> <p>(A) Chuck</p> <p>(B) Feed rod</p> <p>(C) Arbor</p> <p>(D) Lead screw</p> | (C) |
| 105 | 17-12-2020 | 142 | <p>What will be the result if the clearance angle in the drill is increased?</p> <p>(A) Weak cutting edge</p> <p>(B) Rough hole surface</p> <p>(C) Poor wedging action</p> <p>(D) Increased point angle</p> | (A) |
| 105 | 17-12-2020 | 143 | <p>The convexity of file helps</p> <p>(A) To file conclave surface</p> | (C) |

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| | | | <p>(B) To file convex surface</p> <p>(C) To prevent rounding of edges of work</p> <p>(D) The file to become straight when pressure is applied</p> | |
| 105 | 17-12-2020 | 144 | <p>Cutting a groove on cylindrical work piece on a lathe is called?</p> <p>(A) Necking</p> <p>(B) Turning</p> <p>(C) Milling</p> <p>(D) Boring</p> | (A) |
| 105 | 17-12-2020 | 145 | <p>Snap gauges are used for checking?</p> <p>(A) External diameter</p> <p>(B) Internal diameter</p> <p>(C) Slotted diameter</p> <p>(D) Taper diameter</p> | (A) |
| 105 | 17-12-2020 | 146 | <p>Malleability is the property by means of which metal can be</p> <p>(A) Rolled</p> <p>(B) Milled</p> <p>(C) Machined</p> <p>(D) None of the options</p> | (A) |
| 105 | 17-12-2020 | 147 | <p>Rockwell test is done to measure</p> <p>(A) Hardness</p> <p>(B) Toughness</p> <p>(C) Length</p> <p>(D) Ductility</p> | (A) |
| 105 | 17-12-2020 | 148 | <p>The difference between upper limit and lower limit is</p> | (A) |

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| | | | <p>called</p> <p>(A) Tolerance</p> <p>(B) Allowance</p> <p>(C) Interference</p> <p>(D) Transition</p> | |
| 105 | 17-12-2020 | 149 | <p>The process of beveling the end of existing hole is called</p> <p>(A) Counterboring</p> <p>(B) Spotfacing</p> <p>(C) Counter sinking</p> <p>(D) Reaming</p> | (C) |
| 105 | 17-12-2020 | 150 | <p>Shaft ends are centre drilled for</p> <p>(A) Lubricating the dead centre</p> <p>(B) Reducing the weight</p> <p>(C) Assisting counter boring</p> <p>(D) Supporting the job between centres</p> | (D) |