

Subject Code : 102 ▼

| Subject Code | Exam Date  | Q Id | Questions  | Answer Key |
|--------------|------------|------|--|------------|
| 102          | 17-12-2020 | 31   | <p>Which state first launched a project that aims to provide free internet access to the poor in the State?</p> <p>(A) Sikkim<br/>(B) Kerala<br/>(C) Karnataka<br/>(D) Assam</p>       | (B)        |
| 102          | 17-12-2020 | 32   | <p>Name the first cricketer to score 1000 runs in an innings in any competitive match.</p> <p>(A) Prithvi Shaw<br/>(B) Pranav Dhanawade<br/>(C) Virat Kohli<br/>(D) Shikhar Dhawan</p> | (B)        |
| 102          | 17-12-2020 | 33   | <p>Who is said to be the father of Indian Space Programme?</p> <p>(A) A P J Abdul Kalam<br/>(B) Rakesh Sharma<br/>(C) Vikram Sarabhai<br/>(D) Homi Bhabha</p>                          | (C)        |
| 102          | 17-12-2020 | 34   | <p>The most common cause of anaemia in our country is due to deficiency of .....</p> <p>(A) Potassium<br/>(B) Calcium<br/>(C) Magnesium<br/>(D) Iron</p>                               | (D)        |

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| 102 | 17-12-2020 | 35 | <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) |
| 102 | 17-12-2020 | 36 | <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) |
| 102 | 17-12-2020 | 37 | <p><math>33.003 \times 32.998 + 99.910 = ?</math></p> <p>(A) 1190</p> <p>(B) 1540</p> <p>(C) 1209</p> <p>(D) 1230</p>   | (A) |
| 102 | 17-12-2020 | 38 | <p><math>(4 / 5) \times ? \times (3 / 7) = (16 / 105)</math></p> <p>(A) 8/9</p> <p>(B) 5/7</p> <p>(C) 4/9</p> <p>(D) 3/7</p>  | (C) |
| 102 | 17-12-2020 | 39 | <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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|     |            |    | (B) 12 years<br>(C) 9 years<br>(D) 10 years  |     |
| 102 | 17-12-2020 | 40 | Find a number such that when 15 is subtracted from 7 times the number, the result is 10 more than twice the number.<br>(A) 5<br>(B) 10<br>(C) 15<br>(D) 20 | (A) |
| 102 | 17-12-2020 | 41 | Which of the following joint have high corrosion resistance?<br>(A) Riveted Joint<br>(B) Bolted Joint<br>(C) Welded Joint<br>(D) None of the options       | (C) |
| 102 | 17-12-2020 | 42 | Double-U and Double-V butt welds are generally used for plate thickness?<br>(A) 1-5 mm<br>(B) 5-10 mm<br>(C) 10-15 mm<br>(D) Over 15 mm                    | (D) |
| 102 | 17-12-2020 | 43 | The temperature of the arc in arc welding is?<br>(A) 2000 Deg C<br>(B) 2600 Deg C<br>(C) 3000 Deg C<br>(D) 3600 Deg C                                      | (D) |

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| 102 | 17-12-2020 | 44 | <p>In arc welding, the three factors to be controlled to obtain satisfactory weld are?</p> <p>(A) Current, Voltage and Arc Length</p> <p>(B) Current, Arc Length and Speed of travel</p> <p>(C) Current, Voltage and Speed of travel</p> <p>(D) Voltage, Arc Length and Speed of travel</p> | (C) |
| 102 | 17-12-2020 | 45 | <p>The welding process used to join two thick plates in a single pass?</p> <p>(A) Gas metal arc welding (MIG)</p> <p>(B) Electroslag welding</p> <p>(C) Oxy-Acetylene welding</p> <p>(D) Gas tungsten arc welding (TIG)</p>   | (B) |
| 102 | 17-12-2020 | 46 | <p>Arc welding uses following electric supply?</p> <p>(A) A.C.</p> <p>(B) D.C.</p> <p>(C) A.C. &amp; D.C.</p> <p>(D) Spiral waveform</p>  | (C) |
| 102 | 17-12-2020 | 47 | <p>Which of the following is responsible for weld metal cracking?</p> <p>(A) Stress</p> <p>(B) Strain</p> <p>(C) Temperature conditions</p> <p>(D) Pressure conditions</p>  | (A) |
| 102 | 17-12-2020 | 48 | <p>If the welding speed in arc welding is too low, then it would result in __?</p> <p>(A) Excessive piling up of weld metal, poor penetration, wasted electrodes</p> <p>(B) Excessive spatter, under cutting along edges,</p>   | (D) |

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|     |            |    | <p>irregular deposits, wasted electrodes</p> <p>(C) Too small weld bead, weak weld and wasted electrodes</p> <p>(D) Excessive piling up of weld metal, overlapping without penetration of edges, wasted electrodes</p>  |     |
| 102 | 17-12-2020 | 49 | <p>The electrode material used in resistance welding is?</p> <p>(A) Carbon steel</p> <p>(B) Stainless steel</p> <p>(C) High speed steel</p> <p>(D) Copper</p>   | (D) |
| 102 | 17-12-2020 | 50 | <p>Which flame is suitable for cutting operations?</p> <p>(A) Oxidising flame</p> <p>(B) Carburizing flame</p> <p>(C) Neutral flame</p> <p>(D) None of the options</p>  | (A) |
| 102 | 17-12-2020 | 51 | <p>Which of the following is false for gas welding?</p> <p>(A) It is suitable for thin sheets</p> <p>(B) Heat affected zone and distortion are less as compared to arc welding</p> <p>(C) It is slower than arc welding</p> <p>(D) There are safety issues in storing and handling of the gases</p> | (B) |
| 102 | 17-12-2020 | 52 | <p>Which of the following is not used for backing in welding process?</p> <p>(A) ceramic backing</p> <p>(B) backing strip</p> <p>(C) strong back</p> <p>(D) copper shoe</p>   | (C) |

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| 102 | 17-12-2020 | 53 | <p>Which of the following metal requires pre-heating before welding?</p> <p>(A) Aluminium</p> <p>(B) cast iron</p> <p>(C) high speed steel</p> <p>(D) stainless steel</p>        | (B) |
| 102 | 17-12-2020 | 54 | <p>Stress relieving is done on what kind of jobs?</p> <p>(A) revetted joint</p> <p>(B) weld joint</p> <p>(C) soldering joint</p> <p>(D) brazed joint</p>                         | (B) |
| 102 | 17-12-2020 | 55 | <p>WPS stands for?</p> <p>(A) Welding Procedure Specification</p> <p>(B) Welding Practice Standard</p> <p>(C) Welding Procedure Standard</p> <p>(D) Welding Process Sequence</p> | (A) |
| 102 | 17-12-2020 | 56 | <p>Horizontal welding position is denoted as?</p> <p>(A) 1G</p> <p>(B) 2G</p> <p>(C) 3G</p> <p>(D) 4G</p>  | (B) |
| 102 | 17-12-2020 | 57 | <p>Which of the following is not a weld parameter?</p> <p>(A) current</p> <p>(B) voltage</p> <p>(C) gas flow</p>   | (C) |

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|     |            |    | (D) wire speed  |     |
| 102 | 17-12-2020 | 58 | Which of the following weld method have less fumes?<br>(A) SAW<br>(B) MMAW<br>(C) GMAW<br>(D) ROBOTIC WELDING | (A) |
| 102 | 17-12-2020 | 59 | Which of the following is an active gas?<br>(A) carbon dioxide<br>(B) argon<br>(C) helium<br>(D) Neon         | (A) |
| 102 | 17-12-2020 | 60 | Which of the following weld method has higher deposition rate?<br>(A) GMAW<br>(B) SAW<br>(C) OSW<br>(D) MMAW  | (C) |