<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Exam Date</th>
<th>Q Id</th>
<th>Questions</th>
<th>Answer Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>501</td>
<td>Who is the current Chairman of ISRO?</td>
<td>(C)</td>
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<td></td>
<td></td>
<td></td>
<td>(A) Satish Dhawan</td>
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<td></td>
<td></td>
<td></td>
<td>(B) G. Madhavan Nair</td>
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<td></td>
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<td>(C) K. Sivan</td>
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<td></td>
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<td>(D) Prof. U R Rao</td>
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<tr>
<td>106</td>
<td>19-10-2019</td>
<td>502</td>
<td>The film personality who has been awarded the DadaSaheb Phalke award for 2019 is</td>
<td>(D)</td>
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<td></td>
<td></td>
<td></td>
<td>(A) Kamal Haasan</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>(B) Rajesh Khanna</td>
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<td></td>
<td>(C) Satyajith Ray</td>
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<td></td>
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<td></td>
<td>(D) Amitabh Bachchan</td>
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<td>106</td>
<td>19-10-2019</td>
<td>503</td>
<td>The study of ancient societies is called</td>
<td>(A)</td>
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<td></td>
<td></td>
<td></td>
<td>(A) Archaeology</td>
<td></td>
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<td>(B) Ethnology</td>
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<td></td>
<td>(C) Anthropology</td>
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<td></td>
<td>(D) History</td>
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<td>106</td>
<td>19-10-2019</td>
<td>504</td>
<td>Which among following countries is without income tax?</td>
<td>(B)</td>
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<td></td>
<td></td>
<td></td>
<td>(A) Nepal</td>
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<td></td>
<td></td>
<td></td>
<td>(B) Kuwait</td>
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<td></td>
<td></td>
<td></td>
<td>(C) Burma</td>
<td></td>
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<td></td>
<td>(D) Singapore</td>
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<tr>
<td>106</td>
<td>19-10-2019</td>
<td>505</td>
<td>Which article in Indian constitution had given special status for the state of Jammu and Kashmir in terms of autonomy and its ability to formulate laws for the state's permanent residents?</td>
<td>(B)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>506</td>
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<td><strong>What is the tag-line of ‘Swachh Bharat Abhiyan’?</strong>&lt;br&gt; (A) Sabka Kadam Swachhata Ki Aur&lt;br&gt; (B) Har ek kadam Swachhata Ki Aur&lt;br&gt; (C) Ek Kadam Swachhata Ki Aur&lt;br&gt; (D) None of the options</td>
<td>(C)</td>
<td></td>
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<table>
<thead>
<tr>
<th>106</th>
<th>19-10-2019</th>
<th>507</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What is the full form of &quot;RADAR&quot;</strong>&lt;br&gt; (A) Radio Device and Ranging&lt;br&gt; (B) Region Device and Ranging&lt;br&gt; (C) Radio Detection and Ranging&lt;br&gt; (D) Radiation Detecting and Recording</td>
<td>(C)</td>
<td></td>
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<thead>
<tr>
<th>106</th>
<th>19-10-2019</th>
<th>508</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>India's 1st e- waste clinic shall be set up in</strong>&lt;br&gt; (A) Noida&lt;br&gt; (B) Pune&lt;br&gt; (C) Bhopal&lt;br&gt; (D) Gurugram</td>
<td>(C)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>106</th>
<th>19-10-2019</th>
<th>509</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Who won the Global Goal Keeper award 2019, an award by Bill and Melinda Gates Foundation?</strong>&lt;br&gt; (A) Donald Trump&lt;br&gt; (B) Narendra Modi&lt;br&gt; (C) Angela Merkel&lt;br&gt; (D) Vladimir Putin</td>
<td>(B)</td>
<td></td>
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</table>

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<tr>
<th>106</th>
<th>19-10-2019</th>
<th>510</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Which of the following chemicals is useful in</strong>&lt;br&gt; (A) article 344&lt;br&gt; (B) article 370&lt;br&gt; (C) article 345&lt;br&gt; (D) article 369</td>
<td>(B)</td>
<td></td>
</tr>
</tbody>
</table>
photography?
(A) Aluminium hydroxide
(B) Silver bromide
(C) Potassium nitrate
(D) Sodium chloride

| 106 | 19-10-2019 | 511 | Arrange in proper sequence to form a meaningful sentence
I have enclosed
[P]: and the postage
[Q]: a postal order
[R]: the price of books
[S] which will cover

(A) RPSQ
(B) QSRP
(C) QSPR
(D) QPSR

| 106 | 19-10-2019 | 512 | Choose the antonym of the word "AHEAD"
(A) Beneath
(B) Behind
(C) Against
(D) Backward

| 106 | 19-10-2019 | 513 | Find out whether there is any Grammatical error in below sentence. If yes, that part of the sentence shall be indicated as the answer among the given options:
I could not put up in the hotel / because the boarding and lodging charges / were exorbitant

(A) I could not put up in the hotel
(B) because the boarding and lodging charges
(C) were exorbitant
(D) No error
| 106 | 19-10-2019 | 514 | Fill up with the correct preposition:  
**The boy was cured ...... typhoid**  
(A) from  
(B) of  
(C) for  
(D) through | (B) |
| 106 | 19-10-2019 | 515 | Choose the correct indirect speech of the following  
'Reduce speed now' - , said notice  
(A) A notice said to reduce speed  
(B) A notice asked the motorists to reduce speed at once  
(C) A notice warned the motorists against speed then  
(D) A notice ordered reducing speed | (B) |
| 106 | 19-10-2019 | 516 | What is the correct meaning of the underlined phrase in the following sentence:  
I met him after a long time, but he gave me the cold shoulder.  
(A) scolded me  
(B) insulted me  
(C) abused me  
(D) ignored me | (D) |
| 106 | 19-10-2019 | 517 | Synonym of Flabbergasted  
(A) intense surprise  
(B) bored  
(C) impassive  
(D) unimpressed | (A) |
| 106 | 19-10-2019 | 518 | Select the correct sentence  
(A) He put out his coat  
| (D) |
Choose the option that completed the sentence most meaningfully and appropriately:

The e-commerce market has grown exponentially and evolved as a leading source of the much needed foreign __________ required by our country.

(A) institution

(B) affair

(C) investment

(D) tourist

Choose the correct alternative which can be substituted for the below given word/sentence:

'The person who knows everything'

(A) Omnipresent

(B) Omnipotent

(C) Omniscient

(D) Oblivious

PxQ means P is the sister of Q
P+Q means P is the father of Q
P-Q means P is the mother of Q
If SxM+T, then what is S to T

(A) uncle

(B) aunt

(C) nephew

(D) sister

In a queue, Ramesh is 13th from one end and 19th from the other end, then how many boys are there in the queue?
If every second Saturday and all Sundays are holidays in a 30 days month beginning on Saturday, then how many working days are there in that month?

- (A) 15
- (B) 18
- (C) 23
- (D) 25

A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all?

- (A) 14
- (B) 17
- (C) 16
- (D) 24

If alphabet series is given in backward or reverse order, then find out the eighth letter to the right of O?

- (A) G
- (B) H
- (C) U
- (D) X

Find the missing number in the series 5, 25, 7,______, 9, 19

- (A) 23
- (B) 25
In a certain code, SOBER is written as RNADQ. How LOTUS can be written in that code?

(A) KNSTR  
(B) MPUWT  
(C) KMSTR  
(D) LMRST

(A)

Namita walks 14 metres towards west, then turns to her right and walks 14 metres and then turns to her left and walks 10 metres. Again turning to her left she walks 14 metres. What is the shortest distance between her starting point and the present position?

(A) 10  
(B) 24  
(C) 28  
(D) 38

(B)

Window is to pane as book is to

(A) Novel  
(B) Glass  
(C) Cover  
(D) Page

(D)

Fill in the series:

SCD, TEF, UGH, ____, WKL

(A) CMN  
(B) UJI  
(C) VIJ  
(D) IJT

(C)
<table>
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<tr>
<th>Question Number</th>
<th>Date</th>
<th>Time</th>
<th>Description</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>531</td>
<td>19-10-2019</td>
<td>531</td>
<td>A towel, when bleached, lost 20% of its length and 10% of its breadth. What is the percentage decrease in area?</td>
<td>(B)</td>
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<td></td>
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<td></td>
<td>(A) 30%</td>
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<td>(B) 28%</td>
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<td></td>
<td>(C) 32%</td>
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<td></td>
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<td>(D) 26%</td>
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<tr>
<td>532</td>
<td>19-10-2019</td>
<td>532</td>
<td>Walking at the rate of 4 kmph a man cover certain distance in 2 hr 45 min. Running at a speed of 16.5 kmph the man will cover the same distance in</td>
<td>(C)</td>
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<td></td>
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<td>(A) 12 Min</td>
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<td>(B) 25 Min</td>
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<td></td>
<td>(C) 40 Min</td>
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<td></td>
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<td>(D) 60 Min</td>
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<td>533</td>
<td>19-10-2019</td>
<td>533</td>
<td>In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was</td>
<td>(B)</td>
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<td></td>
<td>(A) 2500</td>
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<td></td>
<td></td>
<td></td>
<td>(B) 2700</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>(C) 2900</td>
<td></td>
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<td></td>
<td>(D) 3100</td>
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<td>534</td>
<td>19-10-2019</td>
<td>534</td>
<td>15 members can complete a work in 12 days. How many more members are needed to complete this work in 9 days?</td>
<td>(C)</td>
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<td></td>
<td></td>
<td></td>
<td>(A) 18</td>
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<td>(B) 3</td>
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<td>(C) 5</td>
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<td></td>
<td>(D) 20</td>
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<tr>
<td>535</td>
<td>19-10-2019</td>
<td>535</td>
<td>What principle will amount to INR 570 at 4% per annum simple interest in 3.5 years?</td>
<td>(C)</td>
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<tr>
<td>Question</td>
<td>Options</td>
<td>Answer</td>
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<tr>
<td>Which of the following number should be added to the number 11158 to make it exactly divisible by 77?</td>
<td>(A) 9</td>
<td>(D)</td>
<td></td>
<td></td>
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<tr>
<td>The breadth of a rectangular plot is one third of its length. If the perimeter of the plot is 240 metres, what is the length of the plot?</td>
<td>(A) 80</td>
<td>(D)</td>
<td></td>
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<tr>
<td>Two numbers are in the ratio 2 : 3. If their L.C.M. is 48, what is sum of the numbers?</td>
<td>(A) 28</td>
<td>(B)</td>
<td></td>
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<tr>
<td>In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?</td>
<td>(A) 6.25</td>
<td>(A)</td>
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<tr>
<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>(D) 5</td>
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<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>Ramesh's age after 15 years will be 5 times his age 5 years back. What is the current age of Ramesh?</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>(A) 15</td>
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<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>(B) 14</td>
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<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>(C) 10</td>
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<td>106</td>
<td>19-10-2019</td>
<td>540</td>
<td>(D) 7</td>
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<td>106</td>
<td>19-10-2019</td>
<td>541</td>
<td>Which of the following is not a component of reciprocating IC engine?</td>
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<td>541</td>
<td>(A) piston</td>
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<td>106</td>
<td>19-10-2019</td>
<td>541</td>
<td>(B) cylinder</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>541</td>
<td>(C) crank shaft</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>541</td>
<td>(D) stuffing box</td>
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<td>106</td>
<td>19-10-2019</td>
<td>542</td>
<td>Diesel engines have compression ratio usually between</td>
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<td>106</td>
<td>19-10-2019</td>
<td>542</td>
<td>(A) 6 to 10</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>542</td>
<td>(B) 10 to 13</td>
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<td>106</td>
<td>19-10-2019</td>
<td>542</td>
<td>(C) 15 to 20</td>
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<td>(D) 19 to 24</td>
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<td>106</td>
<td>19-10-2019</td>
<td>543</td>
<td>The clutch is located between the gear box and the</td>
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<td>106</td>
<td>19-10-2019</td>
<td>543</td>
<td>(A) Engine</td>
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<td>106</td>
<td>19-10-2019</td>
<td>543</td>
<td>(B) Rear axle</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>543</td>
<td>(C) Propeller shaft</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>543</td>
<td>(D) Differential</td>
<td></td>
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<tr>
<td>106</td>
<td>19-10-2019</td>
<td>544</td>
<td>The phenomenon of weld decay occurs in</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>544</td>
<td>(A) Cast iron</td>
<td></td>
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<td>106</td>
<td>19-10-2019</td>
<td>544</td>
<td>(B) Brass</td>
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<td>106</td>
<td>19-10-2019</td>
<td>544</td>
<td>(D)</td>
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</tbody>
</table>
The ability of a material to absorb energy in the plastic range is called

(A) Resilience
(B) Creep
(C) Fatigue strength
(D) Toughness

The casting produced by forcing molten metal under pressure into permanent is known as

(A) Permanent mould casting
(B) Slush casting
(C) Die casting
(D) Centrifugal casting

All of the following are intensive properties of a system, except

(A) Viscosity
(B) Temperature
(C) Potential energy
(D) Density

What is the air standard cycle for a Gas-Turbine called?

(A) Reheat cycle
(B) Rankine cycle
(C) Brayton cycle
(D) Diesel cycle

At 100% RH, wet bulb temperature is

(A) more than dry bulb temperature
1. **Psychrometry** refers to
   (A) Properties of liquid refrigerant
   (B) Properties of water
   (C) Properties of moist air
   (D) Properties of hot water

2. When a rectangular cantilever beam is loaded transversely the maximum tensile stress is developed on the
   (A) top layer
   (B) bottom layer
   (C) neutral axis
   (D) every cross-section

3. When a shaft is subjected to a twisting moment, every cross-section of the shaft will be under
   (A) tensile stress
   (B) compressive stress
   (C) shear stress
   (D) bending stress

4. **In Electrolux refrigerator**
   (A) ammonia is absorbed in hydrogen
   (B) ammonia is absorbed in water
   (C) ammonia evaporates in hydrogen
   (D) hydrogen evaporates in ammonia

5. The hot working of metals is carried out
   (A) at the recrystallisation temperature
   (B) at the melting point
   (C) at the red hot temperature
   (D) at the cold-worked temperature
The recrystallisation temperature of steel is
(A) 400° C
(B) 600° C
(C) 800° C
(D) None of the options

Cast iron and steel pipes are produced by
(A) slush casting
(B) investment casting
(C) true centrifugal casting
(D) die casting

Oxy-acetylene gas used in gas welding produce a flame temperature of
(A) 1800°C
(B) 2100°C
(C) 2400°C
(D) 3200°C

In submerged arc welding, an arc is produced between a
(A) carbon electrode and the work
(B) metal electrode and the work
(C) bare metal electrode and the work
(D) two tungsten electrodes and the work

During painting, high humid and extreme hot conditions cause
(A) Cracking

(B) below recrystallisation temperature
(C) above recrystallisation temperature
(D) all of the options
| 106 | 19-10-2019 | 560 | (B) Sagging & runs  
(C) Surface discolouration  
(D) Wrinkling |
|------|------------|-----|---------------------|
|      |            |     | A fixture is defined as a device which  
(A) holds and locates a workpiece and guides and controls one or more cutting tools  
(B) holds and locates a workpiece during an inspection or for a manufacturing operation  
(C) is used to check the accuracy of work piece  
(D) all of the options |
| 106 | 19-10-2019 | 561 | (B) up milling  
(B) down milling  
(C) forming  
(D) broaching |
|      |            |     | The process of removing metal by pushing or pulling a cutting tool is called |
| 106 | 19-10-2019 | 562 | (B) Environment management  
(C) Health and safety management  
(D) all of the options |
|      |            |     | ISO 14001 standard relates to |
| 106 | 19-10-2019 | 563 | (B) up milling  
(B) down milling  
(C) forming  
(D) broaching |
|      |            |     | The process of removing metal by pushing or pulling a cutting tool is called |
| 106 | 19-10-2019 | 564 | (B) Environment management  
(C) Health and safety management  
(D) all of the options |
|      |            |     | ISO 14001 standard relates to |
| 106 | 19-10-2019 | 565 | (B) Environment management  
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(D) all of the options |
|      |            |     | ISO 14001 standard relates to |
| 106 | 19-10-2019 | 566 | (B) Environment management  
(C) Health and safety management  
(D) all of the options |
|      |            |     | ISO 14001 standard relates to |
| 106 | 19-10-2019 | 565 | Which of the following is the lightest and most volatile liquid fuel? (A) diesel (B) kerosene (C) fuel oil (D) gasoline |
| 106 | 19-10-2019 | 566 | If petrol is used in a diesel engine, then (A) higher knocking will occur (B) efficiency will be low (C) low power will be produced (D) black smoke will be produced |
| 106 | 19-10-2019 | 567 | Which of the following is non-destructive test? (A) tensile test (B) impact test (C) charpy test (D) radiography test |
| 106 | 19-10-2019 | 568 | In inventory control, the economic order quantity is the (A) optimum lot size (B) highest level of inventory (C) lot corresponding to break-even point (D) capability of a plant to produce |
| 106 | 19-10-2019 | 569 | Which heat treatment is characterized by (C) |
| 106 | 19-10-2019 | 570 | holding the part at the austenitizing temperature for some time and then slow cooling in the furnace?  
(A) Normalizing  
(B) Quenching  
(C) Annealing  
(D) Stress relief |
|---|---|---|---|
| 106 | 19-10-2019 | 570 | Compression ratio of I.C. engine is  
(A) The ratio of volumes of air in cylinder before compression stroke and after compression  
(B) Volume displaced by piston per stroke and clearance volume in cylinder  
(C) Ratio of pressure after compression and before compression  
(D) Ratio of air and fuel |
| 106 | 19-10-2019 | 571 | Centrifugal pumps transport fluids by converting  
(A) Kinetic energy to hydrodynamic energy  
(B) Hydrodynamic energy to kinetic energy  
(C) Mechanical energy to kinetic energy  
(D) Mechanical energy to Hydrodynamic energy |
| 106 | 19-10-2019 | 572 | Single-V and single-U butt welds are used for sheets of thickness  
(A) upto 10mm  
(B) 5-15mm  
(C) 10-20mm  
(D) 15-25mm  
Question Withdrawn |
| 106 | 19-10-2019 | 573 | ‘Buffer stock’ is the level of stock  
(A) Half of the actual stock  
(B) At which the ordering process should start  
(C) |
<table>
<thead>
<tr>
<th>Question</th>
<th>Date</th>
<th>Time</th>
<th>Answer</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>(C) Minimum stock level below which actual stock should not fall</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>574</td>
<td>(D) Maximum stock in inventory</td>
</tr>
<tr>
<td>Which of the following refrigerant has the lowest boiling point?</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>574</td>
<td>(C) Freon 12</td>
</tr>
<tr>
<td>Young's modulus is defined as the ratio of</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>575</td>
<td>(C) Longitudinal stress and longitudinal strain</td>
</tr>
<tr>
<td>Electrodes used in spot welding are made up of which material?</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>576</td>
<td>Question Withdrawn</td>
</tr>
<tr>
<td>Which of the following pumps is used to pump highly viscous fluid?</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>577</td>
<td>(C) gear pump</td>
</tr>
<tr>
<td>Brass is an alloy of</td>
<td>11/1/2019</td>
<td>19-10-2019</td>
<td>578</td>
<td>(A) Copper and zinc</td>
</tr>
</tbody>
</table>
(B) Copper and tin
(C) Copper, tin and zinc
(D) None of the options

The following welding process uses consumable electrodes:

(A) TIG
(B) MIG
(C) Thermit
(D) Gas

The neutral axis of a beam is subjected to……….. stress

(A) zero
(B) maximum tensile
(C) minimum tensile
(D) maximum compressive

Structural sections such as rails, angles, I-Beams are made by

(A) hot rolling
(B) hot drawing
(C) hot piercing
(D) hot extrusion

Brass and bronze are welded by

(A) None of the options
(B) oxidising
(C) carburising
(D) either oxidising or carburising

Gantt chart is used for

(A) inventory control
(B) project management
(C) time management
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Time</th>
<th>Question</th>
<th>Options</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>584</td>
<td>The thorough cleaning of work place is called</td>
<td>(A) seiri, (B) seiton, (C) seiso, (D) shitsuke</td>
<td>(C)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>585</td>
<td>Which of the following materials has more shrinkage allowance?</td>
<td>(A) cast iron, (B) brass, (C) lead, (D) Aluminium alloy</td>
<td>(C)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>586</td>
<td>Seam Welding is</td>
<td>(A) arc welding, (B) multi spot welding, (C) continuous spot welding, (D) gas welding</td>
<td>(C)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>587</td>
<td>Dew point is</td>
<td>(A) the temperature at which condensation of steam in saturated air will start, (B) the lowest attainable temperature for a mixture of air and steam, (C) dependent on pressure of air, (D) used in connection with air conditioning</td>
<td>(A)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>588</td>
<td>In a simple bending of beams, the stress in the beam varies</td>
<td>(A) linearly</td>
<td>(A)</td>
</tr>
</tbody>
</table>
(B) parabolically
(C) hyperbolically
(D) elliptically

Mild steel can be converted into high carbon steel by using which of the following processes?
(A) Annealing
(B) Normalizing
(C) Case hardening
(D) Ausforming

Freon group of refrigerants are
(A) Inflammable
(B) Toxic
(C) Non-inflammable and toxic
(D) Nontoxic and non-inflammable

The mass flow rate of air compressed in axial flow compressor is _____________centrifugal compressor
(A) lower than
(B) higher than
(C) same as
(D) unpredictable

The following is a type of scheduled maintenance:
(A) Overhauling of machine
(B) Cleaning of tank
(C) Whitewashing of building
(D) all of the options

Which of the following is not a positive
<table>
<thead>
<tr>
<th>#</th>
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<th>Options</th>
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</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>594</td>
<td>Displacement pump?</td>
<td>(A) Reciprocating pump (B) vane pump (C) screw pump (D) centrifugal pump</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>594</td>
<td>The accuracy of micrometers, calipers, dial indicators can be checked by a</td>
<td>(A) feeler gauge (B) slip gauge (C) ring gauge (D) plug gauge</td>
<td>(B)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>595</td>
<td>Steels are primarily designated according to</td>
<td>(A) iron content (B) carbon content (C) alloying elements (D) tensile strength</td>
<td>(C)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>596</td>
<td>Hooke's law holds good up to</td>
<td>(A) yield point (B) limit of proportionality (C) breaking point (D) elastic limit</td>
<td>(B)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>597</td>
<td>For 4-stroke IC engine running at 2000rpm, its camshaft is running at</td>
<td>(A) 400 rpm (B) 2000 rpm (C) 1000 rpm (D) 500 rpm</td>
<td>(C)</td>
</tr>
<tr>
<td>106</td>
<td>19-10-2019</td>
<td>598</td>
<td>Loam sand is a mixture of</td>
<td></td>
<td>(B)</td>
</tr>
</tbody>
</table>
(A) 30% sand and 70% clay  
(B) 50% sand and 50% clay  
(C) 70% sand and 30% clay  
(D) 90% sand and 10% clay

Aeroplanes employ ............ type of compressor  
(A) radial flow  
(B) axial flow  
(C) centrifugal  
(D) None of the options

To measure a very high resistance, we should use ............  
(A) Kelvin’s double bridge  
(B) Wheat stone bridge  
(C) Megger  
(D) None of the options