## CORRECTION FOR B1 QUESTIONS

| $\begin{gathered} \text { ITEM } \\ \text { NO. } \end{gathered}$ | $\begin{aligned} & \hline \text { MODULE } \\ & \text { NO. } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { QUESTION } \\ \text { NO. } \\ \hline \end{gathered}$ | CORRECTIONS |
| :---: | :---: | :---: | :---: |
| 1 | M. 01 | 12 30 41 50 77 90 100 104 116 147 | Correct question to A rectangle $11 \mathrm{cmX120} \mathrm{~cm}$. what is its area in $\mathbf{m}^{2}$. <br> Correct answer is <br> a) $11.46 \mathrm{sq} . \mathrm{cm}$. <br> Correct answer is <br> c) $\mathrm{L}=\mathrm{X} / 2 \mathrm{~b}$ <br> Correct answer is <br> c) 601 lb .ins <br> Correct answer is <br> c) $6280 \mathrm{~cm}^{3}$ <br> Correct answer is <br> a) $57.5^{\circ}$ <br> Correct question to <br> What is the volume of a cuboid? <br> Correct answer is <br> b) Radius <br> Correct answer is <br> a) $6628000 \mathrm{~cm}^{3}$ <br> Correct answer is <br> c) $1264.51 \mathrm{~cm}^{2}$ |
| 2 | M. 02 | $\begin{array}{r} 23 \\ 149 \\ 283 \end{array}$ | Correct answer is b) Pentavalet <br> Correct answer is c) 60 lb.ins <br> Correct answer is a) Convex mirror |
| 3 | M. 03 | $\begin{gathered} \hline 3 \\ 80 \\ \\ 99 \\ 106 \\ \\ 122 \\ 136 \\ 141 \\ 156 \\ 181 \\ 184 \\ 289 \end{gathered}$ | $\left.\begin{array}{ll}\text { Correct answer is } & \begin{array}{l}\text { a) The relative permittivity of dielectric is } \\ \text { In relation to vacuum. }\end{array} \\ \text { Correct question to } \\ \text { The diagram shows a } 200 \mathrm{~V} \text { alonge } \\ \text { Shunt generator. What is the voltage } \\ \text { Dropped across the series resistor. }\end{array}\right\}$Correct answer is b) Anode <br> Correct answer is a) Excessive current draw from the <br> Battery  <br> Correct answer is b) 150,000 <br> Correct answer is b) Increased <br> Correct answer is b) Cathode to anode <br> Correct answer is b) 150,000 <br> Correct answer is a) Increases <br> Correct answer is c) Contained in the nucleus of all atoms <br> Correct answer is c) The same as the next main pole <br>  Ahead in the direction of rotation |
| 4 | M. 05 | $\begin{array}{r} 9 \\ 162 \\ 171 \\ 176 \\ 260 \\ 263 \end{array}$ | Correct question toconvert (011101)2 to octal <br> Second 162 question omitted <br> Correct answer isCorrect answer is boolean algebra <br> Correct answer is b) 59 <br> Correct answer is gate b) 129 |
| 5 | M. 06 | $\begin{gathered} \hline 44 \\ 88 \\ 94 \\ 139 \\ 177 \end{gathered}$ | Correct answer is <br> Correct answer is <br> Correct answer is <br> Change answer c <br> Correct answer is <br> b) Temperature above $120^{\circ} \mathrm{c}$ <br> a) D embossed <br> c) 30 mm <br> to Hardning <br> a) 0.3-0.5 \% |
| 6 | M. 07 | 55 72 86 95 107 161 180 182 209 230 233 | Correct answer is b) 32 <br> Correct answer is b) Check the aircraft symmetry <br> Correct answer is a) use the same lubricant as was <br> Correct answer is Used on the drill bit. <br> a) 26  <br> Correct answer is a) General arrangement <br> Correct answer is <br>  <br> a) Three, two-dimensional views of an <br> Correct answer is <br> object  <br> Correct answer is ahould not be removed <br> Correct answer is b) A broaching process <br> Correct answer is c) 10.337 <br>  c) A special countersink bit with a <br> pad to prevent drilling too deep <br>  should be used.  <br> Correct answer is c) Thread and shank not lubricated. |

\begin{tabular}{|c|c|c|c|c|}
\hline 6 \& M. 07 \& 273
285
298
317

328
396
404
408

432 \& \begin{tabular}{l}
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Correct answer is Correct answer is Correct answer is <br>
Correct answer is Correct answer is Correct answer is <br>
Should be omitted Correct answer is

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a) Defect parallel to the long axis of the part. <br>
a) 0.250 " <br>
a) 0.334 ins. <br>
a) Apply pressure on the forward Stroke, only, except when filing Very soft metal such as lead or aluminum <br>
a) From external threads <br>
a) The commander of the aircraft. <br>
c) Basic weight, variable load, Disposable load. Fuel load. <br>
b) Below the side elevation.
\end{tabular} <br>

\hline 7 \& M. 08 \& \[
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\begin{aligned}
& 15 \\
& 38 \\
& 42 \\
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& 68 \\
& 93 \\
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& 99 \\
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& 121 \\
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& \hline 144 \\
& 146 \\
& 175 \\
& 206 \\
& 208 \\
& 224 \\
& 228 \\
& 241 \\
& 245
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| Correct answer is Correct answer is | \& | a) proportional with a decrease in Temperature. |
| :--- |
| c) Parallel with the vertical axis but Not the longitudinal axis |
| a) Velocity decreases, pressure and Density increase ( lack of picture) |
| a) Is greater than that for level flight at the same airspeed. |
| c) Setting the mean sea level atmospheric pressure in accordance with ICAO standard atmosphere i.e. 1013 mil-bar |
| b) When profile drag equal induced drag |
| b) $75 / 0.87$ |
| c) Longitudinal instability |
| b) Induced drag |
| c) Mass X gravity |
| Airflow over the upper surface of the wing generally |
| c) Span to mean chord |
| b) 35 parts of dry air and 65 parts Of water vapor. |
| c) Absolute humidity |
| a) Air flow under the wing spanwise towards the tip and on top of the wing span-wise towards the root. | <br>

\hline 8 \& M. 09 \& \[
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\begin{aligned}
& 31 \\
& 71
\end{aligned}
$$

\] \& Correct answer is Correct answer is \& | a) Software |
| :--- |
| a) $\mathbf{2 4}$ hours time scale. | <br>

\hline 9 \& M. 10 \& 19 \& Correct answer is \& d) used by an operating for which IR. Iran ensure oversight of operation <br>
\hline 10 \& M. 11 \& 255 \& Correct question to \& A skydrol hydraulic Seal would be made of <br>

\hline 11 \& M. 15 \& | Add. |
| :--- |
| 284 |
| 433 |
| 632 |
| 653 | \& \multicolumn{2}{|l|}{| Attached pages(15-57 and 15-58) Should be added into the Question booklet. |
| :--- |
| Should be omitted |
| Correct answer is |
| d) All the above answer are correct |
| Correct answer is |
| d) A and B are correct |
| Correct answer is |
| c) No ignition is necessary Because combustion is Self sustaining. |} <br>

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\end{tabular}

| 12 | M. 16 | 154 <br> 156 <br>  <br> 158 <br> 194 <br> 196 <br> 198 <br> 201 <br> 202 <br> 206 <br> 230 <br> 254 <br> 258 <br> 253 <br> 321 <br> 360 <br> 368 <br> 391 <br> 396 <br> 424 | Correct answer is <br> Correct answer is <br> Correct answer is Correct answer is Correct answer is Correct answer is Correct answer is Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is <br> Correct answer is Correct answer is Correct answer is Correct answer is | a) The valves are opened by spring and closed by cam <br> b) On opposed engine, the crank shaft rotates at half cam shaft <br> d) All the answers are wrong. <br> a) 6 <br> b) Indicated horsepower <br> c) Breather <br> b) Pre-ignition <br> c) Causes better scavenging of exhaust gases <br> b) May be internally or Externally driven. <br> b) Decreasing the density of The charge delivered to the cylinders <br> c) To cut off the idle mixture Flow. <br> a)Bellows expansion closes the valve <br> b) Fuel and air is drawn Through a jet outlet Forward of venture. <br> a) Spark plug nearest the Intake valve will fire first. <br> b) May have a motor to Facilitate cleaning at flight <br> b) Low oil pressure. <br> d) All the answers are correct <br> d) Provide sludge chambers. <br> b) Are cause for rejection of Cylinder. |
| :---: | :---: | :---: | :---: | :---: |
| 13 | M. 17 | $\begin{aligned} & 182 \\ & 220 \end{aligned}$ | Correct answer is Correct answer is | c) Effective pitch <br> c) Fresh water. |

