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| **ASSIGNMENT** | |
| **Course Code** | ESC106A |
| **Course Name** |  |
| **Programme** |  |
| **Department** |  |
| **Faculty** |  |

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| --- | --- |
| **Name of the Student** |  |
| **Reg. No** |  |
| **Semester/Year** |  |
| **Course Leader/s** |  |

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| **Declaration Sheet** | | | | | | | | |
| Student Name |  | | | | | | | |
| Reg. No |  | | | | | | | |
| Programme |  | | | | | Semester/Year |  | |
| Course Code |  | | | | | | | |
| Course Title |  | | | | | | | |
| Course Date |  | | to | |  | | | |
| Course Leader |  | | | | | | | |
| **Declaration**  The assignment submitted herewith is a result of my own investigations and that I have conformed to the guidelines against plagiarism as laid out in the Student Handbook. All sections of the text and results, which have been obtained from other sources, are fully referenced. I understand that cheating and plagiarism constitute a breach of University regulations and will be dealt with accordingly. | | | | | | | | |
| Signature of the Student | |  | | | | | Date |  |
| Submission date stamp  (by Examination & Assessment Section) | |  | | | | | | |
| Signature of the Course Leader and date | | | | Signature of the Reviewer and date | | | | |
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|  |  |  |
| --- | --- | --- |
| **Symbol** | **Description** | **Units** |
| A | Current | Amp |
| g | Acceleration due to gravity - 9.81 | m/s2 |
| V | Voltage | Volts |
| w | Width | mm |
|  |  |  |

< Arrange in alphabetical order>

# **Question No. 1**

**Solution to Question No. 1:**

## 1.1 Overview:

Overview to the question (students are expected to give a brief introduction to the context on which the question is set, applications, limitations, new developments happening and students own views on the question and the paragraph should not exceed 200 words and references should be cited and it should be authored by the students means to say students should not be borrowing sentences as they are from any referred literature)

## 1.2 Solution to the question:

Students are expected to provide the solution to the question considering the points mentioned in the marking scheme of the assignment question

## 1.3 Discussions /Suggestions/Views/Recommendations

Students are expected to discuss the solutions obtained in section 1.2 and present their views/suggestions/recommendations (not to exceed 150 words)

## 1.4 Conclusions

Students are expected to draw conclusions based on the discussions and suggestions (not to exceed 100 words)

# **Question No. 2**

**Solution to Question No. 2:**

## 2.1 Overview:

Overview to the question (students are expected to give a brief introduction on the context on which the question is set, applications, limitations, new developments happening and students own views on the question and the paragraph should not exceed more than 200 words and references should be cited and it should be authored by the students means to say students should not be borrowing sentences as they are from any referred literature)

## 2.2 Solution to the question:

Students are expected to provide the solution to the question considering the points mentioned in the marking scheme of the assignment question

## 2.3 Discussions /Suggestions/Views/Recommendations

Students are expected to discuss the solutions obtained in section 1.2 and present their views/suggestions/recommendations (not to exceed 150 words)

## 2.4 Conclusions

Students are expected to draw conclusions based on the discussions and suggestions (not to exceed 100 words)

# **Question No. 3**

**Solution to Question No. 3:**

## 3.1 Overview:

Overview to the question (students are expected to give a brief introduction on the context on which the question is set, applications, limitations, new developments happening and students own views on the question and the paragraph should not exceed more than 200 words and references should be cited and it should be authored by the students means to say students should not be borrowing sentences as they are from any referred literature)

## 3.2 Solution to the question:

Students are expected to provide the solution to the question considering the points mentioned in the marking scheme of the assignment question

## 3.3 Discussions /Suggestions/Views/Recommendations

Students are expected to discuss the solutions obtained in section 1.2 and present their views/suggestions/recommendations (not to exceed 150 words)

## 3.4 Conclusions

Students are expected to draw conclusions based on the discussions and suggestions (not to exceed 100 words)

# **Question No. 4**

**Solution to Question No. 4:**

## 4.1 Overview:

Overview to the question (students are expected to give a brief introduction on the context on which the question is set, applications, limitations, new developments happening and students own views on the question and the paragraph should not exceed more than 200 words and references should be cited and it should be authored by the students means to say students should not be borrowing sentences as they are from any referred literature)

## 4.2 Solution to the question:

Students are expected to provide the solution to the question considering the points mentioned in the marking scheme of the assignment question

## 4.3 Discussions /Suggestions/Views/Recommendations

Students are expected to discuss the solutions obtained in section 1.2 and present their views/suggestions/recommendations (not to exceed 150 words)

## 4.4 Conclusions

Students are expected to draw conclusions based on the discussions and suggestions (not to exceed 100 words)

# **Question No. 5**

**Solution to Question No. 5:**

## 5.1 Overview:

Overview to the question (students are expected to give a brief introduction on the context on which the question is set, applications, limitations, new developments happening and students own views on the question and the paragraph should not exceed more than 200 words and references should be cited and it should be authored by the students means to say students should not be borrowing sentences as they are from any referred literature)

## 5.2 Solution to the question:

Students are expected to provide the solution to the question considering the points mentioned in the marking scheme of the assignment question

## 5.3 Discussions /Suggestions/Views/Recommendations

Students are expected to discuss the solutions obtained in section 1.2 and present their views/suggestions/recommendations (not to exceed 150 words)

## 5.4 Conclusions

Students are expected to draw conclusions based on the discussions and suggestions (not to exceed 100 words)

**Bibliography**

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1. Kinicki and Williams Irwin. (2008) *Management*, McGraw Hill.
2. Decenzo David and Robbin Stephen A. (1996) *Personnel and Human Reasons Management*, Prentice Hall of India.
3. J.A.F. Stoner, Freeman R. E and Daniel R Gilbert. (2004) *Management*, 6th Edition, Pearson Education.
4. Fraidoon Mazda. (2000) *Engineering Management*, Addison Wesley.

All referencing, bibliography needs to be done as described in the following article:

<http://www.msruas.ac.in/pdf_files/VCBlogs/Academic%20Good%20Practices.pdf>

***Guidelines for writing the report***

Font and Font size of the text: Calibri, 11

Line Spacing: 1.5, Justified

All mathematical equations be edited using Microsoft Equation Editor

All figures, tables, equations taken from reference material be cited

1. **Inserting a table**

Title of the table should be at the top of the table and be left justified with ref to table

**Table 1.1 Properties of Air at Low Pressure [Ref.]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **T (K)** | **h (J/kg)** | **p (atm)** | **u (J/kg)** | **φ (J/kg K)** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |

[Note: the table should be centered w.r.t the page width. Use suitable SI units]

**Referring to a table in the text:**

The data is tabulated as shown in Table 1.1.

[Note: Please do not write as *“As shown below”* or *“As shown above”*]

1. **Inserting a figure, a photo or screen shot**

The figure should be sufficiently large and legible. It should be centered w.r.t the page width.

Figure

Figure 2.1 Machining Process [Ref.]

Title of the Figure should be at the bottom of the figure and be left justified. The reference must be quoted.

**Referring to a figure in the text:**

The machine is shown in Figure 7.1

[Note: Please do not write as *“As shown below”* or *“As shown above”*]

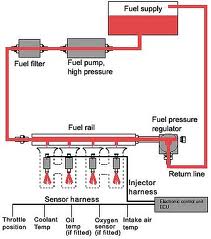


Figure 7.1 The Wonder Machine [2]

**[5]….. reference number; this should be quoted in the References.**

1. **Quoting the references in the text**

According to Kestin[5], “ the science of thermodynamics is a branch of physics. It describes natural processes in which changes in temperature play an important part. Such as the …………………………..”

1. **The Appendix if any should be the last section in the report.**