



DEPARTMENT OF MECHANICAL ENGINEERING

MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DTM-351 Theory of Machines

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your Hod within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

a) Differentiate between Governor & flywheel.

गति आधिनियंत्रक और गतिपाल पहिया के बीच अंतर करें।

b) Derive an expression for Watt Governor.

वाट गति आधिनियंत्रक के लिए अभिव्यक्ति निकाले।

Q.2

a) Derive an expression for Engine Mechanism.

इंजन तंत्र के लिए अभिव्यक्ति निकाले।

b). Derive an expression for natural frequency for free longitudinal vibrations.

मुक्त अनुदैर्ध्य कंपन के प्राकृतिक आवृत्ति के लिए अभिव्यक्ति निकाले।



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DIE-352, Industrial Engineering & Safety

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your HoD within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

(a) What is inspection? Define its planning & its objectives.

(a) निरीक्षण क्या है? इसकी योजना एवं इसके उद्देश्यों को परिभाषित करें।

(b) What is work study and its application in industry

(b) कार्य अध्ययन क्या है तथा इसकी उद्योग में उपयोग का वर्णन करें?

Q.2

(a) Define operation process chart with summary.

(a) सारांश के साथ आपरेशन प्रक्रिया चार्ट को परिभाषित करें।

(b) Define performance rating.

(b) रेटिंग प्रदर्शन को परिभाषित करें।



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DMT-353 Machine Tool Technology & Maintenance

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your HoD within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q.1

(a) Describe the different type of cutting tool material.

(a) काटने के उपकरण सामग्री के विभिन्न प्रकार का वर्णन करो।

(b) Describe the different parts of lathe machine with neat sketch.

(b) साफ स्केच के साथ खराद मशीन के विभिन्न भागों का वर्णन करें।

Q.2

(a) Describe different type of operations which are performed on lathe machine.

(a) खराद मशीन पर किया हुआ विभिन्न प्रकार ऑपरेशन का वर्णन करो।

(b) Describe the following.

(I) sawing operation.

(I) काटने का कार्य संचालन

(II) Mandrel.

(II) खरादकाधुरा

(III) Feed.

(III) फीड

(IV) Cutting speed.

(IV) काटने की गति



DEPARTMENT OF MECHANICAL ENGINEERING

MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DIM-354, INDUSTRIAL MANAGEMENT AND ENTREPRENEURSHIP DEVELOPMENT

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your HoD within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
4. Each question's part carries 5 marks.

Q1- What is Motivation? Explain.

Q1- प्रेरणा क्या है ? समझाओ।

Q2- Explain the following: -

- a) Factors Determining Motivation.
- b) Positive & Negative Motivation
- c) Methods for Improving Motivation.
- d) Incentive, Pay promotion and rewards.

Q2- निम्नलिखित समझाओ: -

- क) प्रेरणा कारकों का निर्धारण।
- ख) सकारात्मक और नकारात्मक प्रेरणा।
- ग) प्रेरणा में सुधार के लिए तरीके।
- घ) प्रोत्साहन, वेतनपदोन्नति और पुरस्कार।



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DAT-355 Automobile Engine (Only for Automobile Engineering Students)

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your Hod within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
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Q.1

a) Explain Cone clutch with neat sketch.

शंकुक्लच को स्केच के साथ समझाओ।

b) What do you understand by lubrication? Explain its type with example.

आप स्नेहन से क्या समझते हैं? उदाहरण के साथ अपने प्रकार की व्याख्या करें।

Q.2

a) Explain Disc brake with neat sketch.

डिस्क ब्रेक स्केच के साथ समझाओ।

b).What do you understand by Hydraulic brake, explain it with neat sketch.

आप हाइड्रोलिक ब्रेक से क्या समझते हैं? स्केच के साथ समझाओ।



DEPARTMENT OF MECHANICAL ENGINEERING
MONAD UNIVERSITY, HAPUR

Dated:-30/09/2016

Course: DPT-355, Production Technology – I (Only For Production Technology Students)

Assignment No: 1

Due date of submission: 10/11/2016

Instructions

1. Write the responses to the assignment in your own handwriting & don't copy from other's assignment.
2. Submit the responses to your HoD within due date.
3. Write your name, programme, and Enrollment no. clearly at the top of the page.
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Q.1

(a) Give the classification of manufacturing process.

(a) विनिर्माण प्रक्रिया के वर्गीकरण दीजिए।

(b) Give the classification of Press.

(b) प्रेस के वर्गीकरण दीजिए।

Q.2

(a) Define the steam operated Hammer with neat diagram.

(a) साफ आरेख के साथ भाप संचालित है मर को परिभाषित करें।

(b) Define the direct extrusion process & indirect extrusion process.

(b) प्रत्यक्ष बहिर्वेधन प्रक्रिया और परोक्ष बहिर्वेधन प्रक्रिया को परिभाषित करें।

