Award Roll

Department: Mechanical Engineering

Course Name: M Tech - Mechanical Systems Design

Mid Term Examination

Subject: Advanced Engine Design

Semester 3rd Course No: MSD 302 Credits: 4

Google Meet and e mail based - Online Examination

Autumn Semester 2020

S.No	Enrolment Number	Name of Student	Q1 10	Q2 10	Q3 10	Total 30	Short Comings in Q1 and Q2	Short Comings in Q3
1	2019MMECMS001	Ashutosh Sonawane	10	8	8	26	Q2 -Your answer and drawings are for multi-cylinder engine – but question was given for single cylinder engine	Flywheel size + first order and second order force balance + pumping losses
2	2019MMECMS002	Jafer Sadiq	-	10	8	18	Q1-Not attempted	Flywheel size + first order and second order force balance + pumping losses
3	2019MMECMS003	Amir Yousuf	10	10	8	28		Flywheel size + first order and second order force balance
4	2019MMECMS004	Zubair Rasool	10	10	8	28		Flywheel size + First order and second order force balance + pumping loss and volumetric efficiency

Dated: 23-11-2020

Prof M Marouf Wani

Mechanical Department
National Institute of Technology
Srinagar, J&K
India – PIN 190006

Award Roll

Department: Mechanical Engineering

Course Name: M Tech - Mechanical Systems Design

Mid Term Examination

Subject: Advanced Engine Design

Semester 3rd Course No: MSD 302 Credits: 4

Autumn Semester – 2020

Google Meet and e mail based - Online Examination

S.No	Enrolment Number	Name of Student	Q1 10	Q2 10	Q3 10	Total 30	Short Comings in Q3
5	2019MMECMS005	Abdul Muneeb	10	10	8	28	Flywheel size + first order and second order force balance +pumping loss – not explained
6	2019MMECMS009	Basit Ali Shah	10	10	8	28	Flywheel size + first order and second order force balance + cost and complexity +pumping loss – not explained
7	2019MMECMS010	Premdeep Singh	10	10	8	28	Flywheel size + first order and second order force balance + pumping losses not explained
8	2019MMECMS011	Inamul Haq Dar	10	10	8	28	Flywheel size + first order and second order force balance + cost and complexity +pumping loss – not explained

Dated: 23-11-2020

Prof M Marouf Wani

I/C Advanced Engine Design
Mechanical Engineering Department
National Institute Of Technology
Srinagar, J&K
India – Pin 190006

Award Roll

Department: Mechanical Engineering

Course Name: M Tech - Mechanical Systems Design

Mid Term Examination

Subject: Advanced Engine Design

Semester 3rd Course No: MSD 302 Credits: 4

Autumn Semester – 2020

Google Meet and e mail based - Online Examination

S.No	Enrolment Number	Name of Student	Q1 10	Q2 10	Q3 10	Total 30	Short Comings in Q3
9	2019MMECMS012	Ishfaq Zahoor	10	10	8	28	Flywheel size + first order and second order force balance + pumping losses
10	2019MMECMS013	Sheikh Haris	10	10	8	28	Concept of Flywheel Size + Balancing First order and second order forces etc
11	2019MMECMS014	Mohd Rafiq	10	10	8	28	Flywheel size + First order and second order force balance + high speed and low speed
12	2019MMECMS015	Mohd Tehseen	10	10	8	28	First order and second order force balance + high speed and low speed
13	2019MMECMS016	Hishma Lone	10	10	9	29	Flywheel size + first order and second order force balance not mentioned
14	2019MMECMS017	Mohsin Ayoub	10	10	8	28	Flywheel size + first order and second order force balance not mentioned

Dated: 23-11-2020

Prof M Marouf Wani

I/C Advanced Engine Design
Mechanical Engineering Department
National Institute Of Technology
Srinagar, J&K
India – Pin 190006

Award Roll

Department: Mechanical Engineering

Course Name: Pre PhD

Mid Term Examination

Subject: Advanced Engine Design

3rd Semester M Tech MSD Course No: MSD 302 Credits: 4

Autumn Semester – 2020

Google Meet and e mail based - Online Examination

PhD Students

S.No	Enrolment Number	Name of Student	Q1 10	Q2 10	Q3 10	Total Marks 30	Short Comings Q1	Short Comings Q2	Short Comings Q3
1	2019PHAMEC021	Ashish Kumar	8	10	zero	18	Wrong Answer		Wrong answer
2	2019PHAMEC023	Basant Lal	10	4	8	22		Incomplete + line diagram of engine and force balance	Flywheel size + first order and second order force balance
3	2019PHAMEC025	Mohd Mujtaba	8	10	Zero	18	Wrong Answer		Wrong answer

Dated: 23-11-2020

Prof M Marouf Wani

I/C Advanced Engine Design
Mechanical Engineering Department
National Institute Of Technology
Srinagar, J&K
India – Pin 190006