

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

Aircraft Maintenance (Aerospace)

1st Semester

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				
						Theory		Practical		Total
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68211	Theory of Flight	3	0	3	60	90	0	0	150
2	68212	Aero-Engineering Drawing	0	6	2	0	0	50	50	100
3	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
4	65911	Mathematics – I	3	3	4	60	90	50	0	200
5	65912	Physics – I	3	3	4	60	90	25	25	200
6	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
7	65712	English	2	0	2	40	60	0	0	100
		Total	14	18	20	280	420	175	125	1000

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

AIRCRAFT MAINTENANCE TECHNOLOGY-AEROSPACE (682)

2nd SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68221	Aircraft Structure & Repair	2	3	3	40	60	25	25	150
2	65722	Communicative English	1	3	2	20	30	50	0	100
3	65921	Mathematics -2	3	3	4	60	90	50	0	200
4	65922	Physics -2	3	3	4	60	90	25	25	200
5	67011	Basic Workshop Practice	0	6	2	0	0	50	50	100
6	65811	Social Science	3	0	3	60	90	0	0	150
7	65711	Bangla	3	3	4	60	90	50	0	200
Total			15	21	22	300	450	250	100	1100

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3rd SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68231	Aircraft Fuel and Fire Protection System	2	3	3	40	60	25	25	150
2	68232	Aero -Thermodynamics and Power Plant	2	3	3	40	60	25	25	150
3	68233	Aircraft Materials	2	3	3	40	60	25	25	150
4	65931	Mathematics -3	3	3	4	60	90	50	0	200
5	66611	Computer Application	0	6	2	0	0	50	50	100
6	65913	Chemistry	3	3	4	60	90	25	25	200
7	66822	Electronic Engineering Fundamental	2	3	3	40	60	25	25	150
Total			14	24	22	280	420	225	175	1100

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4th SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68241	Aircraft Pneumatic & Ice-Rain Protection	3	3	4	60	90	25	25	200
2	68242	Aircraft Hardware	2	3	3	40	60	25	25	150
3	68243	Aircraft Hydraulic & Flight Controls	3	3	4	60	90	25	25	200
4	68244	Aircraft Gas Turbine Engine Construction	2	3	3	40	60	25	25	150
5	68346	Aircraft Electrical System	2	3	3	40	60	25	25	150
6	68245	Aero Modeling & Presentation	0	6	2	0	0	50	50	100
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			14	21	21	280	420	175	175	1050

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FIFTH SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	MARKS				
						Theory		Practical		Total
						Cont. assess	Final Exam.	Cont. assess	Final exam.	
1	68251	Aircraft Landing Gear	2	3	3	40	60	25	25	150
2	68252	Air-conditioning and Pressurization system	2	3	3	40	60	25	25	150
3	68253	Gas Turbine Engine System	3	3	4	60	90	25	25	200
4	68254	Aircraft Propellers	1	3	2	20	30	25	25	100
5	68355	Aircraft Digital Technique	2	3	3	40	60	25	25	150
6	65851	Accounting Theory & Practice	2	3	3	40	60	50	0	150
7	69054	Environmental Studies	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	175	125	1000

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SIXTH SEMESTER

Sl. No	Subject Code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final Exam.	Cont. assess	Final exam.	
1	68261	Gas Turbine Engine Starting and Monitoring	2	3	3	40	60	25	25	150
2	68262	Aircraft Equipment and Furnishing	2	3	3	40	60	25	25	150
3	68263	Helicopter Aerodynamics, Structures and Systems	3	3	4	60	90	25	25	200
4	68264	Aircraft Instrument & Avionics System	2	3	3	40	60	25	25	150
5	68265	Engineering Ethics	2	0	2	40	60	0	0	100
6	68366	Computer Aided Design (CAD)	0	6	2	0	0	50	50	100
7	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			13	18	19	260	390	150	150	950

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7th Semester

Sl. No	Subject Code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assesss	Final Exam	Cont. assess	Final exam.	
1	68271	Aviation Legislation-I	3	0	3	60	90	0	0	150
2	68272	Aviation Legislation- II	3	0	3	60	90	0	0	150
3	68273	Aircraft Maintenance Practices	2	6	4	40	60	50	50	200
4	68274	Industrial Revolution & Space Technology	2	0	2	40	60	0	0	100
5	68371	Human Factors	2	0	2	40	60	0	0	100
6	68372	Aircraft Cabin & Information System	2	3	3	40	60	25	25	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			16	9	19	320	480	75	75	950