

Roll No.				Total No. of Pages : 02

Total No. of Questions: 09

B.Sc (Hons) Aircraft Maintenance (2018 Batch) (Sem.-1) **GROUND HANDLING SAFETY AND SUPPORT SYSTEM**

Subject Code: BSCARM-102-18 Paper ID: [75633]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- SECTION-B contains FIVE questions carrying FIVE marks each and students 2. have to attempt any FOUR questions.
- SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

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- a) Jacking
- b) Mooring
- c) Levelling
- d) Hoisting
- e) Towing
- f) Rigging
- g) Trestles
- h) Chokes
- i) Tension-meter
- j) Protractor



SECTION-B

Q2	Explain the process of signaling of aircraft in day and night time.	(5)
Q3	List various precautions to be undertaken during the process of fueling and defueling.	(5)
Q4	Explain the procedure for the maintenance of reservoirs and filters.	(5)
Q5	Explain the process of maintenance of undercarriage brakes.	(5)
Q6	Write a short note on 'Maintenance of wheels, tyres and tubes'.	(5)
	SECTION-C	
Q7	List various equipments used in the maintenance of an aircraft. Discuss the maintenand handling of ground equipments used in the maintenance of an aircraft.	ance (2,8)
Q8	What do you mean by rigging of control surfaces? Explain the procedure to carry angular alignment checks and symmetry checks.	out (2,8)
Q9	Explain the following terms and their purpose with respect to airport:	5×2)
	a) Control Tower	
	b) Dispersal Area	
	c) Tarmac	
	Explain the following terms and their purpose with respect to airport: a) Control Tower b) Dispersal Area c) Tarmac d) Apron e) Taxi Track	
	e) Taxi Track	