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Total No. of Printed Pages: [01]

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B.Sc. (Hons.) AME (Semester – 1st)
AIRCRAFT MAINTENANCE PRACTICES-I
Subject Code: BAME3-103
Paper ID: [20131102]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Define source of danger in workshop.
- b) Instrument/Equipment calibration label consist which type of information.
- c) Name types of measurements and define Angular Measurement.
- d) Describe key seat rule.
- e) Define glass surface plate and write its merits.
- f) Define divider.
- g) Define transition fit.
- h) Define Sheet Metal Forming Process.
- i) Define pressure or forge welding.
- j) Name the items which must be checked before starting to weld.

Section – B

(5 marks each)

Q2. Define Combination set. Name its parts. Explain centre head.

(1, 1, 3)

Q3. Define callipers, explain Odd leg Caliper.

Q4. How files are classified. Describe the classification as per shape of file.

(2, 3)

Q5. Explain process for straight lines bends.

Q6. Define metal arc gas shielded (MAGS) welding process.

Section – C

(10 marks each)

Q7. Explain special wrenches.

Q8. Explain full procedure to make 'L' channel of 2024-T3 alloy having open angle of 120° as per dimension- Side1 MLD= 2.000 inch, Bottom MLD= 1.000 inch, Bend radius= 0.16 inch.

Q9. Explain electric Arc welding.