

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 Bi-lateral tolerance.
- b. Define measurement and its FPS system.
- c. Define Combination set. Name its parts.
- d. Define Bevel Protector.
- e. Define Step drill.
- f. Define flange terms of Sheet metal Forming Terminology.
- g. Define bend line terms of Sheet Metal Layout.
- h. Name the types of gas welding used in aircraft.
- i. Describe importance of welding.
- j. Duties of AME when fire is on.

Section – B **(5 marks each)**

Q2. Write Safety Precautions while working with compressed gases.
Q3. Explain Fitter square.
Q4. Describe Dial Test Indicator along its working.
Q5. Describe types of fits.
Q6. Define electric Arc welding.

Section – C **(10 marks each)**

Q7. What is marking? Explain methods of marking and marking media including precaution while marking. (2,5,3)
Q8. Define punch. How punches are classified, Explain types of punches. (2,3,5)
Q9. Explain the following-
a) Twist drill b) Hook Spanner (5,5)