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B.Sc. Hons. (AME) (Semester-5th)

QUALITY MANAGEMENT SYSTEM

SUBJECT CODE: BAME3-537

Paper ID: [20131122]

Time: 03 Hours

Maximum Marks: 60

Instructions for Candidates: -

1. Section A is Compulsory.
2. Attempt any FOUR questions from Section B.
3. Attempt any TWO questions from Section C.

Section- A

(2 marks each)

Q1. Attempt the followings:

- a. What is the full form of DOD?
- b. Define quality.
- c. In the AS9100 standard, what does the AS stand for?
- d. Which edition of ISO 9001 standard is the 9001:2015?
- e. The audit team comprises of minimum how many members?
- f. Which theory says the concept of “doing it right the first time”?
- g. What is full form of TQM?
- h. Name the chart which does say about 80/20 Rule.
- i. What is benchmarking?
- j. What is reliability?

Section- B

(5 marks each)

Q2. What is quality circle? Explain briefly.

Q3. Explain briefly the concept of zero defect.

Q4. What is quality audit? Explain briefly.

Q5. Explain briefly the background of SMS training.

Q6. Explain briefly the importance of Audit Findings Report

Section- C

(10 marks each)

Q7. Name the 7 tools of quality. Explain histogram.

Q8. Explain Ishikawa diagram with a neat sketch.

Q9. What are the major accidents and its investigations involving fuel system safety?