

GUJARAT TECHNOLOGICAL UNIVERSITY**BE SEM-VIII Examination May 2012****Subject code: 181804****Subject Name: Ship Safety, Environmental Protection and Safe Watch Keeping II****Date: 12/05/2012****Time: 10.30 am – 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What do you mean by IMO? Enlist IMO conventions. **07**
 (b) What do you mean by classification of societies? Explain in detail. **07**
- Q.2** (a) Write a short note on ISM codes. **07**
 (b) Write short note on OWS. **07**
- OR**
- (b) What do you mean by MARPOL 73/78? State its annexes and Explain any one in brief. **07**
- Q.3** (a) What do you mean by Oil Record Book? Enlist entries are to be made in Oil Record Book. **07**
 (b) What do you mean by SOPEP? Explain Action flow chart in detail. **07**
- OR**
- Q.3** (a) Write a Short note on Fitness for duty. **07**
 (b) State the basic principles to be observed in keeping an engineering watch. **07**
- Q.4** (a) Enlist special requirements for engineer of chemical tankers. **07**
 (b) Write a short note taking over engineering watch. **07**
- OR**
- Q.4** (a) Write short note on navigation in congested water and during restricted visibility. **07**
 (b) Explain watch arrangement and performing the deck watch related to watch keeping in port. **07**
- Q.5** (a) Explain the principles of oil and gas tankers. **07**
 (b) What do you mean by emergency? Explain the duties to be performed by different team during Fire or Explosion. **07**
- OR**
- Q.5** (a) State the modifications of STCW vide june'95 conference. **07**
 (b) State oil tankers routine operations and explain inert gas plan. **07**
