

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.E SEM-VII Examination-Nov/Dec.-2011

Subject code: 171807

Date: 03/12/2011

Subject Name: Ship Safety, Environmental Protection & Safe Watch Keeping –I

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) Explain Survival Craft, rescue boat, free fall launching & inflammable appliances. **07**
(b) Define Flammability, Flash Point, Ignition Point, Static Electricity, Toxic, Inert gas & Resuscitators. **07**
- Q.2** (a) Explain the radio equipments Onboard Ship. **07**
(b) Explain the Method of Helicopter Rescue. **07**
- OR**
- (b) Explain preventions onboard ship **07**
- Q.3** (a) Describe the types of Breathing Apparatus & their Purposes. **07**
(b) Define the transmission of an EPIRB – Signal. **07**
- OR**
- Q.3** (a) Explain the CABA. **07**
(b) What is ELSA. ? **07**
- Q.4** (a) What is extinguishing ? Explain with Examples. **07**
(b) Explain flame detector. **07**
- OR**
- Q.4** (a) Explain Smoke detector & alarm with neat sketch. **07**
(b) Give advantages of fire extinguishing agents on ships. **07**
- Q.5** (a) Draw the fire triangle & explain the terms related to it. **07**
(b) Explain Evacuations & signaling Equipments. **07**
- OR**
- Q.5** (a) Explain the elements of fire & explosion. **07**
(b) Explain personal survival technique & life saving appliances in Ships. **07**
