



Name :
Roll No. :
Invigilator's Signature :

CS / BHM (OLD) / SEM-6 / HM-608 / 2011

2011

ADVANCED ENGINEERING

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$
 - i) the convection oven can be electric or
 - a) gas
 - b) air
 - c) liquid.
 - ii) The coffee urn includes a vented water tank heated by electricity, gas or
 - a) heat
 - b) steam
 - c) fire.



- iii) Food preparation equipment may include cutters, slicers and vegetable peelers.
 - a) extinguishers
 - b) refrigerators
 - c) mixers.
- iv) Carbon dioxide or dry chemical acts as fire suppression agent for
 - a) Class A
 - b) Class B
 - c) both Class A and Class B.
- v) The glass windows manufactured with three layers of glass with sealed spaces in between and the spaces between outer and central glass filled with argon gas are called
 - a) heat mirror windows b) super glass windows
 - c) super smart windows d) none of these.
- vi) Smoke alarm uses a small amount of material that ionizes the air in the smoke sensing chamber contained in the detector. The material is
 - a) thermo electric b) radioactive
 - c) pressurized air d) heat conducting.
- vii) Permanent water hardness is removed by adding in water.
 - a) lime
 - b) sodium carbonate
 - c) calcium sulphate
 - d) magnesium bicarbonate.

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9. Explain the factors causing air-pollution in a hotel and measures to check air pollution.
10. Briefly explain the various water distribution systems used in hospitality industry.
11. Discuss in detail the security system to be adopted in a hotel.
12. With the help of a layout of general space for laundry installation briefly explain the laundering process.

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