

S.No. 2289

12UHMA06

(For the candidates admitted from 2012–2013 onwards)

B.Sc. DEGREE EXAMINATION, APRIL/MAY 2018.

Sixth Semester

Hotel Management and Catering Science

Allied — HOTEL ENGINEERING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is membrane filtration process?
2. Define HP.
3. What is open circuit?
4. Define thermostat.
5. Define the term “littering”.
6. What is a flame?
7. Define the term solid fuel.

8. What mixture does LPG gas consist off?
9. What is "pilot"?
10. Which metal is the best conductor of electricity?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions by choosing either (a) or (b).

11. (a) Write the storage requirements of gas cylinders.

Or

- (b) Write any five properties of a ideal fuel.

12. (a) Write the objectives of earthing.

Or

- (b) Write a note on different types of burners.

13. (a) Describe the term ventilation.

Or

- (b) Write the maintenance procedures of air-conditioners.

14. (a) Write the dis-advantages of contract maintenance.

Or

- (b) What are the diverse functions of cold water in hotel?

15. (a) Write the hot water requirements of hospitality industry.

Or

- (b) Write a note on fittings used in water distribution line.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE of the following.

16. Write the safety check-list to be strictly adhered in maintenance department.

17. Illustrate the precaution while using compressed and liquefied gas.

18. What are the different types of fuels? Give Merits and demerits.

19. Write the properties of a refrigerant.

20. Describe the factors that affect water quality.