

00759

**CERTIFICATE IN AIRPORT RAMP
HANDLING (CARH)**

Term-End Examination

December, 2010

**BAV-005 : PRINCIPLES AND PRACTICES
OF RAMP HANDLING**

Time : 2 hours

Maximum Marks : 100

Note : *Attempt any five questions.*

1. (a) What are the main categories (Services) of Ramp handling ? Explain. 10
- (b) Explain the Terms 5x2=10
- (i) ULD
 - (ii) Turn Around Flight
 - (iii) Transit Flight
 - (iv) Screening
 - (v) Sabotage
2. (a) Explain what are the standard specifications (IATA) for a passenger coach operating at an Apron ? 10
- (b) Explain how a push back is carried out for a B. 737 aircraft ? 5

- (c) Expand the abbreviations : 5
- (i) AEP
 - (ii) ICAO
 - (iii) HHMD
 - (iv) FOD
 - (v) Pax
3. (a) Why Apron Safety Rule is required in an Airport ? 5
- (b) Explain any ten violations that may happen in an Apron. 10
- (c) (i) What are the types of emergencies that may happen in an apron ? 2
- (ii) Explain any one. 3
4. (a) Differentiate between Land side and Airside. 4
- (b) Differentiate between Movement area and Manoeuvring area. 4
- (c) What are the type of AEP'S (Airport Entry Permit), approved by BCAS - Specify colour and area permitted ? (Any six) 6x2=12
5. (a) With the help of diagram, explain. 10
- (i) Boarding Gate Plan and
 - (ii) Hold area plan.

- (b) Enumerate the Advantages and Disadvantages of each. 10
6. (a) What are the minimum standards specified by BIS for a fire extinguisher ? 10
- (b) What are the different types of water type fire extinguisher ? Explain any two. 10
7. (a) What are the different types of Ground Support Equipments ? 10
- (b) Explain any five number of Ground Support Equipments. 10
8. Write short note on the following 4x5=20
- (a) FOD Hazard
- (b) Unit load Device
- (c) Preventive Maintenance
- (d) Emergencies in an airport
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