

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

Term-End Examination

June, 2011

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

Time : 2 hours

Maximum Marks : 100

Note : Attempt any five questions. All question carry equal marks.

1. (a) Explain the terms : **10**
(i) Airway Bill
(ii) Apron
(iii) Baggage
(iv) Sterile area
(v) Turn Around Flight
- (b) What are the main categories of Ramp Handling Services ? Explain. **10**
2. (a) Expand the following abbreviations : **10**
(i) ADP (ii) APSU
(iii) BCAS (iv) DGCA
(v) DVOR (vi) IPB
(vii) PBB (viii) HHMD
(ix) IATA (x) Pax
- (b) Explain what are the standard specifications (IATA) for a passenger coach operating at an Apron ? **10**

3. (a) What are the different types of Ground Support Equipments ? 10
- (b) Explain any five types of Ground Support Equipment. 10
4. (a) What are the functional specification of a push back tractor ? 10
- (b) Explain how a push back is carried out for an A - 320 aircraft. 10
5. (a) Why Apron Safety Rule is required ? 5
- (b) Enumerate any ten general safety precautions to be taken on an Apron. 10
- (c) How the emergencies in an airport is classified ? 5
6. (a) With the help of a diagram explain. 10
- (i) Boarding Gate Plan.
- (ii) Encourse Plan.
- (b) Enumerate the advantages and disadvantages of each. 10
7. (a) What do you mean by an explosive ? 2
- (b) Differentiate between low explosive and high explosive. 8
- (c) Enumerate Five numbers of National Legislation with respect to Civil Aviation Security in India. 5
- (d) Enumerate Five number of International Conventions and or protocols with respect to Civil Aviation. 5

8. (a) What are the different types of water type Fire Extinguisher ? Explain any two. 10
- (b) What are the different types of Portable CO₂ type fire extinguishers ? Explain any one. 5
- (c) What do you mean by Dry Powder ? Explain. 5
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