



**VIDYA BHAWAN BALIKA VIDYAPITH, LAKHISARAI**  
**INFORMATION TECHNOLOGY FOR CLASS 12**

**(Study materials)**

**RAUSHAN DEEP**

**DATE:-02.06.2020 (TUESDAY)**

**UNIT – 2 : OPERATING WEB**

**1. Operating web-based Applications**

A web application is a client-server computer program that the client runs in a web browser. Common web applications include webmail, online retail sales, online banking, and online auctions. Web-based application are used for reservation of tickets and bookings, e-governance, online shopping with the provision of making payments online using credit/debit cards, and learning using online tutorials, tests etc. It allows access to the facilities via Internet from the comfort of Home, Office, Car, etc.

**2. Online Reservation Systems**

An online reservation system allows booking /cancellation of tickets through use of Internet. A user can retrieve information and perform transaction related to reservation of ticket. Some examples of online reservation system are as follows

- Airline ticket
- Railway ticket
- Bus ticket
- Movie ticket
- Hotel booking
- Tour and travel booking

**Advantage of Online Reservation System**

Online reservation systems are advantageous both for the company providing reservation services and for the consumer who uses the online reservation system for booking.

**We discuss about Advantages for consumers:**

- **Convenient:** A user/Consumer can book tickets anytime/anywhere from Home, Office, while travelling etc. All the user needs is just a computer, Internet access, and a card (Credit, Debit, Net banking etc.) for payment. It has been changes to bookings like, cancellation, up gradation is also easy. It is very convenient for the users with special needs.
- **Price Comparison:** A service may be provided by several providers- cinema tickets on wave cinema, PVR, Big cinema etc. Online booking allows the customer to check the price, compare them and get the best deal. Several websites which provide the comparisons across similar service providers exist. For example, [www.makemytrip.com](http://www.makemytrip.com) provides comparative pricing of the air ticket provides from a particular source to a destination.
- **Security:** Most online reservation sites require the user to create their profile and provide with a username and password. This information remains secure until their password is secure.
- **Confirmation of Reservation:** When a ticket booking is done, the confirmation of the booking just takes a few seconds. It is fast and secure, The confirmed booking of your booked ticket can be viewed on your mobile, iPad, iPhone, laptop, etc., and can also be printed.
- **Making choices:** In online booking, the user can see the arrangement of seats, select a particular seat, etc. in railway booking, selection of lower berth/Upper berth.
- **Time savings:** Online reservation consumes very less time in contrast to long queues at the counter.