



DPP-5748

P.G. D. C. A. (Sem. II) Examination

March / April - 2016

203 - Network Essentials & E-Commerce

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="P.G. D. C. A. (SEM. 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="203 - NETWORK ESSENTIALS & E-COMMERCE"/>	<input type="text"/>
Subject Code No. : <input type="text" value="5"/> <input type="text" value="7"/> <input type="text" value="4"/> <input type="text" value="8"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

1 Do as Directed : (Attempt any 7) 14

- (1) What is computer Network? Explain with examples.
- (2) Explain Simplex , Half Duplex and Full Duplex methods.
- (3) Write Difference between Switch and HUB.
- (4) List out range of Classful Addressing Scheme.
- (5) What is Subnet mask?
- (6) Write full name of EDI and EFT. And List out first two E-commerce website with its evolution year.
- (7) What are the impacts of e-commerce on business?
- (8) Which method is used by ARPAnet to send information over telephone line? And how TCP/IP send data over internet?
- (9) What is E-cash?

2 Answer the following : (Attempt any 2) 14

- (1) Explain fiber optics in detail with its advantages and disadvantages.
- (2) What is topology? list out types of topology and explain in detail with figure.
- (3) Explain types of computer network and differentiate them.

- 3** Answer the following : (Attempt any 2) **14**
- (1) What is IP address and MAC address? Explain IPV4.
 - (2) Explain PSTN and DSL in detail.
 - (3) What are the communications devices use to connect computers to network? Explain it. E.g Infrared, Bluetooth...etc.
- 4** Answer the following : (Attempt any 2) **14**
- (1) Define E-commerce. How E-commerce is useful and what are the drawbacks of it?
 - (2) Explain types of commerce.
 - (3) Explain Payment Card with its types in detail.
- 5** Answer the following : (Attempt any 2) **14**
- (1) Write steps to pay on retail sites using payment cards? Explain with examples.
 - (2) What is Internet Banking? Explain it.
 - (3) (a) How to book ticket in irctc? Write steps. **3**
(b) Write steps to purchase product from Flipkart or Amazon. **4**
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