2026

Suggestive Question Paper for

COMPUTER TECHNIQUE

(Desk Top Publishing)

Practical Paper : I

Full Marks : 40

Pass Marks : 16

Time : 3 hours

Candidates shall note that each question will be bilingual, viz., in English/Assamese medium, for their ready reference. In case of any discrepancy or confusion in the medium/version, the English version will be considered as the authentic version.

The figures in the margin indicate full marks for the questions.

Note : The question paper for 2026 Exam has to be prepared on this basis without repeating from the suggestive questions as far as practicable.

*Attempt **any two** questions taking **one** question from **each group**.*

GROUP–I

1. Taking the text and figure given below and using PageMaker, prepare a document with the following features : 10

   (a) The font size of the heading be 18.

   (b) The font style of the text be 'Arial' and of size 12.

   (c) The heading be placed at the centre and be printed in bold.

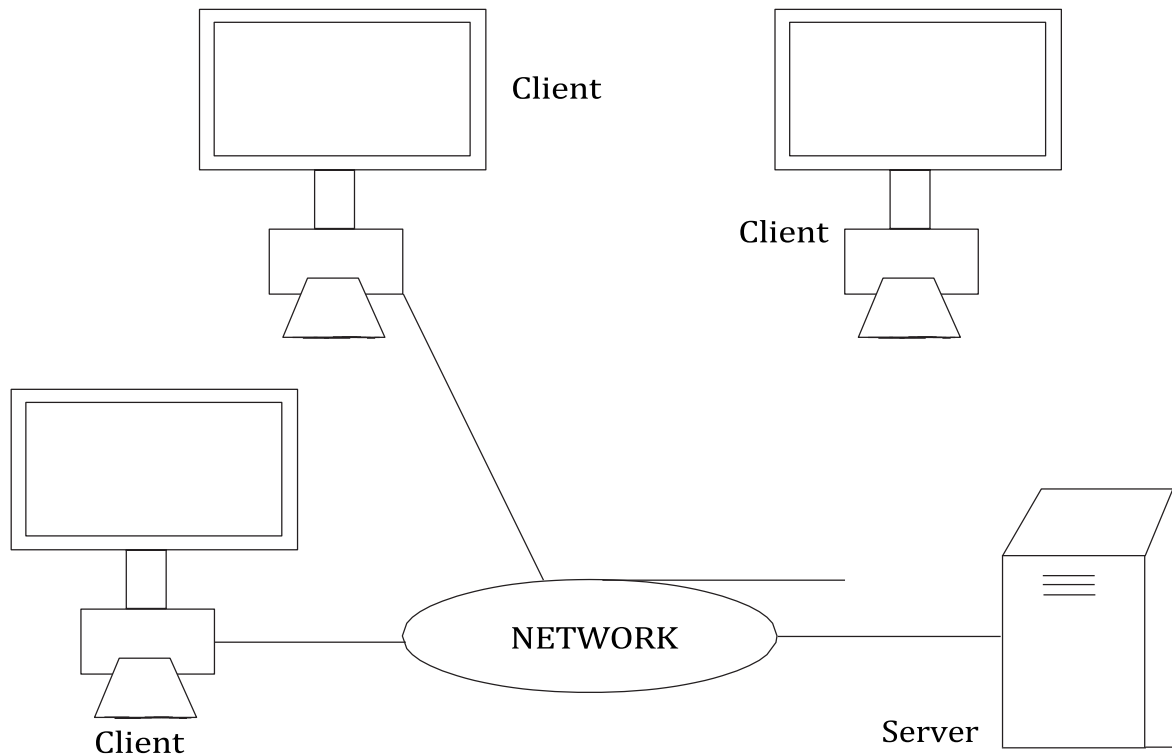   *(d)* Insert the figure within two columns to give it a proper look.

   Computer Networking :

   A computer network is a collection of computers and peripheral components connected by communication links that allow the network components to work together. The network components may be located at many remote locations or within the same campus.

   Basic Network Technologies :

   • **Host :** A computer, providing access to other computers in computer network is called host.

   • **Nodes :** A device, such as client computer, a server or a shared printer, that is connected to the network having capability to communicate with other devices of the network is called nodes.

   • **Links :** An end-to-end transmission path provided by the cabling infrastructure is called links.

   • **Connectivity :** The nature of the communication between a user's computer and another computer, such as a server or the host computer on the internet or network.

   • **Bandwidth :** The data transfer capacity, or speed of transmission of a digital communications system as measured in bits per second (bps). It

is a physical property of the transmission medium and usually depends on the thickness and length of the medium.

One Server and Three Clients

Or

Taking the text and figure given below and using PageMaker, prepare a document with the following features :   10

(a)   The font style of the heading be 'Arial' and the size be 18.

(b)   The font size of the text be 12.

(c)   Print the sub-heading in bold.

Phone Number Portability in GSM Network :

Introduction :

Phone Number Portability is network feature to allow the subscriber to change operator, location or services without changing phone number. Phone number

protability is broadly classified into three categories :

(i) **Service Provider Portability :**

Service portability allows the customer to change service provider (operator) without changing the phone number. For service provider change customer may have to pay initial cost (one time) to new service provider.

(ii) **Location Portability :**

Location portability allows the customer to retain his phone number while moving from one location to another location and all the calls to and from the mobile (in the new location) should be treated as local.

(iii) **Service Portability :**

Service Portability allows the customer to change the service without changing the phone number. This will allow the customer to change the wireline service to wireless service, PS into ISD ?
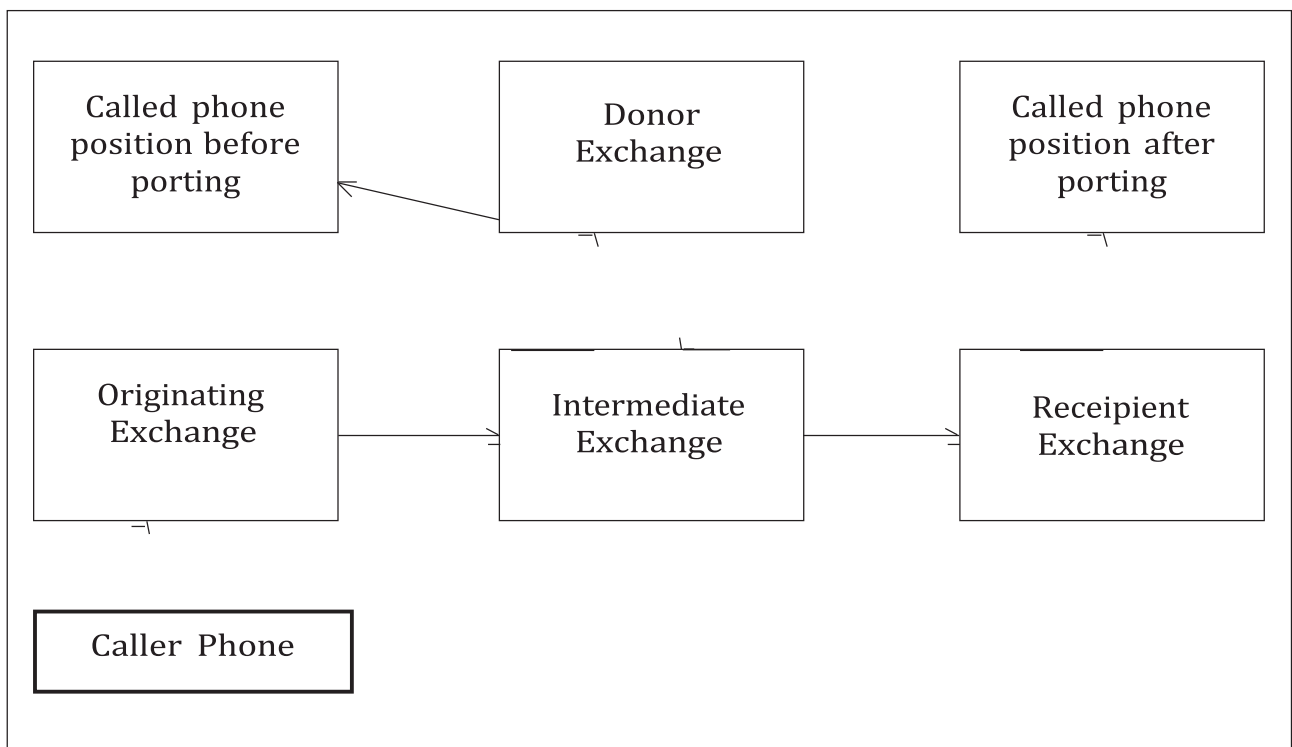
Generic Number Portability Model : Below Architecture shows generic changes required in existing network to support number portability.

Originating Exchange : A local exchange serving a call originating user.

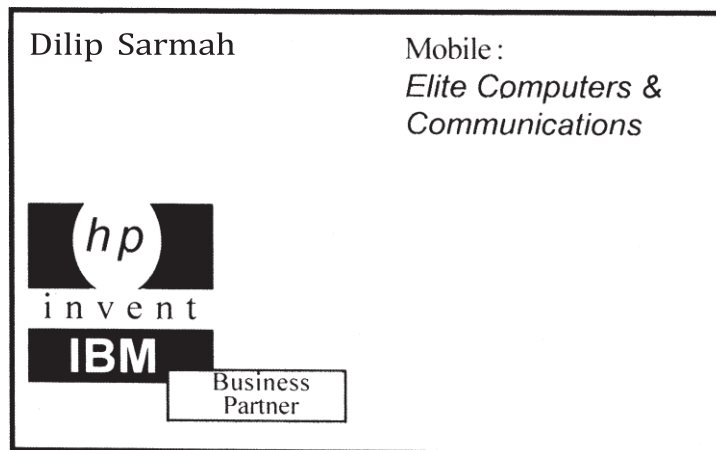**Intermediate Exchange :** Any exchange between originating exchange and recipient exchange.

Donor Exchange : The local exchange to which a call would be routed for termination in absence of number portability.

Recipient Exchange : A local exchange to which end user is ported.

Called phone position before porting	Donor Exchange	Called phone position after porting
Originating Exchange	Intermediate Exchange	Receipient Exchange
Caller Phone		

GROUP–II

2. Using Photoshop, design one visiting card with the content shown below. The width of the card should be 9cm and the height should be 5·5cm. Use multipaste option to fit the page with copies of the visiting card. 10

Dilip Sarmah

Mobile :
Elite Computers & Communications

hp
i n v e n t
IBM
Business Partner

3.	Viva Voce	5
4.	Practical File	5
5.	Viva Voce	5

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Total No. of Printed Pages—3

2026

Suggestive Question Paper for

COMPUTER TECHNIQUE

(Introduction to Programming in C++ and Network Technology)

Practical Paper : II

Full Marks : 40
Pass Marks : 16

Time : 3 hours

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PART – A

*Attempt **any one** question.*

1. *(a)* Write and run a program to read an integer of N $(2 \leq N \leq 5)$ digits and to print the number in reverse order. For example, for $N = 5$, if the number read is 26413, the output should be 31462.   10

    (b) Write and run a program in C to read two arrays A (10) and B (10) and find the arithmetic mean of each array and then print the sum of the two mean value.   10

PART – B

*Attempt **any one** question.*

2. *(a)* Write a C++ program to compute the sum of the following series :   10

    $$1^2 + 2^2 + 3^n + \ldots\ldots\ldots + \text{to } n \text{ terms}$$

    (b) Write and run a C++ program to print all the prime numbers in between 1 and N using function.   10

3. Viva voce.   10

4. Practical File.   10