(परीक्षार्थी द्वारा भरा जाए) (To be filled by the Candidate) First Periodical Test, January-April/May, 2022

परीक्षा का नाम (Name of Examination) - <u>BTech 6th Semester</u> अनुक्रमांक अंकों में (In figures) - <u>1913541</u> अनुक्रमांक(शब्दों में)(Roll No. in Words) - <u>Nineteen lakhs thirteen thousand</u> <u>five hundred and forty one</u>

न**ा**मांकन संख्या (Enrollment No.) - **2019/1291**

ई-मेलआई.डी. (E-mail ID.) - <u>btbti19113_aashita@banasthali.in</u>

विषय (Subject) - BTech (IT)

प्रश्न पत्र कोड सहित (Paper with Code) – Internet and Web Technology (IT302)

परीक्षा दिवस और दिनांक (Day and Date of Examination) - 10 February 2021

Total Number of Pages excluding this page - ____12____

Question	1	2	3	4	5	6	7	8	9
Write NA for questions not attempted			NA		NA				

Signature of the Student

20 34.	1913541
Q1 a)	Assume www.common.com i) wuite HTTP
dj	server unter domain name - www.common.com
ف	The arguest of the client well be-
4	e The file type is lange.
+	I mage should be althu in fpeg or get bounat.
7	The negent from the client- Mele will be,
	Request
	CrET http://www.common.com/Pmajer 1 HTTP/1.1
	Accept: Prage/1peg
	i') whit HTTP curerent plate.
Au *	The gerpose fora the same will be-
His	Miny vode 200 to show succes of request.

*	Show	the status as modified to specify that	
	the	condition for been met.	

* Specify the wire, when name and account date

* The everporus from the wine with well be-

Response

HTTP/1.1 200 Ok Modified

Date: Thu, Feb 10 14:00:00 1ST

Size: 1024

LUVUY: COMMON. COM (Apache)

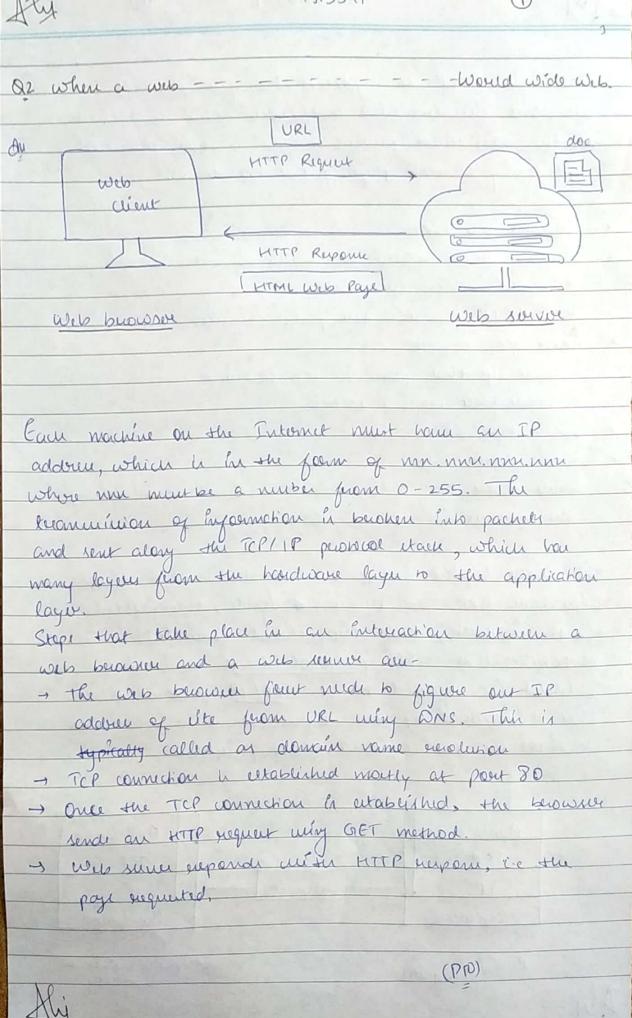
(b) In actual ----- Education

Internet is bouically a bruch of Interconnected Networks which may be mobile , lopkops, coputer, etc.. The Internet Survice provider or the ISP. provider of the ISP. provider of the ISP. Huga number of denice are from a particular region are connected to the morest ISP and form a network. There ISPs are connected to the morest connected to the morest ISP and form a network. These ISPs are connected to the morest than the connection of different and eventually, they connection of different Networks once the Internet to enert. The world wide web started as a spee Standard App that arm on the Internet & There is not

a ringle person or organischion who own the world whole web. There see, the device we own become part of the enormore into-networked System. The Puternet comists of loss of different Its and pieurs eau of which has an owner.

Role of Internet in Education The Internet bon Porteroduced Prop governous in technology, communication and online entertainent, along with education. Internet in education has been Enceedibly unful as it facilitates to the information and commucation. The Internet hou Encreased the accentishing of relucation at all levels and has tuemed out to be a grant emporitory of knowledge students on accer face wides licture online and sugar to encyclopedian and etudy material in multimedia journels; teacher ca note their unon interesty by Priorpoloty online-band projects by their study plans; and iductional institutions con accor but to a wider audience by offering quality online Course. For Some area of education where Internet ploys ar Proplocable sale is

- · Study and Rewach
- · Student-Tracher and Peer Interaction
- · Elebility of online barning
- · tay according of Quality education
- · Allow facta apolate of Enjourchia
- · Interactive Digital Media
- · Nows towarming eclicational.





Thus, the HTTP or Hypertent terringer prosocol etandard december now a berocore maker a suggest to the was sense properant. It is the prosocol for getting a nato page from the survey.

- · Buowen bon URL
- . Buows send elgren to rever rained in wel
 - negular include the path
 - TCP/IP publide the packet-surice
- · Survey gets enequent
 - cooks up that parts he it's greenered
 - rende back eurpon HTML
- · Sierre how IP adober
- · Serve Morre data
- the because hits a window.

The summer request memory must be truems tooled forom adphabetic tent Posto electropic agnals, townswitted out the Intermet, then termedated back Posto alphabetic tent. This probable stack used on the Intermet Ps proposed to as TCP/IP probable stack. This is arguined by the computer to communicate and I built on the corputers operating upsterns.

		1
Application	Control Line (19)	Application
TCO		TEP
10	 [Internet]	IP
Mandware		handware

Recelving corputer

Compute with EP

The TOP/IP stade look	la Che thés-
Puopiol layer	Commonbe
· Application Peroposes	Photocol specific to application
Layue	Lucu a www, e-mall, FTP, etc.
· Transition Control	TCP diructa pacheta to a
Phoniol Loyer	specific opplication on a cosputar
	very a posit mubice.
· Intumer Phonocal	IP directs packets to a
Leyen	specific application en a corput
	computer culy an port mutter
	Il adebrei
· Hardrane Layer	Converte binay parket data to
	network ignals and back.
The proces will be-	
1. The monage would	start on top of the publical
itali on our corpu	tu and work the way downwar
2. By the mellap to be	sent is long, each italk loyer
that the menage pa	we through may beech the
merica up into in	walle chunks of dota. This is
because deta serie de	The Tuternet goe sent in
managerse chimi.	The chule of data are known
2. The salvets would	go therough the Application layer
	the TCP loyur. Cach packet is



uniqued a pout number Many program may be

- 4. After goly therough the Application Lage and continue to the Tel leger, the packets purched to the TP leger. This is whose each packet oreceive its clerknown adolver
- 5. Now the menogr packets are seed to be sent our the Internet, with point much and on IP
- 6. The hard war loge take care of turning our packets containing the alphabetic tent of the newaye hits electronic signal and teamnethy there
- 4. On the other and, TIP has a direct councillar to the Internet. The ISP router enamine the destruction address he each packet and determine where to send of
- 9. The packets selact the cospete and starting at the bottom of the dutinotion computer. TOP/IP stack and work upwards.
- 9- At the packets go up would therough the stack all growthy data that the sending conjuters stack added in steripped from the packets
- 10. when the data mache the top of the stack, the packets have been ne-anerblid but their oxiginal

Aly	(41354)
1,	
-11-15	
>	
Zinpi	it type = "tent"
	nome = lname
	placeholde = "Enter last name"
(>	
<td></td>	
< kg>	
	label> E-mail
- FOI > 2	label > E-mail =/ label > // Co.
2	
- inp	ut type = "tent"
	nome = mailed
15	placeholde = "Enter e-mail" :-
//	
2/tg>	
/10.7	
< top7	
<	1212 in a like was like most about the
< la	bel > what did you like most about the Ranattali Vidyapith Compus? < (label>
2/tol>	
۷ ("nput type = "check box"
	vanu = "like"
	valu = " (cnpu 1 />
20	label > Canpu
	Court has a to Classic land
4	nput tope = " chechbon"
18.	vone = " like"
IXIII	

1913541 Value = "Hudenty" /> < label > Students < (label > < Puput type = "thechbox"</p> name = "like" valu = location" /> < label > Location </label> L'Amput type = "Chechbou" valu = "atmorphere" /> < label > Atmorphire </label> Shiput type = "Chechbon" man = " Whe" value = "house Room" /> 2 love > House Room 2/lobel> I Propert type = "Checkbon" norm = " spoul like" value = " spout " /> < label > (pouts </ label> 2/ta> 21tow L (4) < tol> Glabel > How did you become Enterented in Banarthali Vidyapitu? </label> (m)

Stal> <label> Mexiage </label>

Ltd>

Stentava vone = "msg"

valu = "menoy"

placeholde = "Addinand comment if any

prows : 55

Cols = 50 >

Shi