

## **SUBMISSION REPORT**

**Subject: COMPUTER NETWORK**

**Name:** Amey Thakur

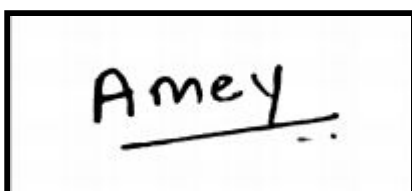
**College ID:** TU3F1819127

**Class:** TE COMPS B

**Roll No.:** 50

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A rectangular box containing a handwritten signature that reads "Amey". The signature is written in black ink and includes a horizontal line underneath the name.

**Signature of students**

**Signature of a subject in charge**

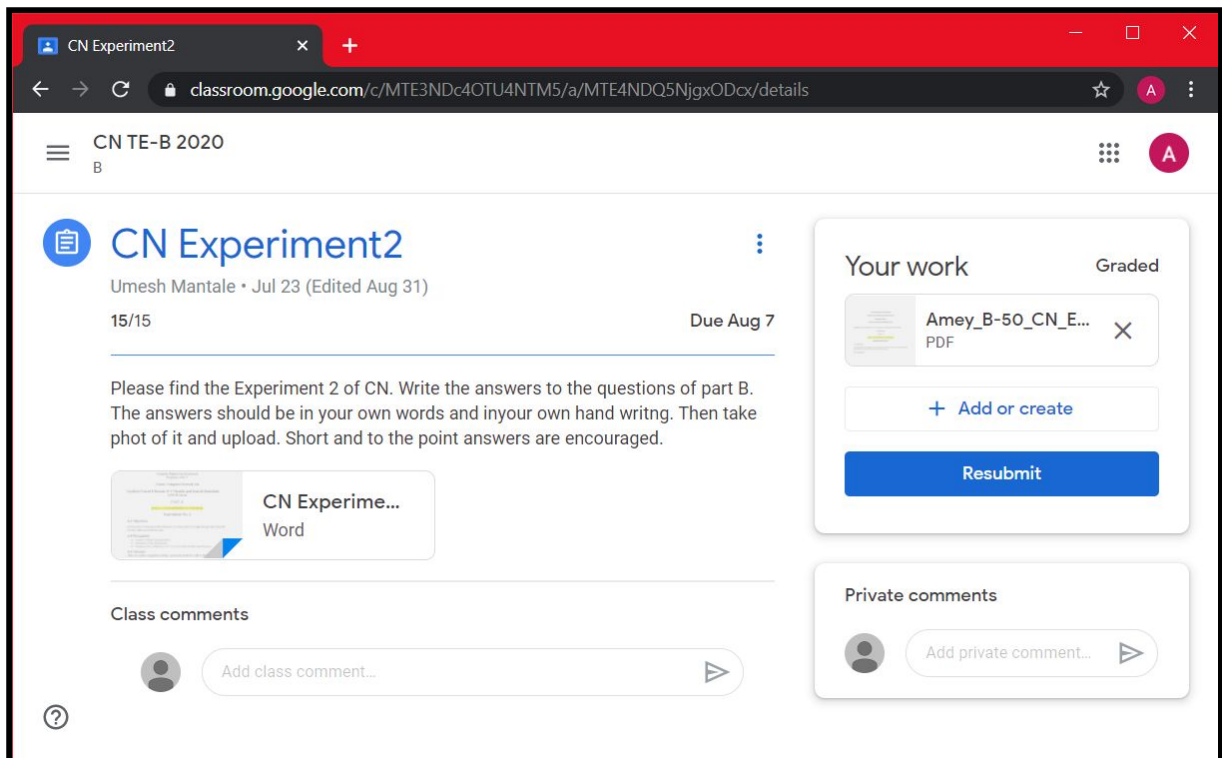
## 1. Experiments (1 to 10)

Sr.No.	Particulars	Marks
1	CN Experiment 1	14/15
2	CN Experiment 2	15/15
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## 1. CN Experiment 1 [14/15]

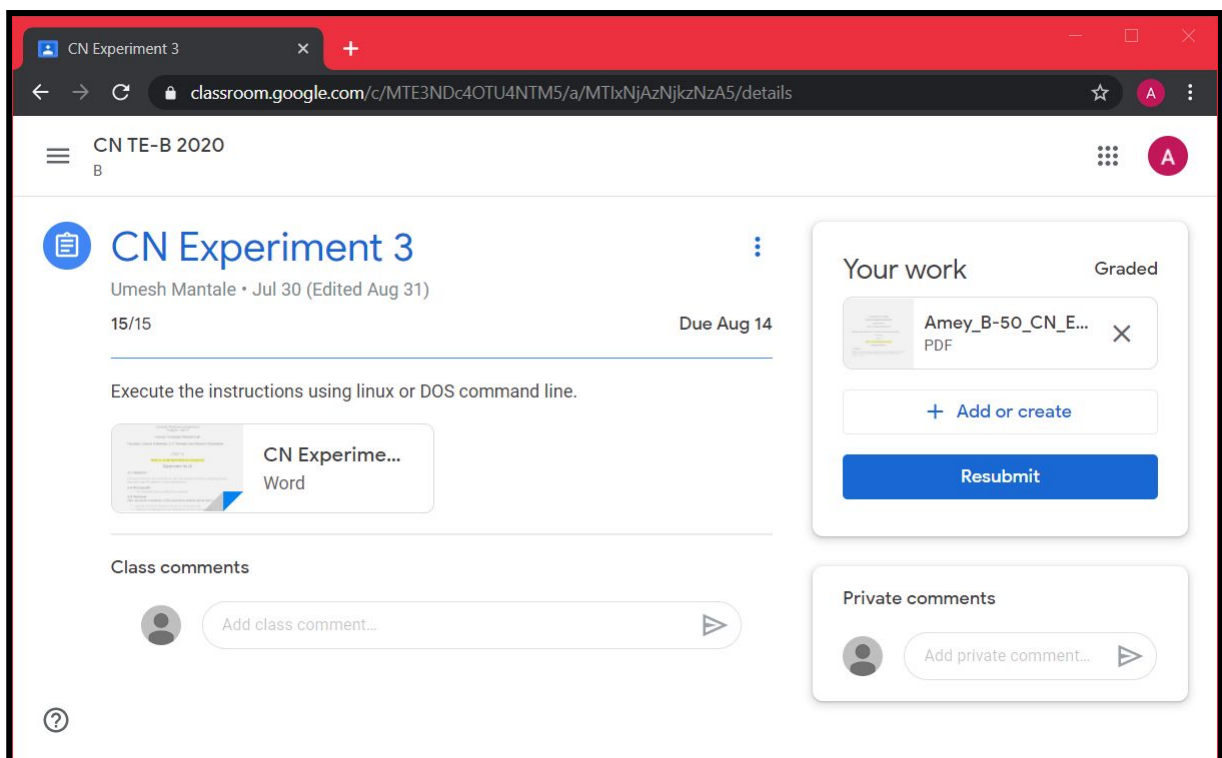
The screenshot shows a Google Classroom interface for an assignment titled "CN Experiment-1". The assignment is due on July 31 and is worth 14/15 marks. The instructions state: "Please find the Experiment 1 of CN. Write the answers to the questions of part B. The answers should be in your own words and in your own hand writing. Then take photo of it and upload. Short and to the point answers are encouraged." The right sidebar shows the student's work, including a PDF file named "Amey\_B-50\_CN\_E..." and a Word document named "AMEY THAKUR - C...". There is a "Resubmit" button and a "Private comments" section at the bottom.

## 2. CN Experiment 2 [15/15]



The screenshot shows a Google Classroom interface for an assignment titled "CN Experiment2". The assignment is created by Umesh Mantale, dated Jul 23 (last edited Aug 31), and is worth 15/15 points. It is due on August 7. The instructions state: "Please find the Experiment 2 of CN. Write the answers to the questions of part B. The answers should be in your own words and in your own hand writing. Then take photo of it and upload. Short and to the point answers are encouraged." A document icon labeled "CN Experime... Word" is shown. On the right, the "Your work" section shows a PDF file named "Amey\_B-50\_CN\_E..." and buttons for "Add or create" and "Resubmit". Below this is a "Private comments" section with an "Add private comment..." button. At the bottom, there is a "Class comments" section with an "Add class comment..." button. The browser address bar shows the URL: classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTE4NDQ5NjgxODcx/details.

## 3. CN Experiment 3 [15/15]



The screenshot shows a Google Classroom interface for an assignment titled "CN Experiment 3". The assignment is created by Umesh Mantale, dated Jul 30 (last edited Aug 31), and is worth 15/15 points. It is due on August 14. The instructions state: "Execute the instructions using linux or DOS command line." A document icon labeled "CN Experime... Word" is shown. On the right, the "Your work" section shows a PDF file named "Amey\_B-50\_CN\_E..." and buttons for "Add or create" and "Resubmit". Below this is a "Private comments" section with an "Add private comment..." button. At the bottom, there is a "Class comments" section with an "Add class comment..." button. The browser address bar shows the URL: classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTIxNjAzNjkzNzA5/details.

## 4. CN Experiment 4 [09/10]

The screenshot shows a Google Classroom page for 'CN Experiment 4' in the 'CN TE-B 2020' course. The page header includes the course name and a user profile icon. The main content area displays the assignment title 'CN Experiment 4' by Umesh Mantale, dated Aug 6 (Edited Aug 31), with a progress indicator '15/15' and a due date 'Due Aug 21'. The assignment description states: 'Demonstration, identification and analysis of different types of protocols used and packets transmitted in TCP/IP by using Wireshark.' Below the description is a preview of a Word document titled 'CN Experime... Word'. To the right, the 'Your work' section shows a graded assignment 'Amey\_B-50\_CN\_E... PDF' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, there is a 'Class comments' section with an 'Add class comment...' input field.

## 5. CN Experiment 5 [15/15]

The screenshot shows a Google Classroom page for 'Experiment 5' in the 'CN TE-B 2020' course. The page header includes the course name and a user profile icon. The main content area displays the assignment title 'Experiment 5' by Umesh Mantale, dated Aug 31, with a progress indicator '15/15' and a due date 'Due Sep 11'. The assignment description includes the objective: 'Implementation of a LAN Network with the following topologies by using CISCO Packet Tracer.' followed by a list of topologies: 1. Ring Topology, 2. Star Topology, 3. Mesh Topology, 4. Tree Topology. Below the list, there are instructions for submission: 'Just submit the Part B only. Add the experimental screen shots as part of B. Write Roll number on every page.' followed by a bulleted list: '• Write the answers in our own word.', '• Small and to the point answers are expected.', '• Plagiarized answers are discouraged.' Below the instructions is a preview of a Word document titled 'CN Experiment-new-5 ... Word'. To the right, the 'Your work' section shows a graded assignment 'Amey\_B-50\_CN\_E... PDF' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, there is a 'Class comments' section with an 'Add class comment...' input field.

## 6. CN Experiment 6 [15/15]

The screenshot shows the Google Classroom interface for 'Experiment 6'. The page header includes the course name 'CN TE-B 2020 B' and a user profile icon. The main content area displays the experiment title 'Experiment 6.' with a document icon, the creator 'Umesh Mantale', the date 'Aug 31', and the status '15/15'. The due date is 'Due Sep 18'. The objective is 'A.1 Objective: Implementation of a Cyclic Redundancy Code (CRC) generator and checker using any higher level language.' Below this, a list of instructions is provided: 'Please submit only part B of the attached document.', 'Write your roll no on every page of your answers.', 'Write the answers in our own word and hand writing.', 'Small and to the point answers are expected.', and 'Plagiarized answers are discouraged.' A document icon labeled 'CN Experiment-new-6 -20...' is shown. On the right, the 'Your work' section shows a submitted PDF 'Amey\_B-50\_CN\_E...' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, a 'Class comments' section has an 'Add class comment...' input field.

Experiment 6.

Umesh Mantale • Aug 31

15/15

Due Sep 18

A.1 Objective:  
Implementation of a Cyclic Redundancy Code (CRC) generator and checker using any higher level language.

- Please submit only part B of the attached document.
- Write your roll no on every page of your answers.
- Write the answers in our own word and hand writing.
- Small and to the point answers are expected.
- Plagiarized answers are discouraged.

CN Experiment-new-6 -20...  
Word

Class comments

Add class comment...

Your work Graded

Amey\_B-50\_CN\_E...  
PDF

+ Add or create

Resubmit

Private comments

Add private comment...

## 7. CN Experiment 7 [14/15]

The screenshot shows the Google Classroom interface for 'Experiment 7'. The page header includes the course name 'CN TE-B 2020 B' and a user profile icon. The main content area displays the experiment title 'Experiment 7' with a document icon, the creator 'Umesh Mantale', the date 'Sep 28', and the status '14/15'. The due date is 'Due Oct 5'. The objective is 'Design a LAN and establishing connection to other network and understand the basic working of PING (ICMP) and ARP (DLL)'. Below this, a note states '( Upload part B only)'. A list of instructions is provided: 'Write the answers in our own word.', 'Small and to the point answers are expected.', and 'Plagiarized answers are discouraged.' A document icon labeled 'CN Experime...' is shown. On the right, the 'Your work' section shows a submitted PDF 'Amey\_B-50\_CN\_E...' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, a 'Class comments' section has an 'Add class comment...' input field.

Experiment 7

Umesh Mantale • Sep 28

14/15

Due Oct 5

Design a LAN and establishing connection to other network and understand the basic working of PING (ICMP) and ARP (DLL).

Note: ( Upload part B only)

- Write the answers in our own word.
- Small and to the point answers are expected.
- Plagiarized answers are discouraged.

CN Experime...  
Word

Class comments

Add class comment...

Your work Graded

Amey\_B-50\_CN\_E...  
PDF

+ Add or create

Resubmit

Private comments

Add private comment...

## 8. CN Experiment 8 [14/15]

The screenshot shows the Google Classroom interface for 'Experiment 8'. The browser address bar displays the URL: `classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTc1NTU4NDUxODM2/details`. The page header includes the course name 'CN TE-B 2020' and a user profile icon. The main content area features the title 'Experiment 8' with a document icon, the creator 'Umesh Mantale • Sep 28 (Edited Oct 7)', and the progress '14/15'. The due date is 'Due Oct 8, 11:59 PM'. The assignment description is 'Configure Network using Link State Vector Routing protocol (OSPF)'. A note states: 'Note : upload only part B'. Below the note are three bullet points: 'Write the answers in our own word.', 'Small and to the point answers are expected.', and 'Plagiarized answers are discouraged.'. A preview of a Word document titled 'CN Experime...' is shown. On the right, the 'Your work' section shows a PDF file named 'Amey\_B-50\_CN\_E...' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, there is a 'Class comments' section with an 'Add class comment...' input field.

Experiment 8

Umesh Mantale • Sep 28 (Edited Oct 7)

14/15

Due Oct 8, 11:59 PM

Configure Network using Link State Vector Routing protocol (OSPF).

Note : upload only part B

- Write the answers in our own word.
- Small and to the point answers are expected.
- Plagiarized answers are discouraged.

CN Experime... Word

Class comments

Add class comment...

Your work Graded

Amey\_B-50\_CN\_E... PDF

+ Add or create

Resubmit

Private comments

Add private comment...

## 9. CN Experiment 9 [10/10]

The screenshot shows the Google Classroom interface for 'Experiment 9'. The browser address bar displays the URL: `classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTgzMTQ2OTUyNDE5/details`. The page header includes the course name 'CN TE-B 2020' and a user profile icon. The main content area features the title 'Experiment 9' with a document icon, the creator 'Umesh Mantale • Oct 5', and the progress '10/10'. The due date is 'Due Oct 16'. The assignment description is 'Establishing Client Server communication using TCP socket programing.'. A note states: 'Note : Just upload the part B of the experiment'. A preview of a Word document titled 'CN Experime...' is shown. On the right, the 'Your work' section shows a PDF file named 'Amey\_B-50\_CN\_E...' with a 'Resubmit' button. Below this is a 'Private comments' section with an 'Add private comment...' input field. At the bottom, there is a 'Class comments' section with an 'Add class comment...' input field.

Experiment 9

Umesh Mantale • Oct 5

10/10

Due Oct 16

Establishing Client Server communication using TCP socket programing.

Note : Just upload the part B of the experiment

CN Experime... Word

Class comments

Add class comment...

Your work Graded

Amey\_B-50\_CN\_E... PDF

+ Add or create

Resubmit

Private comments

Add private comment...

## 10. CN Experiment 10 [14/15]

Experiment 10

classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTk4NTI1MTU1ODMx/details

CN TE-B 2020  
B

A

Experiment 10

Umesh Mantale • Oct 20

14/15

Due Oct 28

a) Configure FTP Services on Servers  
b) Upload a File to the FTP Server  
c) Download a File from the FTP Server

Note : Just upload the part B.

- Write the answers in our own word.
- Small and to the point answers are expected.
- Plagiarized answers are discouraged.

CN Experime...  
Word

Class comments

?

Add class comment...

▶

Your work

Graded

Amey\_B-50\_CN\_E...  
PDF

✕

+ Add or create

Resubmit

Private comments

Add private comment...

▶

## 2. Assignments (1 to 6)

Sr.No.	Particulars	Marks
1	CN Assignment 1	09/10
2	CN Assignment 2	10/10
3	CN Assignment 3	10/10
4	CN Assignment 4	09/10
5	CN Assignment 5	10/10
6	CN Assignment 6	10/10

### CN Assignment 1 [09/10]

The screenshot shows the Google Classroom interface for 'Assignment 1'. The browser address bar shows the URL: [classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTIzMDk3NzEzNzY4/details](https://classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTIzMDk3NzEzNzY4/details). The page header indicates 'CN TE-B 2020'. The assignment title is 'Assignment 1' by 'Umesh Mantale', dated 'Aug 10 (Edited Aug 27)', with a due date of 'Due Aug 20'. The assignment instructions state: 'Should include following information in word document. (In Top Left Corner) Roll No, Name, Class/Div., Subject, Question (As given in Assignment). Note: Answer should be in your own handwriting and should not exceed 2-pages'. On the right, the 'Your work' section shows a submitted PDF file named 'Amey\_B-50\_CN\_A...'. Below this is a 'Private comments' section with a text input field and a submit button. At the bottom, there is a 'Class comments' section with a text input field and a submit button. A sidebar on the left shows 'Assignments based on CH1' and 'PowerPoint'.



## CN Assignment 2 [10/10]

The screenshot shows a Google Classroom interface for a class named 'CN TE-B 2020'. The assignment is titled 'Assignemnt 2' (note the typo) and was created by Umesh Mantale on August 10. The due date is August 28. The instructions specify that the answer should be in a word document, including roll number, name, class/division, subject, and the question. A note mentions that the answer should be in handwriting and not exceed 2 pages. On the right, the 'Your work' section shows a submitted PDF file named 'Amey\_B-50\_CN\_A...'. Below this, there are buttons for 'Add or create' and 'Resubmit'. The 'Private comments' section is empty. At the bottom, there is a 'Class comments' section with a text input field and a submit button.

Assignemnt 2

Umesh Mantale • Aug 10

10/10 Due Aug 28

Should include following information in word document. (In Top Left Corner)

- Roll No
- Name
- Class/Div.
- Subject
- Question (As given in Assignment)

Note: Answer should be in your own handwriting and should not exceed 2-pages

Assignments based on CH2

Assignments ... PowerPoint

Class comments

Add class comment...

## CN Assignment 3 [10/10]

The screenshot shows a Google Classroom interface for the same class 'CN TE-B 2020'. The assignment is titled 'Assignment 3' and was created by Umesh Mantale on August 14. The due date is September 4. The instructions specify that the answer should be in a word document, including roll number, name, class/division, subject, and the question. A note mentions that the answer should be in handwriting and should be on A4 size journal pages. On the right, the 'Your work' section shows a submitted PDF file named 'Amey\_B-50\_CN\_A...'. Below this, there are buttons for 'Add or create' and 'Resubmit'. The 'Private comments' section is empty. At the bottom, there is a 'Class comments' section with a text input field and a submit button.

Assignment 3

Umesh Mantale • Aug 14

10/10 Due Sep 4

Should include following information in word document.

- Roll No
- Name
- Class/Div.
- Subject
- Question (As given in Assignment)

Answer should be A4 size journal pages and should in your own handwriting.

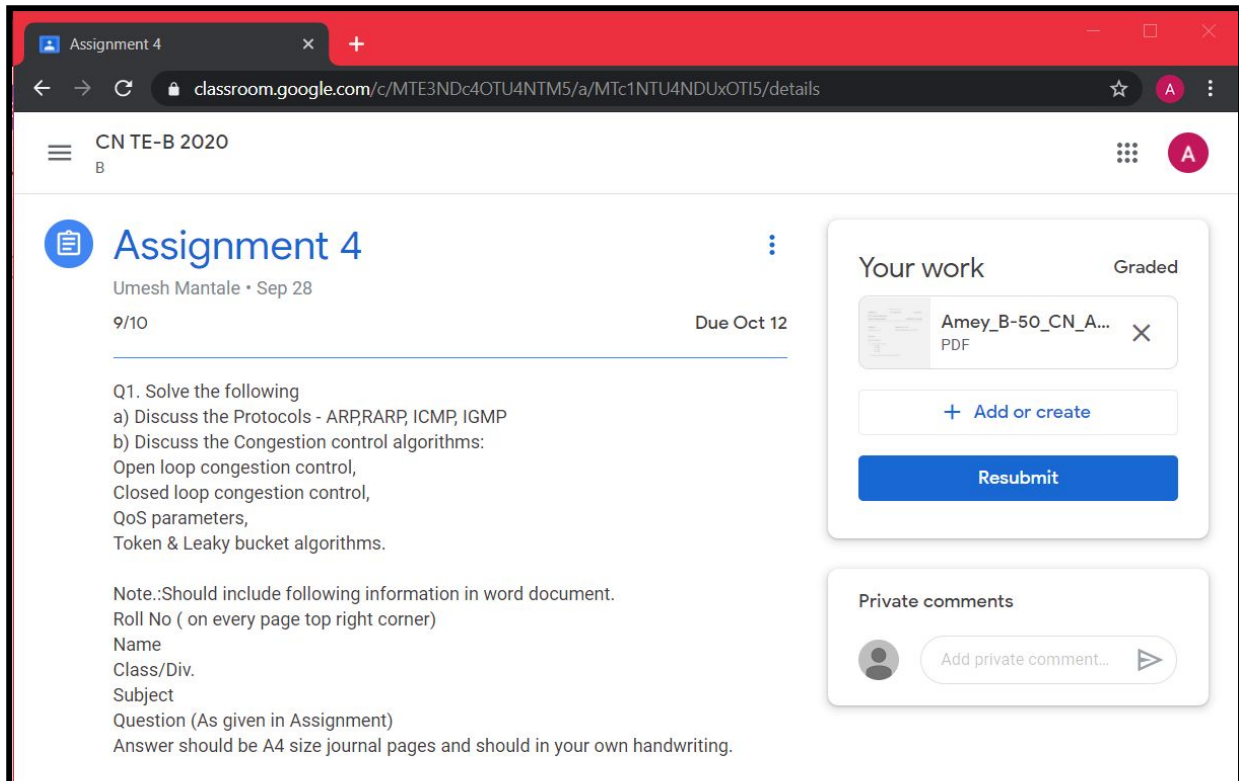
Assignments based on CH3

Assignments ... PowerPoint

Class comments

Add class comment...

## CN Assignment 4 [09/10]



The screenshot shows the Google Classroom interface for 'Assignment 4'. The browser address bar displays the URL: `classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTc1NTU4NDUxOTI5/details`. The page header includes 'CN TE-B 2020' and a user profile icon. The assignment title 'Assignment 4' is prominently displayed, followed by the creator 'Umesh Mantale • Sep 28' and the due date 'Due Oct 12'. The progress indicator shows '9/10'. The assignment instructions are as follows:

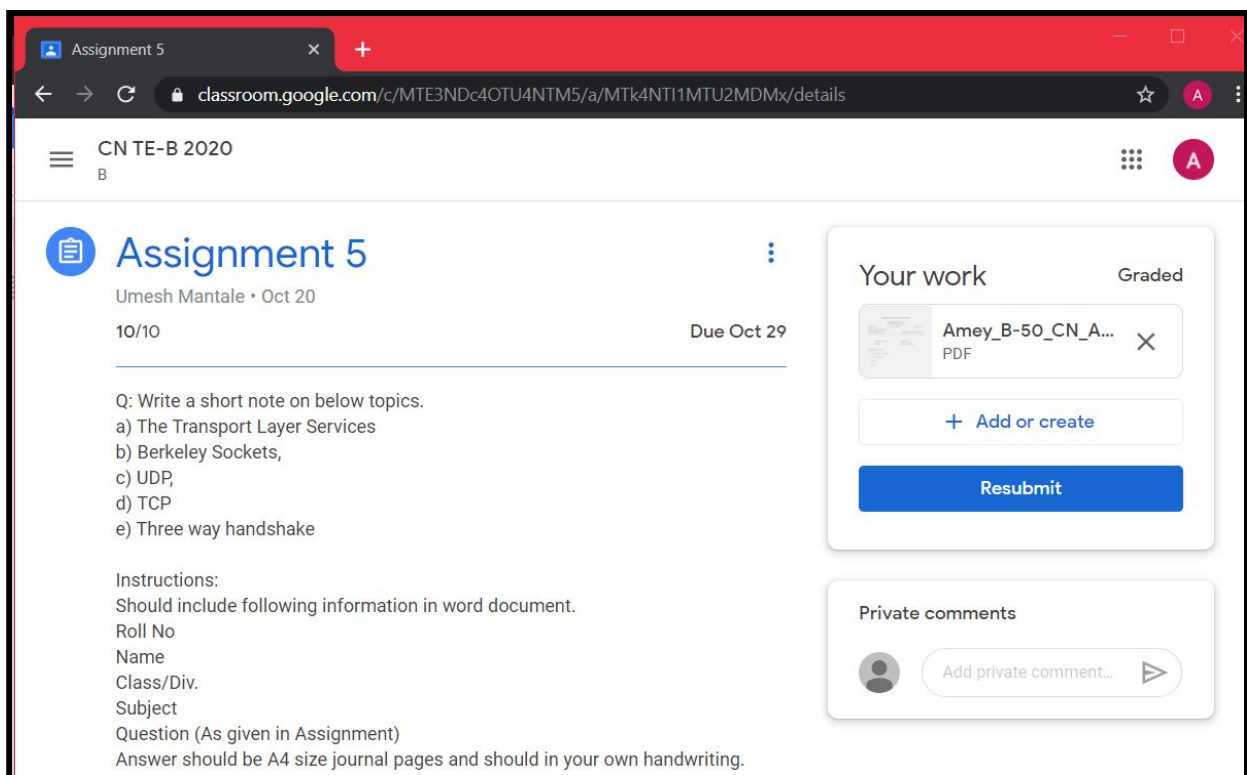
Q1. Solve the following

- a) Discuss the Protocols - ARP, RARP, ICMP, IGMP
- b) Discuss the Congestion control algorithms:  
Open loop congestion control,  
Closed loop congestion control,  
QoS parameters,  
Token & Leaky bucket algorithms.

Note: Should include following information in word document.  
Roll No (on every page top right corner)  
Name  
Class/Div.  
Subject  
Question (As given in Assignment)  
Answer should be A4 size journal pages and should be in your own handwriting.

On the right side, the 'Your work' section shows a 'Graded' status and a list of submitted files, including 'Amey\_B-50\_CN\_A... PDF'. Below this is a '+ Add or create' button and a 'Resubmit' button. The 'Private comments' section at the bottom right features a user profile icon and a text input field with a placeholder 'Add private comment...' and a send button.

## CN Assignment 5 [10/10]



The screenshot shows the Google Classroom interface for 'Assignment 5'. The browser address bar displays the URL: `classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTk4NTI1MTU2MDMx/details`. The page header includes 'CN TE-B 2020' and a user profile icon. The assignment title 'Assignment 5' is prominently displayed, followed by the creator 'Umesh Mantale • Oct 20' and the due date 'Due Oct 29'. The progress indicator shows '10/10'. The assignment instructions are as follows:

Q: Write a short note on below topics.

- a) The Transport Layer Services
- b) Berkeley Sockets,
- c) UDP,
- d) TCP
- e) Three way handshake

Instructions:  
Should include following information in word document.  
Roll No  
Name  
Class/Div.  
Subject  
Question (As given in Assignment)  
Answer should be A4 size journal pages and should be in your own handwriting.

On the right side, the 'Your work' section shows a 'Graded' status and a list of submitted files, including 'Amey\_B-50\_CN\_A... PDF'. Below this is a '+ Add or create' button and a 'Resubmit' button. The 'Private comments' section at the bottom right features a user profile icon and a text input field with a placeholder 'Add private comment...' and a send button.

## CN Assignment 6 [10/10]

The screenshot shows a Google Classroom interface for an assignment titled "Assignment 6". The browser address bar shows the URL: `classroom.google.com/c/MTE3NDc4OTU4NTM5/a/MTk4NTI1MTU2MTA1/details`. The page header includes "CN TE-B 2020" and a user profile icon with the letter "A".

**Assignment 6**  
Umesh Mantale • Oct 20  
10/10 Due Oct 30

Q: Write about working and need of following

- a) DNS;
- b) HTTP;
- c) SMTP;
- d) elnet;
- e) FTP;
- f) DHCP

Instructions:  
Should include following information in word document.  
Roll No  
Name  
Class/Div.  
Subject  
Question (As given in Assignment)  
Answer should be A4 size journal pages and should in your own handwriting.

**Your work** Graded

Amey\_B-50\_CN\_A... PDF

+ Add or create

Resubmit

**Private comments**

Add private comment...

### 3. Quizzes (1 to 6)

Sr.No.	Particulars	Marks
1	CN Quiz 1	06/10
2	CN Quiz 2	06/10
3	CN Quiz 3	05/10
4	CN Quiz 4	05/10
5	CN Quiz 5	09/10
6	CN Quiz 6	09/10

#### 1. CN Quiz 1 [06/10]

## Quiz1-Computer Networks (CSC503) -2020

Total points **6/10** ?

Academic Year 2020-21

Email address \*

ameythakur@ternaengg.ac.in

0 of 0 points

Name

Amey Thakur

Roll No

50

## 2. CN Quiz 2 [06/10]

### Quiz2- Computer Networks(CSC 503) 2020

Total points **6/10** ?

Question based on Physical Layer

Email address \*

ameythakur@ternaengg.ac.in

0 of 0 points

RollNo

50

Name

Amey Thakur

## 3. CN Quiz 3 [05/10]

### Quiz 3 - Computer Networks (CSC 503) 2020

Total points **5/10** ?

Question based on Data Link Layer(DLL)

Email address \*

ameythakur@ternaengg.ac.in

0 of 0 points

Name

Amey Thakur

RollNo

50

#### 4. CN Quiz 4 [05/10]

### Quiz 4 - Computer Networks (CSC 503)

Total points **5/10** ?

Questions based on NW Layer(IP)

Email address \*

ameythakur@ternaengg.ac.in

0 of 0 points

Roll No

50

Name

AMEY THAKUR

#### 5. CN Quiz 5 [09/10]

### Quiz 5 - Computer Networks (CSC 503)

Total points **9/10** ?

Questions based on Transport Layer(TCP)

Email address \*

ameythakur@ternaengg.ac.in

0 of 0 points

RollNo

50

Name

AMEY THAKUR

## 6. CN Quiz 6 [09/10]

### Quiz 6 - Computer Networks (CSC 503)

Total points **9/10** ?

Questions based on Application Layer

Email address \*

ameythakur@ternaengg.ac.in

RollNo

50

Name

AMEY THAKUR

0 of 0 points

## 4. Course exit survey

### CN Exit Theory Survey 27-11-2020

Rate your knowledge about the following concepts.

## 5. Lab exit survey

### CN Lab Exit Survey 27-11-20

Rate your knowledge about the following concepts.