

BACHELOR OF COMPUTER APPLICATIONS (BCA_NEW)

BCA_NEW /ASSIGN/SEMESTER-I

ASSIGNMENTS

(July-2025 & January 2026 Sessions)

BEVAE-181, BEGLA-136, BCS-111, BCSL-013, BCS-012



**SCHOOL OF COMPUTER AND INFORMATION SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

CONTENTS

Course Code	Assignment No.	Submission-Schedule		Page No.
		For July-December 2025 Session	For January-June 2026 Session	
BEVAE-181	BCA_NEW(I)-181/Assignment/2025	31st October, 2025	30th April, 2026	3
BEGLA-136	BCA_NEW(I)-136/Assignment/2025	31st October, 2025	30th April, 2026	5
BCS-111	BCA_NEW(I)-111/Assignment/2025	31st October, 2025	30th April, 2026	6
BCSL-013	BCA_NEW(I)-L-013/Assignment/2025	31st October, 2025	30th April, 2026	8
BCS-012	BCA_NEW(I)-012/Assignment/2025	31st October, 2025	30th April, 2026	11

Important Notes

1. Submit your assignments to the Coordinator of your Study Centre on or before the due date.
2. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to BCA Programme Guide.
3. To become eligible for appearing the Term End Practical Examination for the lab courses, it is essential to fulfill the minimum attendance requirements as well as submission of assignments (on or before the due date). For further details, please refer to the BCA Programme Guide.

Course Code	:	BCSL-013
Course Title	:	Computer Basics and PC Software Lab
Assignment Number	:	BCA_NEW(I)-L-013/Assignment/2025-26
Maximum Marks	:	100
Weightage	:	30%
Last Dates for Submission	:	31st October,2025(For July 2025 Session) 30th April, 2026 (For January 2026 Session)

The assignment has two parts A and B. Answer all the questions. Each part is for 20 marks. WINDOWS and LINUX lab record carries 40 Marks. Rest 20 marks are for viva voce. You may use illustrations and diagrams to enhance the explanations. Please go through the guidelines regarding assignments given in the PGDCA Programme Guide for the format of presentation. If any assumptions made, please state them.

Q1: Answer the following in the context of the Linux Operating System. You must write all the commands that you have used to answer the questions. Also, attach a printout OR a file (may be in PDF format) containing the screenshots of the output.

a) Write and run the following Linux commands and attach the screenshots of the output of each command. **(10 marks)**

- i) date
- ii) man
- iii) mv
- iv) ln
- v) chmod
- vi) find
- vii) diff
- viii) tail
- ix) pwd
- x) grep

b) Create a text file in Linux consisting of 10 lines. Create a copy of this file. Count how many times the word “a” appeared in this file. Display the file permissions of the file created by you. Now, change the file permissions of this file to rw-rw-rw-. **(6 Marks)**

Q2: Create a presentation using any Presentation software on the topic “Importance of JavaScript in Web Development” (minimum 10 slides). The slides should have the following features: **(16 Marks)**

- i) All slides should use a common design template.
- ii) Add an audio file to a slide. Also, add a video file that should run in full-screen mode.
- iii) All the slides should have timer-based transitions.
- iv) All the slides should have proper headings and slide notes.
- v) Each slide should have one image related to the topic.

Write the sequence of steps that you have performed to create these slides. Also, attach a printout OR a file (may be in PDF format) containing the handout of all the slides (6 slides per page).

Q3:

- a) Use a Word Processor to create a document about the BCA programme. It should include (i) a multi-level list highlighting the courses and topics under those courses; (ii) a table consisting of the course name, credits, and the semester of the course; (iii) a paragraph about the objectives of the BCA programme. **(6 Marks)**
- b) Design a flyer on the topic “Advantages of Online Banking”. Use different styles, sizes, fonts, colours and effects. **(10 Marks)**

Write the sequence of steps that you have performed to create the document and flyer. Also, attach a printout OR a file (may be in PDF format) containing the document and flyer.

Q4: Create a worksheet containing the Sales data of a company as given in the following table: **(16 Marks)**

Salesperson Name	Annual Sales in Numbers (N)	Price of each Item (P)	Gross Sales in INR (G)	Discount (10% of G) (D)	Net Sales in INR (NS)	GST (10% of NS)	Amount Receivable with GST (R)
Aana	50000	50					
Mohan	65000	45					
Shyama	60000	36					
Hasan	50000	49					
Deep	45000	54					
Roger	30000	65					

You must enter all the labels and details as given above. You may use the following formulae:

$$G = N * P$$

$$D = 10\% \text{ of } G$$

$$NS = G - D$$

$$GST = 10\% \text{ of } NS$$

$$R = NS - GST$$

Write the sequence of steps that you have performed to create the formulae in different cells. Also, attach a printout OR a file (may be in PDF format) containing the worksheet.

Q5: Use MS Outlook or any other email software to perform the following tasks: **(16 Marks)**

- a) Make a weekly meeting schedule for a group meeting along with two other friends about the agenda, “Birthday Planning”. This weekly meeting should be scheduled for two consecutive weeks.
- b) Write an email to your friends (at least 5) inviting them to attend your Birthday. Make your Signature and add it to the e-mail message.
- c) Create a message that should be sent to all the emails received by you on the 1st of January 2026.

- d)** A person is sending several e-mails to you that you want to delete automatically. Configure your mail account to achieve this functionality.

Make and state suitable assumptions, if any.

Write the sequence of steps that you have performed in different parts of this question. Also, attach a printout OR a file (may be in PDF format) containing the screenshots of the output.