Each student shall be required to submit two assignments in each theory paper of all programmes where no practical/project work is prescribed. For this purpose, the University administration will set out and provide to each student three different topics in each theory paper; out of which he/she will be required to write out and submit assignment work only on two topics of his/her choice in the answer book provided to him/her for this purpose by the University. Both the assignments, each carrying equal marks, shall be evaluated for the purpose of examination. It is again emphasized that writing of two assignments in each theory paper, where no practical / project work is prescribed, is compulsory and unless it is done and assignment copy submitted to the University on the date of the examination of the theory portion of the concerned paper, the study requirement of the student will not be taken to have been completed and he/she will be declared to have failed. Besides, it has, now, been decided by the University to club the marks obtained by a student in his/her assignment work /project work with the marks obtained by him/her in the written examination of that paper to determine his/her pass percentage in the concerned paper. Hence, it is in student's interest that he/she submits the assignment work in time. Students are also advised to prepare their assignments very carefully and meticulously. They must write assignment in their own handwriting. Assignment answers should not be copied from the learning material supplied by the University or from any other source. Assignments must be submitted in the answer books provided to the students by the University for this purpose. In case of loss of assignment copy, fresh assignment copy may be procured from the University on payment.
ASSIGNMENT QUESTIONS (New Batch)
PAPER-I (Communicative English)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. What is horizontal communication?
2. What are advantages and limitations of written communication?
3. What are the seven 'C's of practical communication? Discuss

PAPER-II (Foundation Course in Social & Environmental Science)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. What do you mean by “Man is a social animal”? अनुपथ एक सामाजिक समझते हैं?
3. Enumerate the causes responsible for stress on freshwater resources.

PAPER-III (Fundamentals of IT)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. Define Computers. Describe the characteristics of Computer system in detail.
2. Discuss some output devices used in computers with their functions.
3. What is project management software? Explain.

PAPER-IV (Mathematics)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. Solve the cubic equation $x^3 + 6x^2 + 6x + 8 = 0$
2. (a) Find the equation of tangent and normal to the curve $y^2 = 4ax$ at the point $(at^2, 2at)$
   (b) Find the equation of tangent the curve $x = a \sin t$, $y = a \cos 3t$ at any point $t$ and also at $t = \pi/4$
3. Find the ratio in which the straight line segment joining $(3, -1)$ and $(8, 9)$ is cut by the line $y - x + 2 = 0$.

PAPER-V (Programming Methodology using C) Practical work
PAPER-VI (PC Software and Office Automation) Practical work
PAPER-VII (Computer Organisation)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. What is Programmable Logic Array (PLA)? Explain its working with proper diagram.
2. What is an Interrupt? Discuss various types of Interrupts with examples.
3. Define ALU. Why it is used? Describe ALU organization with diagram.

PAPER-VIII (System Analysis and Design)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. Define a system. Describe different types of systems with examples.
2. Explain the goals of Process modelling with the help of an example.
3. Define SRS and explain the structure of a typical SRS document.

ASSIGNMENT QUESTIONS (Old Batch)
PAPER-I (CS-610)
Answer Any Two Questions. (सभी प्रश्न 10-10 अंकों के हैं)
1. Write essay on any one of the following:
   (a) Computers. (b) Women empowerment. (c) Advantages and Disadvantages of mobile phone
2. Write a paragraph in about 400 words on any one of the following:
   (i) Health is Wealth. (ii) Time is money. (iii) Unity is strength
3. Read the following passage given below and answer and answer the questions that follow:
   Gandhiji always loved his people - Muslims as much as Hindus. Even when Pakistan was formed, he spoke for the Muslims of India Who were so few in number in comparison to Hindus. Many Hindus thought that he favoured the Muslims too much. Nathuram Godse held misguided ideas of his kind. At a prayer meeting at Birla House in New Delhi, Godse shoot Gandhiji, on 30th January,
1948. the great soul died with 'Hey Ram' on his lips. He was murdered, yet he was calm and peaceful even in death. It seemed as if he were sleeping.
(a) Why was Gandhiji shot dead?
(b) Where and when was he assassinated?
(c) How did he look after murder?
(d) Say whether the following statements are true or false:-
   (i) Gandhiji favoured the Muslims. (ii) Gandhiji was shot dead at Birla House. 
   (iii). Nathuram Godse was a Muslim.

PAPER-II (BHSF-101)
Answer Any Two Questions.
1. Write a note on the rise of nation-states.
2. What are the important features of Indian Constitution?
3. What do you understand by the term Renaissance? Discuss.

PAPER-III (CS-611) Practical Work
PAPER-IV (CS-612)
Answer Any Two Questions.
1. Define a browser. Explain any two differences between the two basic categories of browsers.
2. What are Macros in Excel? Write the steps to create and run a Macro.
3. Describe scenario in MS-Excel? Write the advantages of using MS-Excel.

PAPER-V (CS-60)
Answer Any Two Questions.
1. (a) To find differential coefficient of $e^x$ with respect to $x$ with the help of first principle.
   (b) Find $\sqrt{i} + \sqrt{-i}$
2. Using Cardano’s method to solve the following cubic equation: $x^3 + 15x^2 + 7x - 3 = 0$
3. Find the direction ratios and direction cosines of the line drawn from $(-1, 3, 2)$ to $(2, 3, 5)$. 

PAPER-VI (CS-62) PRACTICAL Work