IVC CODE: 319

COMPUTER SCIENCE AND ENGINEERING (C.S & E.)

FIRST YEAR (w.e.f. 2018-19)
VOCATIONAL PRACTICAL QUESTION BANK

PAPER I: **WINDOWS & MS-OFFICE**

PAPER II: **C - PROGRAMMING**

PAPER III: **ENGINEERING DRAWING**

STATE INSTITUTE OF VOCATIONAL EDUCATION
O/o The Commissioner of Intermediate Education
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PAPER – I : WINDOWS & MS OFFICE

COMPUTER SCIENCE AND ENGINEERING
First Year (P.C. 319 / 21)
PAPER – I: WINDOWS & MS OFFICE
QUESTION BANK

SECTION - I

1. Write and demonstrate the procedure for folder options "Creating folder", "Moving the folder from one location to another location, "Renaming the folder" and "Search" the folder in my computer.

2. Write and demonstrate the procedure for control panel options "to create a new user", "to uninstall a software" and "to add a hardware device.

3. Write and demonstrate the functionality of MS –DOS internal External commands.

4. Write and demonstrate the procedure to print a document using different printer options.

5. Write and demonstrate the procedure to create leave letter in Ms-Word.

6. Demonstrate the functionality of options "Clipboard", "Font" options of "Home" tab of MS –Word by taking some text.

7. Demonstrate the functionality of "Paragraph" options of "Home" tab of MS – Word by taking some text.

8. Write and demonstrate to create a table with columns "S.L.NO." , " YEAR" , "NAME OF THE THEORY SUBJET", and "NAME OF THE PRACTICAL" in MS – Word.

9. Demonstrate the procedure of the Mail Merge.

10. Write and demonstrate the Margins, Page orientation, Size options of "Page Layout" tab in MS-WORD.

11. Write and demonstrate the options of options of **"View"** tab of **MS – Excel**.

12. Write and demonstrate for creating a table for marks gained by different students with columns "ROLL NO", "NAME OF THE STUDENT", "GFC"," ENGLISH", "CF &MSO", "Prog. In 'C'" and "Accountancy and Tally" and compute "Total", "Average Mark", "pass or fail" and "Maximum Mark" using "Statistical" commands in MS –EXCEL.

13.   Write and demonstrate for creating a table for the details of different employees with columns Emp.Id, Emp. Name, Designation and salary and use "Inserting Row", "Deleting Row" and "Sort and Filter" in MS-Excel.

14.   Demonstrate the procedure for creating different types of charts and graphs for different pass percentages in different years.

15.   Demonstrate the functionality of "filter" by creating a table with columns "ADMISSION NO", "NAME OF THE STUDENT" , "GENDER", "COURSE NAME" and "SECOND LANGUAGE" in MS-Excel.

16.   Demonstrate the procedure to create a Power point presentation by taking the subject "GENERATIONS OF COMPUTERS" in minimum of five slides.

17.   Demonstrate the procedure for Applying the "Animation" and "Transition" for the power point presentation "GENERATIONS OF COMPUTERS".

COMPUTER SCIENCE AND

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First Year (P.C. 319 / 21)
PAPER – I : WINDOWS & MS OFFICE
MODEL QUESTION PAPER

Time : 3 hours   **Max. Marks : 50**

Section - I   **(1 x 40 = 40 Marks)**

2. Write and demonstrate the procedure for control panel options "to create a new user", "to uninstall a software" and "to add a hardware device.

Section – II

Record   **5 Marks**
Viva   **5 Marks**

Note 1.: In practical examination, only the serial number of the questions will be given. The examiner shall decode it with question bank and give the questions by taking **draw.**

COMPUTER SCIENCE AND
ENGINEERING

First Year (P.C. 319 / 21)
PAPER – I : WINDOWS & MS OFFICE
SCHEME OF VALUATION

Time : 3 hours　　　　　　　　　　　　　　　　　**Max. Marks : 50**

Section - I　　　　　1 x 40 = 40 Marks

(i)　　Procedure　　　　　: 10 Marks
(ii)　　Demonstration　　: 20 Marks
(iii)　　Result　　　　　　: 10 Marks.

Demonstration includes doing experiment on the computer system and explanation of the experiment by the student.
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Section – II

Record　　**:**　　**5 Marks**
Viva　　　**:**　　**5 Marks**

PAPER – II : C - PROGRAMMING

COMPUTER SCIENCE AND ENGINEERING
First Year (P.C. 319/22)
PAPER – II : C - PROGRAMMING
QUESTION BANK

Section – I

1. Write and Execute a C-Program to Addition ,Subtraction, Multiplication, Division and Modulus opetation on two integers.
2. Write and execute a C-Program to caluclae Simple Interest.
3. Write and executeC-Program to calculate total, average and percentage based on a student marks.
4. Write and execute C-program to calculate compound interest.
5. Write and execute C-program to check the given number is even or odd.
6. Write and executeC-program to perform conversion of centimetres to metres and kilometres
7. Write and execute C-program to print multiplication table.
8. Write and execute C-Program to find biggest number among three.
9. Write and execute C-Program to find sum of N natural numbers.
10. Write and execute C-Program to check the given number is Palindrome or not.
11. Write and execute C-Program to print the number pattern given below. 1
                12
                123… etc.
12. Write and executeC-Program to check a given number is perfect or not.
13. Write and execute C-Program to generate a Fibonacci series.
14. Write and execute C-Program to check the given number is Armstrong number or not.
15. Write and execute C-Program to find the Factorial of a given number Using user defined function.
16. Write and execute C-Program for Adding 2 Two Dimensional Matrices.
17. Write and execute C-Program for Multiplication of 2 Two Dimensional Matrices.
18. Write and executeC-Program to sort the elements in ascending order using arrays.

19. Write and execute a C-Program to Store Information and Display it Using Structure.

Section –II

Record   :   **5**

Viva   :   **5**

COMPUTER SCIENCE AND ENGINEERING
First Year (P.C. 319/22)
PAPER – II : C - PROGRAMMING
MODEL QUESTION PAPER

Time : 3 hours   **Max. Marks : 50**

Section - I   **1 x 40 = 40 Marks**

14. Write and Execute a C-Program to check the given number is Armstrong or not?

Section-II

Record   :   5 Marks

Viva   :   5 Marks

COMPUTER SCIENCE AND ENGINEERING
First Year (P.C. 319/22)
PAPER – II : C - PROGRAMMING
SCHEME OF VALUATION

Time : 3 hours   **Max. Marks : 50**

SECTION - I   1 X 40 = 40

Aim	:	02 Marks
Description	:	03 Marks
Algorithm	:	10 Marks
Code	:	15 Marks
Compiling& Execution/Result	:	10 Marks.

Compiling of the cinclude error detection and error correction so It is the main process to be followed before execution
.

SECTION - II

Record	**:**	**5 Marks**
Viva	**:**	**5 Marks**

PAPER – III : ENGINEERING DRAWING

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PAPER – III :
ENGINEERING
DRAWING & IT
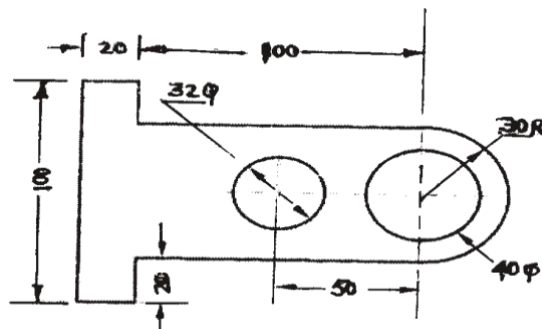## WORKSHOP QUESTION
BANK

Maximum Marks: 50

Duration 3hr.

    i. Answer four questions &**ONE question from each section(compulsory)**..........**4 X 10 = 40**

        ii. Each question carries Ten marks.

        iii. All dimensions are in mm.

SECTION – I

1. Print the following in single-stroke 10 mm size upright lettering "**ENGINEERING DRAWING**"

2. Redraw the following figure and show the dimensions as per SP-46:1988:

3. Draw the external and internal tangents to the two given circles of unequal radii of R_1= 20 mm, R_2 =15 mm and centre distance = 80 mm.
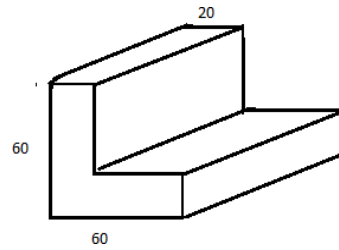
SECTION – II

4. A) Draw the Chain dimensioning for the given diagram.

    B) Trisect the angle 90º.

    5. Divide the given straight line of length 102 mm into 7 equal parts.Computer Science & Engineering
Practical Manual

6. Construct a regular Hexagon with a given radius of 60 mm.

SECTION – III

7. Construct an Ellipse by concentric circles method with major axis 100mm and minor axis as 60mm.

8. Construct a Parabola with given dimensions.

9. Draw the Plan and Elevation of L-section with dimensions 60x40mm with a uniform thickness of 20mm.

10. An isometric view of 'an object' is given below. Draw its **front** view, **top** view and **rightsideview**:

SECTION – IV
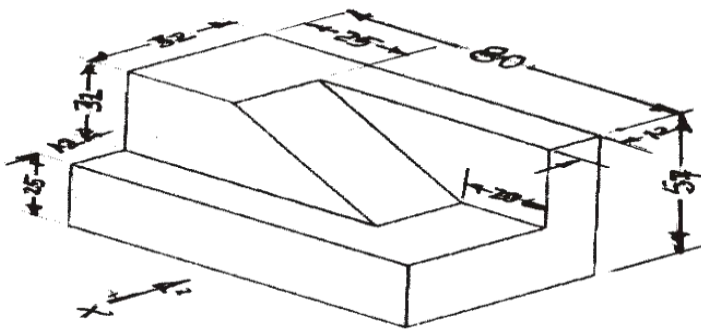
11. Creating a rectangle by using 2D drafting in AUTO CAD.
12. Creating a Polygon by using 2D drafting in AUTO CAD.
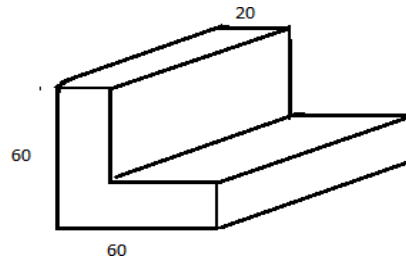13. **Dimensioning a rectangle / Circle/ Polygon** in AUTO CAD

NOTE :Atleast ONE question has to be allotted from each section

COMPUTER SCEINCE AND ENGINEERING
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PAPER – III : ENGINEERING DRAWING
MODEL QUESTION PAPER

Maximum Marks: 50

Duration 3hr.

i. Answer Four questions ....**4 X 10 = 40**
ii. Each question carries Ten marks.
iii. All dimensions are in mm.

1.   Print the following in single-stroke 10 mm size upright lettering "ENGINEERING DRAWING"

5.   Divide the given straight line of length 102 mm into 7 equal parts.

9.   Draw the Plan and Elevation of L-section with dimensions 60x40mm with a uniform thickness of 20mm.

13. Dimensioning a rectangle / Circle/ Polygon in AUTO CAD

RECORD   : 5
VIVA   : 5

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COMPUTER SCEINCE AND ENGINEERING

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PAPER III : ENGINEERING
DRAWING SCHEME OF VALUATION

Time: 3Hours   **Max.Marks : 50**

For each question should be evaluated as below :

Aim	2 marks
Plotting	5 marks
Procedure	3 marks
Record	**5 marks**
Vivo	**5 marks**