

# MODEL QUESTION PAPER

## FIRST TERMINAL EXAMINATION

STD: XI

SUBJECT: COMPUTER SCIENCE

MAX MARKS: 20

DURATION: 1 HR

### Instructions:

1. All questions are compulsory
2. Figure to the right indicate full marks
3. Each main question should be answered on a fresh page

Q 1 A] Choose the correct alternative from those given below. 1  
The command used to list all the word files whose filename starts with 'E' is

- Dir E\*.\*
- Dir E\*.txt
- Dir E\*.docx
- Dir e?.\*

B] Define computer. 1

C] Write a short note on control unit. 2

D] What are the different types of errors encountered in programming. 2

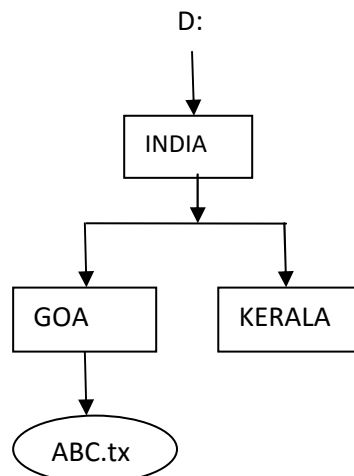
E] Draw a flowchart which accepts three integer numbers and determine the largest number for display. 4

Q 2 A] Choose the correct alternative from those given below. 1  
The 2's complement of  $10010_2$  is \_\_\_\_\_.

- $01101_2$
- $01110_2$
- $01111_2$
- $11010_2$

B] Write the place value of the third digit of 3A7B16 from the least significant digit. 1

C] Consider the following directory structure. 2



Assuming that the current working directory is KERALA, write single command to perform the following:

- i) Copy ABC.txt to KERALA
- ii) Create a file named XYZ.txt in GOA

- D] Perform the following conversions. 3
- i)  $1011011.01_2$  to Decimal
  - ii)  $173.46_8$  to Hexa-Decimal
  - iii)  $193.3125_{10}$  to Octal
- E] Perform the following binary arithmetic operations. 3
- i)  $110.11_2 \times 11.1_2$
  - ii)  $101101_2 / 1001_2$
  - iii) Using 1's complement  
 $11010_2 - 1001_2$