CS-612

BACHELOR OF COMPUTER APPLICATIONS (BCA) (PRE-REVISED)

Term-End Examination

June, 2020

CS-612 : PC SOFTWARE APPLICATION SKILLS

Time : 2 Hours　　　　*Maximum Marks : 60*

Note : (i)　*Question No. 1 is compulsory.*

(ii)　*Attempt any **three** questions from the rest.*

1. (a) Explain Konigsberg bridges problem.　　5

   (b) What is a protocol ? Explain any *two* commonly used Internet protocols.　　5

P. T. O.

(c) What is a macro ? Explain, how macros are created, run and deleted, in Excel.   5

(d) What is the remainder left after dividing $1! + 2! + 3! + 4! + ... + 100!$ by 7 ?   5

(e) Differentiate between VLOOKUP( ) and HLOOKUP( ) functions.   5

(f) Explain, how database can be created using MS-Excel.   5

2. (a) What is Web Browser ? Explain the features any *two* commonly used web browsers.   5

(b) For any prime $P \geq 5$, prove that $P^2 + 2$ is composite.   5

3. (a) Explain the use of format painter in MS-Excel.   4

(b) Explain the use of the following MS-Excel functions : 2 each

   (i) ABS ( )

   (ii) FACT ( )

   (iii) MOD ( )

4. (a) List any *four* types of charts available in MS-Excel. List main components of chart. 5

   (b) What is an e-Mail ? Briefly explain all the components of e-Mail. 5

5. Write short notes on the following : $2\frac{1}{2}$ each

   (a) Pivot table in MS-Excel

   (b) Domain name system

   (c) Search Engine

   (d) TELNET

CS-612

570