TDP (General) 5th Semester Exam., 2024
(held in 2025)

INFORMATION TECHNOLOGY AND E-COMMERCE

(General)

FIFTH PAPER (Group—I)

Full Marks : 80

Time : 3 hours

The figures in the margin indicate full marks for the questions

GROUP—A

1. Answer the following questions : 2×20=40

   (a) Write down two examples of open-source software.

   (b) Give one example of operating system.

   (c) What is booting process?

   (d) What is the function of cache memory?

   (e) What is the keyboard shortcut key to print a document?

(Turn Over)

(f) Name three peripheral devices.

(g) What is the use of count function in MS-Excel?

(h) How to insert page number in an MS-Word document?

(i) What is the function of motherboard?

(j) What is the use of SPSS?

(k) What is EPROM?

(l) What is Bluetooth network?

(m) Write some examples of high-level language.

(n) What do you mean by system software?

(o) Which device converts instructions and data into machine code before processing?

(p) What are the features of a minicomputer?

(q) What is the full form of SQL?

(r) Which computer was the first to be considered as 'supercomputer'?

(s) Name three input devices.

(t) What is the function of SMPS?

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GROUP—B

Answer **four** questions, taking **one** from each Unit

UNIT—I

2. (a) What do you mean by operating system? Write down the functions of the operating system.

(b) What do you mean by topology of LAN? Explain the following with diagrams :

    (i) Ring topology

    (ii) Star topology

    (iii) Bus topology $(1+2)+1+(2\times3)=10$

3. (a) What do you mean by primary memory and secondary memory?

(b) Draw a block diagram of digital computer. Explain the functions of ALU and CU.

(c) What is modem? What are the applications of Internet?

    $2+(2+2)+(1+3)=10$

     (*Turn Over*)

UNIT—II

4. (a) Write steps for creating table in MS-Word. How to make the text of that table bold?

   (b) What is mail merge? What do mean by header and footer in MS-Word?

   (c) What does 'Find' do in MS-Word? What are the steps to save a document on MS-Word? (2+1)+(1+2)+(2+2)=10

5. (a) Write down the functions of the following formulae of MS-Excel :

   (i) SUM

   (ii) MAX

   (iii) Average

   (b) What does 'Filter' do in MS-Excel? Write the applications of MS-Excel.

   (2×3)+(2+2)=10

UNIT—III

6. (a) What is DBMS? Write down the different components of DBMS.

   (b) What are the extensions of MS-Word and MS-Access files?

   (c) What are the uses of MS-PowerPoint?

   (2½+3)+2+2½=10

7. (a) Write down the steps to create a simple query in MS-Access. Also write down the applications of MS-Access.

   (b) Write down the steps to create a new PowerPoint presentation. How to add animation in a PowerPoint presentation? $(2+2)+(4+2)=10$

UNIT—IV

8. (a) What are the components of e-commerce? Write down some features of M-commerce.

   (b) What is accounting software? Give some examples. What are the limitations of e-commerce software? $(2+3)+(2+1+2)=10$

9. Write short notes on the following : $2×5=10$

   (a) TDS

   (b) IP

   (c) Payroll

   (d) Cyber security

   (e) Search engine

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