811 R/E

(**Regular/Ex-Regular**)

CA

(**Commerce**)

[As per 2014–2017 Syllabi]

2 0 1 7 (A)

COMMERCE

COMPUTER APPLICATION

Full Marks : 70

Time : 3 hours

The figures in the right-hand margin indicate marks

ଦକ୍ଷିଣ ପାର୍ଶ୍ୱରେ ଥିବା ସଂଖ୍ୟା ପ୍ରଶ୍ନର ମୂଲ୍ୟାଙ୍କ ସୂଚାଉଛି

*Answer **all** questions from Group—A, 10 bits from Question No. **3**, 3 bits from Question No. **4** of Group—B and 3 questions from Group—C*

କ—ବିଭାଗର **ସମସ୍ତ** ପ୍ରଶ୍ନ, ଖ—ବିଭାଗର ୩ ନଂ ପ୍ରଶ୍ନର ୧୦ଟି, ୪ ନଂ ପ୍ରଶ୍ନର ୩ଟି ପ୍ରଶ୍ନାଂଶ ଏବଂ ଗ—ବିଭାଗର ୩ଟି ପ୍ରଶ୍ନର ଉତ୍ତର ଲେଖ

GROUP—A

କ—ବିଭାଗ

1. Choose the correct answer of the following :

$1 \times 10 = 10$

ନିମ୍ନଲିଖିତଗୁଡ଼ିକ ମଧ୍ୟରୁ ସଠିକ୍ ଉତ୍ତରଟି ବାଛ :

(a) Which of the following is not a common electronic business model?

   (i) B2C

   (ii) B2B

   (iii) C2C

   (iv) G2G

(b) Which of the following identifies a specific web site in the Internet?

   (i) Hyperlink

   (ii) DNS

   (iii) URL

   (iv) e-mail Id

(c) Which protocol is used by the WWW?

    (i) http

    (ii) ftp

    (iii) html

    (iv) IP

(d) The intersection of a row and a column in spreadsheet is called

    (i) data

    (ii) cell

    (iii) field

    (iv) record

(e) Which of the following displays the contents of an active cell?

    (i) Formula bar

    (ii) Menu bar

    (iii) Toolbar

    (iv) Cell pointer

     (*Turn Over*)

(f) Which formula is used to add the range of values A1 to A10?

    (i) @SUM (A1 : A10)

    (ii) @Tot (A1 : A10)

    (iii) @SUM (A1 – A10)

    (iv) =SUM (A1 : A10)

(g) Which of the following is not a valid database command?

    (i) LIST

    (ii) QUIT

    (iii) EXECUTE

    (iv) PACK

(h) Which command is used to erase all the records from a database?

   (i) ERASE

   (ii) RECALL

   (iii) DEL

   (iv) ZAP

(i) Which of the following is a logical operator?

   (i) &

   (ii) &&

   (iii) !=

   (iv) %

(j) Which of the following is a ternary operator?

   (i) Bitwise operator

   (ii) Relational operator

   (iii) Conditional operator

   (iv) Increment operator

2. Answer the following in short :   1×10=10

ନିମ୍ନଲିଖିତ ପ୍ରଶ୍ନଗୁଡ଼ିକର ସଂକ୍ଷେପରେ ଉତ୍ତର ଦିଅ :

(a) Expand GIS.

(b) Write an example of a web browser.

(c) Which network topology uses a central hub?

(d) Which chart in spreadsheet has a circular shape?

(e) Which function in spreadsheet returns the largest value in a set of values?

(f) Write the use of LIST command.

(g) Which command is used to add a record at the end of a database?

(h) What are relational operators in C programming?

(i) Write the complete syntax of scanf( ).

(j) What are increment and decrement operators?

(*Continued*)

GROUP—B

ଖ—ବିଭାଗ

3. Answer any *ten* of the following within *two/three* sentences each: 2×10=20

ନିମ୍ନଲିଖିତ ପ୍ରଶ୍ନଗୁଡ଼ିକର ଉତ୍ତର ଦୁଇ କିୟା ତିନୋଟି ବାକ୍ୟରେ ଲେଖ (ଯେକୌଣସି ଦଶଟି) :

(a) Write the advantages of MIS.

(b) Distinguish between the cc and bc options available in e-mail.

(c) Write the objectives of office automation.

(d) What is a gateway?

(e) Write the difference between delete and cut options in spreadsheet.

(f) What is Auto Fill feature in spreadsheet?

(*Turn Over*)

(g) Distinguish between the COUNT and TOTAL commands in database.

(h) Distinguish between the BROWSE and LIST commands in database.

(i) Write the use of RECALL command in database.

(j) Write the complete syntax of IF–ELSE statement in C programming.

(k) Write a FOR...loop to find the sum of odd numbers between 10 and 100.

(l) Write the use of SWITCH statement in C programming.

4. Answer any *three* questions within *six* sentences each :   3×3=9

ନିମ୍ନଲିଖିତ ପ୍ରଶ୍ନଗୁଡ଼ିକର ଉତ୍ତର ଛଅଟି ବାକ୍ୟରେ ଲେଖ (ଯେକୌଣସି ତିନୋଟି) :

(a) Write the major challenges of e-commerce.

(b) Differentiate between LAN and WAN.

     (Continued)

(c) Write the steps to copy data from one part of a file to another in spreadsheet.

(d) Explain the use of MODIFY command in database.

(e) Distinguish between Break and Continue statements in C programming.

GROUP—C

ଗ—ବିଭାଗ

5. Explain the uses of the following WAN devices :   7

ନିମ୍ନଲିଖିତ WAN ଉପକରଣଗୁଡ଼ିକର ବ୍ୟବହାର ସମ୍ବନ୍ଧରେ ଲେଖ :

(a) Bridge

(b) Gateway

(c) Router

Or / ଅଥବା

Discuss the use of computers in the field of Education, Science and Research.   7

ଶିକ୍ଷା, ବିଜ୍ଞାନ ଓ ଅନୁସନ୍ଧାନ କ୍ଷେତ୍ରରେ computerର ବ୍ୟବହାର ବିଷୟରେ ଆଲୋଚନା କର ।

6. Explain the use of different charts in spreadsheet.   7

   Spreadsheetରେ ଉପଲବ୍ଧ ବିଭିନ୍ନ chartର ବ୍ୟବହାର ବିଷୟରେ ବୁଝାଇ ଲେଖ ।

Or / ଅଥବା

What is data mining? Explain the objectives of data mining. How is data mining related to data warehousing?   7

Data mining କ'ଣ ? Data miningର ମୂଳ ଲକ୍ଷ୍ୟ ବିଷୟରେ ବ୍ୟାଖ୍ୟା କର । Data mining କିପରି Data warehousing ସହିତ ସଂଶ୍ଳିଷ୍ଟ ?

7. Write a C program to generate Fibonacci series up to 20 terms.   7

   Fibonacci seriesର 20ଟି ନମ୍ବର ନିର୍ଣ୍ଣୟ କରିବା ନିମନ୍ତେ C programଟିଏ ଲେଖ ।

Or / ଅଥବା

Write a C program to find the sum of the digits of a 4-digit number.   7

ଗୋଟିଏ 4−ସଂଖ୍ୟା ବିଶିଷ୍ଟ ନମ୍ବରର digitଗୁଡ଼ିକର ସମଷ୍ଟିକୁ ନିର୍ଣ୍ଣୟ କରିବା ପାଇଁ C programଟିଏ ଲେଖ ।

★ ★ ★