

Reg. No. :

Code No. 2052

Name :

**Second Year – JUNE 2016
SAY / IMPROVEMENT**

Time : 2 Hours
Cool-off time : 15 Minutes

Part – III

COMPUTER APPLICATION (Commerce)

Maximum : 60 Scores

General Instructions to Candidates :

- There is a 'cool-off time' of 15 minutes in addition to the writing time of 2 hrs.
- You are not allowed to write your answers nor to discuss anything with others during the 'cool-off time'.
- Use the 'cool-off time' to get familiar with questions and to plan your answers.
- Read questions carefully before answering.
- All questions are compulsory and only internal choice is allowed.
- When you select a question, all the sub-questions must be answered from the same question itself.
- Calculations, figures and graphs should be shown in the answer sheet itself.
- Malayalam version of the questions is also provided.
- Give equations wherever necessary.
- Electronic devices except non-programmable calculators are not allowed in the Examination Hall.

നിർദ്ദേശങ്ങൾ :

- നിർദ്ദിഷ്ട സമയത്തിന് പുറമെ 15 മിനിറ്റ് 'കൂൾ ഓഫ് ടൈം' ഉണ്ടായിരിക്കും. ഈ സമയത്ത് ചോദ്യങ്ങൾക്ക് ഉത്തരം എഴുതാനോ, മറ്റുള്ളവരുമായി ആശയവിനിമയം നടത്താനോ പാടില്ല.
- ഉത്തരങ്ങൾ എഴുതുന്നതിന് മുമ്പ് ചോദ്യങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- എല്ലാ ചോദ്യങ്ങൾക്കും ഉത്തരം എഴുതണം.
- ഒരു ചോദ്യനമ്പർ ഉത്തരമെഴുതാൻ തെരഞ്ഞെടുത്തു കഴിഞ്ഞാൽ ഉപചോദ്യങ്ങളും അതേ ചോദ്യനമ്പറിൽ നിന്ന് തന്നെ തെരഞ്ഞെടുക്കേണ്ടതാണ്.
- കണക്ക് കുട്ടലുകൾ, ചിത്രങ്ങൾ, ഗ്രാഫുകൾ എന്നിവ ഉത്തരപേപ്പറിൽ തന്നെ ഉണ്ടായിരിക്കണം.
- ചോദ്യങ്ങൾ മലയാളത്തിലും നൽകിയിട്ടുണ്ട്.
- ആവശ്യമുള്ള സ്ഥലത്ത് സമവാക്യങ്ങൾ കൊടുക്കണം.
- പ്രോഗ്രാമുകൾ ചെയ്യാനാകാത്ത കാൽക്കുലേറ്ററുകൾ ഒഴികെയുള്ള ഒരു ഇലക്ട്രോണിക് ഉപകരണവും പരീക്ഷാഹാളിൽ ഉപയോഗിക്കുവാൻ പാടില്ല.

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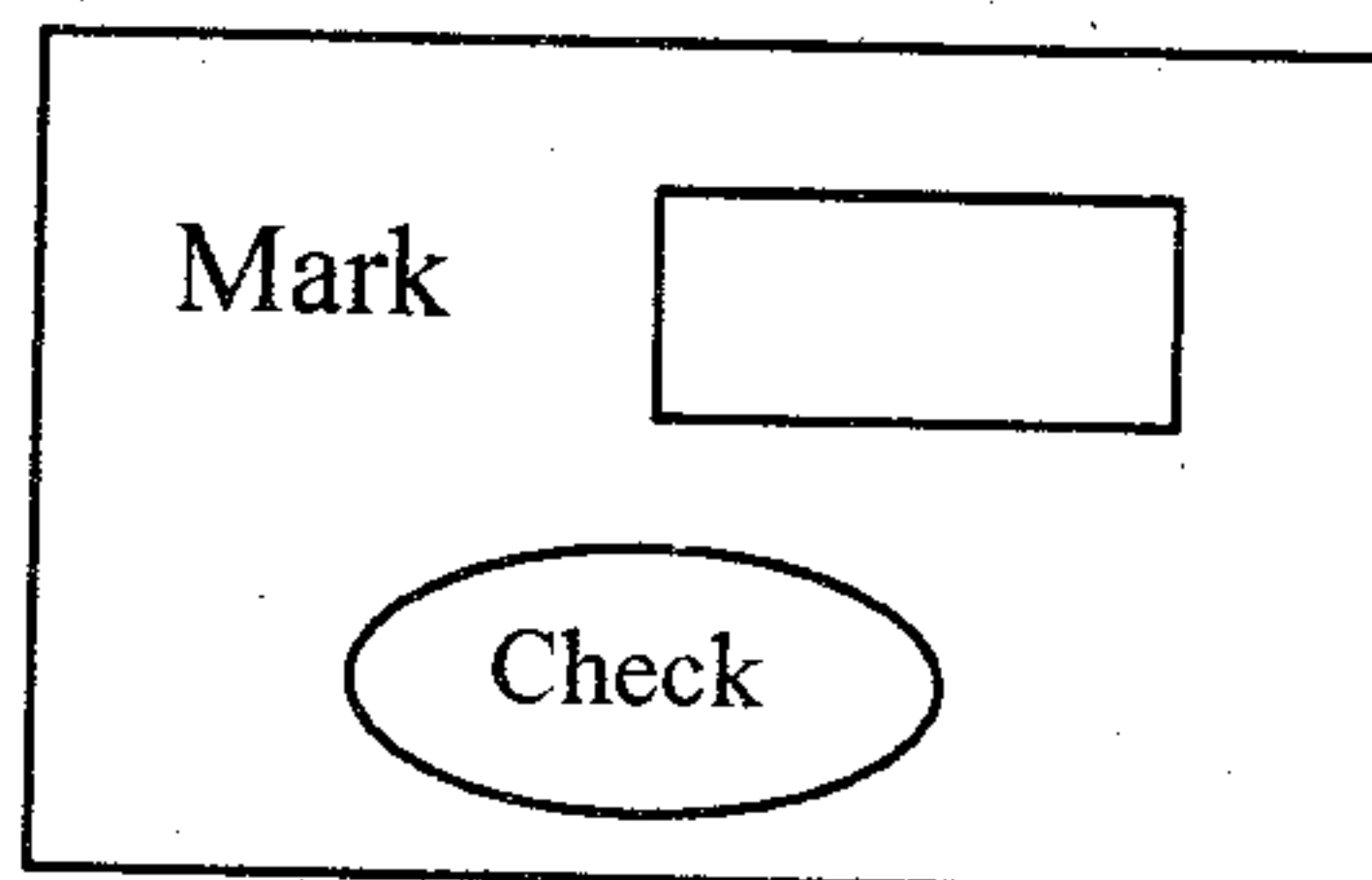
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P.T.O.

1. _____ is an exit control loop.
- (a) for loop (b) while loop
(c) do-while loop (d) break (Score : 1)
2. Explain switch statement with an example. (Scores : 3)
3. How does a 'goto' statement work ? (Scores : 2)
4. Answer any of the following questions 4(a) or 4(b).
- (a) Write a C++ program to accept a string and find the length of the string without using built in function. Use a character array to store the string.
- OR**
- (b) Write a program to input 'N' numbers into an integer array and find the largest number in the array. (Scores : 5)
5. Answer any of the following questions 5(a) or 5(b).
- (a) Define an array. Give an example of an integer array declaration.
- OR**
- (b) Consider the following C++ code
- ```
char text [20] ;
cin >> text ;
cout << text ;
```
- If the input string is "Computer Programming", what will be the output ? Justify your answer. (Scores : 2)
6. \_\_\_\_\_ function is used to check whether a character is alphanumeric.
- (a) isdigit( ) (b) isalnum( )  
(c) isupper( ) (d) islower( ) (Score : 1)

7. Explain any three string function with example. (Scores : 3)
8. Write a function that accept 3 numbers of type float as argument and return the average of three numbers. Write program which use this function to find the average of three numbers using C++. (Scores : 3)
9. \_\_\_\_\_ tag is used to make the size of the text smaller than current text in HTML.  
(a) < b > (b) < small >  
(c) < sub > (d) < sup > (Score : 1)
10. Compare client side scripting and server side scripting. (Scores : 2)
11. Nila wanted to set the picture "sky.jpg" as the background of his web page. Choose the correct tag for doing this.  
(a) < IMG SRC = "sky.jpg" >  
(b) < BODY SRC = "sky.jpg" >  
(c) < IMG BACKGROUND = "sky.jpg" >  
(d) < BODY BACKGROUND = "sky.jpg" > (Score : 1)
12. \_\_\_\_\_ attribute of < frame > tag is used to prevent users from resizing the border of a specific frame by dragging it.  
(a) scrolling (b) No resize  
(c) margin width (d) margin height (Score : 1)
13. Explain < OL > tag with suitable example. (Scores : 3)

14. Design the following web page to enter the mark of a student :



- (a) Write HTML code for the website.
- (b) Provide validations for the text box using JavaScript. The mark should be in the range 0 to 100 and should be a number. The text box should not be empty. (Scores : 3)

15. Compare shared hosting and VPS. (Scores : 3)

16. \_\_\_\_\_ provide an easy way to design and manage attractive websites.

- (a) free hosting
- (b) CMS
- (c) WHOIS
- (D) FTP

(Score : 1)

17. What is SFTP ? (Scores : 2)

18. Explain the components of DBMS. (Scores : 5)

19. The number of attributes in a relation is called \_\_\_\_\_.

- (a) tuple
- (b) degree
- (c) cardinality
- (d) domain

(Score : 1)

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20. \_\_\_\_\_ clause of SELECT query is used to apply condition to form groups of records.
- (a) orderby (b) groupby  
(c) having (d) where (Score : 1)

21. What is a view ? How can we create a view using SQL statement ? (Scores : 2)

Answer any of the following question 22(a) or 22(b).

22. (a) Explain the SQL statements used to insert and delete data from a table.

**OR**

- (b) Explain any two DDL commands. (Scores : 3)

23. Explain the benefits of ERP system. (Scores : 3)

24. DSS stands for \_\_\_\_\_.

- (a) Digital Signal System  
(b) Design Support System  
(c) Decision Support System  
(d) Database Support System (Score : 1)

25. In \_\_\_\_\_ system several transmitters can send information simultaneously over a single communication channel.

- (a) CDMA (b) GPS  
(c) GSM (d) None of these (Score : 1)

26. GPS is very useful for tracking vehicles by transport company. How is it possible? (Scores : 2)

27. SIM stands for \_\_\_\_\_.

- (a) Subscriber Information Module
- (b) Subscriber Identity Module
- (c) Subscriber Identity Machine
- (d) Subscriber Information Memory

(Score : 1)

28. What is Cyber Crime ? Write a short note on any two cyber crimes against individuals. (Scores : 3)