

Total No. of Questions : 3]

SEAT No. :

**P978**

[Total No. of Pages : 2

**[4863]-1033**

**F.Y. B.Com. (Vocational Course)**  
**COMPUTER APPLICATION - II**  
**(2013 Pattern) (Paper - II)**

*Time : 2 Hours]*

*[Max. Marks : 40*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

**Q1)** Answer the following (Any Five) :

**[20]**

- a) Explain relational operators with example.
- b) Explain any two Data Types in C.
- c) Explain evolution of programming language.
- d) What is pointer?
- e) Explain strlen() and strrev() functions.
- f) Explain if .....else statement with syntax and example.
- g) Explain the terms:
  - i) Keywords
  - ii) Identifiers

**Q2)** Write a program to solve following : (Any Two)

**[10]**

- a) Write a program to accept no. and find whether the no is prime no.
- b) Write a program to count the vowels in a string.
- c) Write a program to calculate sum of digits of a given number.

**P.T.O.**

**Q3)** Find the output (Any two) :

**[10]**

- a) `#include <stdio.h>`  
`void main()`  
`{`  
`int a=10, b=11;`  
`int c;`  
`c=(a<b)?a:b`  
`printf(“%d”,c);`  
`}`
- b) `void main()`  
`{`  
`int b[]={5,10,15,20,25}`  
`int i,*ptr,`  
`ptr=&b[4]-3;`  
`for(i=1;i<4;i++)`  
`{`  
`printf(“%d”,*ptr);`  
`ptr++;`  
`}`  
`}`
- c) `void main()`  
`{`  
`float a,b,c;`  
`a=2.5; b=3.2; c=1.5;`  
`if(a>=b && b>=c)`  
`printf(“Largest Number = %.2f”,a);`  
`else if(b>=a && b>=c)`  
`printf(“Largest Number=%.2f”,b);`  
`else`  
`printf(“Largest Number=%.2f”,c);`  
`}`

