

This question paper contains 4 printed pages]

Roll No.

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S. No. of Question Paper : 7216

Unique Paper Code : 62343502

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Name of the Paper : Open Source Software

Name of the Course : B.A. (Prog.) Computer Applications :

Skill Enhancement Course

Semester : V

Duration : 2 Hours

Maximum Marks : 25

(Write your Roll No. on the top immediately on receipt of this question paper.)

Question No. 1 is compulsory.

Attempt any three questions from the remaining five questions.

1. (i) GAMBAS responds to events using

1×10

(a) a code procedure (b) an event procedure

(c) a form procedure (d) a property

P.T.O.

(ii) What value will be assigned to the numeric variable x when the following statement is executed ?

$$x = 2 + 3 * 4 ^ 2$$

- (a) 10
- (b) 146
- (c) 50
- (d) 400

(iii) Variable declaration is done using the keyword.

- (a) Var
- (b) Dim
- (c) Declare
- (d) Static

(iv) Variables declared inside a procedure or function have

- (a) local scope
- (b) procedure-level scope
- (c) class-level scope
- (d) global scope

(v) Keywords are also referred to as :

- (a) reserved words
- (b) variable names
- (c) constant names
- (d) user defined names

(vi) tool allows drawing with free-hand.

- (a) Text
- (b) Lasso
- (c) Fuzzy selection
- (d) Bucket fill

(vii) Shift + C is the shortcut to an image in GIMP.

- (a) duplicate (b) cut
(c) copy (d) crop

(viii) GIMP is covered by open source software license.

- (a) GPL (b) LGPL
(c) Mozilla (d) BSD

(ix) is the file extension of a GIMP project file ?

- (a) PSF (b) XCF
(c) XOF (d) PCF

(x) What will happen if GIMP image is bigger than the image window ?

- (a) Image resize dialog box appears
(b) GIMP displays the image in a reduced zoom level
(c) Error message is shown
(d) Image is not displayed

2. (a) Highlight three features of MIT License.
(b) What do you understand by "generational principle in open source software licensing ?
3. (a) What do you mean by open source software ?
(b) Explain *three* disadvantages of open source s
4. Explain *five* open source definitions propounded by C Initiative.
5. (a) How is LGPL different from GPL ?
(b) Differentiate between Contributor and Licensee source software.
6. (a) Explain three limitations of copyright.
(b) List *four* popular open source softwares application areas.