



DG-3181

**Third year B. Sc. (Sem. V)
(Computer Science) Examination**

March / April - 2016

Generic Elective (IDS) - 507-1 : Open Source Tools

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
Third year B. Sc. (Sem. V) (Computer Science)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Generic Elective (IDS) - 507-1 : Open Source Tools	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2.....) : <input type="text" value="Nil"/>	
Student's Signature	

1 Give the answer of following : 14

- (1) What do you mean by Open Source ? Why we need it ?
- (2) What are the ethics of Open Source ?
- (3) Describe the term GIMP. How to create and load new image ?
- (4) List out some application of open source with their uses.
- (5) What do you mean by Layers and Mask ? Describe the use of them.
- (6) Write advantages and disadvantages of open source tools.
- (7) Describe difference between shared software and shared sources.

2 (a) Explain how open source helpful as a teaching tool. 7

(b) Explain Alpha channel. 7

OR

2 (a) Write the Shared Software and Shared Source in detail. 6

(b) Explain Open Source project development process. 8

- 3 (a) What are the layers and dialog used to edit any image using GIMP ? Explain it. 7
- (b) Explain how to maintain the open source project. 7
- OR**
- 3 (a) Explain open source and open software with any application of it. 7
- (b) Explain different image types which editable with GIMP tools. 7
- 4 (a) Explain any one case study of Open Source Tool. 7
- (b) Explain Open Source government. 7
- OR**
- (b) Explain Open Source and Closed Source Software. 7
- 5 Explain notes : (any two) 14
- (1) Channel Masks and selection
- (2) FOSS
- (3) Open Source Design.
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