

2011000305030048
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
(COMPUTER SCIENCE)
OPEN SOURCE TOOLS P-507 -1 LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

- 1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination : **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject : **(COMPUTER SCIENCE) OPEN SOURCE TOOLS P-507-1 LEVEL 3**
 - c. Subject Code No : **2011000305030048**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer the following questions.

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1. Define open source? State reasons to use it.
2. list out any four open source tools which helps to build programs.
3. State full forms of FOSS and GIMP.
4. Is Linux reliable? State reasons.
5. Define conversions of selection in GIMP.
6. What is Gradients?
7. What do you mean by open source hardware?

Q.2 Answer the following questions.

1. What do you mean by freedom for free software?

6

2. Write advantages and disadvantages of open source software. **6**

OR

Answer the following questions.

1. Write note on Linux & its features. **6**
2. Differentiate free software and open source software. **6**

Q.3 Answer the following questions.

1. Describe open source initiatives in detail. **6**
2. How shared software & resources help to build open source project? **6**

OR

Answer the following questions.

1. Write note on open standards principles. **6**
2. Write a note on any one open source software with its roles & features. **6**

Q.4 Answer the following questions.

1. Give features and capabilities of GIMP. **6**
2. Write note on Channels Dialog in GIMP. **6**

OR

Answer the following questions.

1. What are layers? Explain role of layer & which operations can be performed on layers? **6**
2. Explain types of images & its purpose. **6**
