

Name:

Enrollment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Licensing in OSS
Program: B.Tech-CSE+OSS&OS
Course Code: CSEG 458

Semester: VIII
Time: 03 hrs.
Max. Marks: 100

Instructions: Attempt all the questions.

SECTION A

| S.No. | | Marks | CO |
|-------|--|-------|-----|
| Q 1 | What is “open source” software? | 4 | CO2 |
| Q 2 | Can I stop “evil people” from my program launched under open source license? | 4 | CO2 |
| Q 3 | State the four essentials kinds of software freedom that qualifies a product as OSS. | 4 | CO2 |
| Q 4 | What is copyright infringement? | 4 | CO1 |
| Q 5 | Can you sell open source programs even though you would not have written them? Justify your answer. | 4 | CO2 |

SECTION B

| | | | |
|-----|--|----|-----------------|
| Q 6 | Distinguish between copyright and copyleft. | 10 | CO1 |
| Q 7 | “Software, when distributed in binary form, is a black box which hides its internal structure.” Justify the statement. | 10 | CO1 |
| Q 8 | List down the exclusive rights given to a copyright holder. Discuss the effect of open source licensing on such rights under copyright law. | 10 | CO1 & CO2 |
| Q 9 | Which type of license is used by Wikipedia for all of its text? Describe the features of that license? OR Distinguish between GNU Free Documentation License and Creative Commons Attribution Share Alike License. | 10 | CO4 |
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SECTION-C

| | | | |
|------|--|----|-----|
| Q 10 | (a) Let you have two or three programs with each having its own license. Discuss | 20 | CO3 |
|------|--|----|-----|

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|------|--|----|---------------------------------------|
| | <p>how they can merged or linked with one another.</p> <p>(b) Differentiate among freeware, shareware, and public domain.</p> | | |
| Q 11 | <p>Discuss the following:</p> <p>(a) 2-clause BSD vs. 3-clause BSD</p> <p>(b) Derivative works vs. Distributive works</p> <p>(c) Weak copyleft vs. Strong copyleft</p> <p>(d) Copyrightable vs. Noncopyrightable</p> <p style="text-align: center;">OR</p> <p>Describe the following:</p> <p>(a) Design Science License (DSL)</p> <p>(b) GPLv3</p> <p>(c) LGPL</p> <p>(d) Artistic License</p> | 20 | CO1, CO2 & CO4 |
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| Name: |  UPES UNIVERSITY WITH A PURPOSE |
| Enrollment No: | |

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Licensing in OSS
Program: B.Tech-CSE+OSS&OS
Course Code: CSEG 458

Semester: VII
Time: 03 hrs.
Max. Marks: 100

Instructions: Attempt all the questions.

SECTION A

| S.No. | | Marks | CO |
|-------|--|-------|-----|
| Q 1 | What is “free software” and is it same as “open source”? | 4 | CO2 |
| Q 2 | Can the author restrict how people use as open source licensed program? | 4 | CO2 |
| Q 3 | Are the softwares in the public domain open source softwares? Discuss briefly. | 4 | CO2 |
| Q 4 | Differentiate between the copyright and license. | 4 | CO1 |
| Q 5 | Discuss your understanding of license compatibilty. | 4 | CO3 |

SECTION B

| | | | |
|-----|---|----|-----|
| Q 6 | How is the modified-BSD license different from simplified-BSD license? | 10 | CO2 |
| Q 7 | Differentiate among weak-copyleft license, strong-copyleft license, and permissive license. | 10 | CO2 |
| Q 8 | What are the exclusive rights given to a copyright holder? Discuss each of them in detail. | 10 | CO1 |
| Q 9 | Distinguish between Free and Non-Free Documentation License with suitable examples. <p style="text-align: center;">OR</p> Which type of license is used by Wikipedia for all of its text? Describe the features of that license? | 10 | CO4 |
| | | | |

SECTION-C

| | | | |
|------|--|----|-----|
| Q 10 | (a) Let you have two or three programs with each having its own license. Discuss | 20 | CO3 |
|------|--|----|-----|

| | | | |
|------|---|-----------|---------------------------------------|
| | <p>how they can merged or linked with one another.</p> <p>(b) Differentiate between GPL-compatible free softwares and GPL-incompatible free licenses using suitable examples.</p> | | |
| Q 11 | <p>Discuss the following:</p> <p>(a) Apache 1.0 vs. Apache 2.0</p> <p>(b) Derivative works vs. Distributive works</p> <p>(c) OSI and OSD</p> <p>(d) Copyrightable vs. Noncopyrightable</p> <p style="text-align: center;">OR</p> <p>Describe the following:</p> <p>(e) EULA</p> <p>(f) GPLv2</p> <p>(g) Free Art License</p> <p>(h) MPL</p> | 20 | CO1, CO2 & CO4 |
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