

DURATION: - 2½ hrs

FYCS-814051223-OST(05)

MARKS:- 75

Note: - (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Figures to the right indicates full marks

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| Q.1) Attempt (Any 4) | 20M |
| 1) Explain open source development model | CO1-U |
| 2) Differentiate between copyright and copyleft | CO1-U |
| 3) Describes patent | CO1-R |
| 4) Write short note on software freedom | CO1-R |
| 5) Differentiate between free software and proprietary software | CO1-U |
| 6) Write a short note on open source software | CO1-R |
| Q.2) Attempt (Any 4) | 20M |
| 1) Explain contributing to Wikipedia | CO2-U |
| 2) Write a short note on Interacting with the community on github | CO2-R |
| 3) How student can be started contributing to open source software project | CO2-U |
| 4) What is the github? How one can contribute to it? Explain with steps. | CO2-R |
| 5) Explain open source government | CO2-U |
| 6) What is open source ethics? | CO2-R |
| Q.3) Attempt (Any 4) | 20M |
| 1) Write short note on android | CO3-R |
| 2) What is free BSD? Explain it? | CO3-R |
| 3) What is virtualization | CO3-R |
| 4) Explain LAMP | CO3-U |
| 5) Describe open source database technologies | CO3-U |
| 6) Explain about open source hardware | CO3-U |
| Q.4) Attempt (Any 5) | 15M |
| 1) Write the difference between open source software and free software | CO1-R |
| 2) Explain open source license | CO1-U |
| 3) Write a short note testing open source code | CO2-R |
| 4) Give introduction to Wikipedia | CO2-U |
| 5) Explain the features of android | CO3-U |
| 6) Advantages of virtualization | CO3-R |
