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MLIL-004

**POST GRADUATE DIPLOMA IN
LIBRARY AUTOMATION AND
NETWORKING
(PGDLAN)**

**Term-End Examination
June, 2023**

**MLIL-004 : NETWORKING AND INTERNET
TECHNOLOGY**

Time : 2 Hours

Maximum Marks : 50

(Practical Work : 40

Viva Voce : 10

(Weightage : 40%)

Note : (i) *Attempt all the questions.*

(ii) *Show the output/result you examiner.*

(iii) *Save you output/result in system for checking.*

(iv) *Follow instruction given against each question.*

(v) *Printout of the answers wherever required should be taken in a sheet duly signed by RD with his/her stamp.*

(vi) *Write your Roll. No., Study centre and date of examination on these sheets.*

(vii) *Candidates are not permitted to use any manual / handbook in carrying out the practical.*

P. T. O.

1. (a) Check network connectivity of DU server (du.ac.in) by using ping command and report. 3+3
 - (i) IP address of DU server.
 - (ii) Last line of the response.
- (b) Check IP configuration of your computer and report. 3
- (c) Gateway and subnet mask. 3
2. (a) Configure your machine to perform the following tasks :
 - (i) FTP through client. 4
 - (ii) TCP/IP using local server and machine IPS. 4
- (b) Configure your browser to set www. ignou ac. in as the default webpage. 2
- (c) Find out the network switches available in the network system of your labs. 2
3. Access DOAJ (www.doaj.org) and find out the following (as on date) :
 - (i) How many open access journals are being published in the area of library and information science ? 2
 - (ii) How many journals are searchable at Article level ? 2

- (iii) How many countries are publishing open access journals ? 2
 - (iv) How many total OA articles are available in all subjects ? 2
4. Access the library of congress online catalogue (<https://catalog.loc.gov>) and find out the following :
- (i) Search books on 'Library automotion'. Find out how many books are available in English language. 4
 - (ii) Using Z39.50 Gateway, retrieve any *two* records on 'Digital Library' in Tagged display format. 4