



Faculty of Computers  
and Artificial Intelligence

Network Programing  
3<sup>th</sup> level

year: 2022  
Date: 10/5/2022  
Time: 1 hours

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**Q1. Multiple Choice Questions (MCQs) (20 DEGREE)**

- 1 Which of the object we use to get the username ?
  - a Os.getusername
  - b Os.username
  - c socket.gethostname()
  - d os.getlogin()
- 2 ..... To get privated ip
  - a socket.gethostbyname(hostname)
  - b socket.gethostname(hostname)
  - c Both A and b
  - d None of above
- 3 .....used least 99% of the sockets in use as socket family
  - a AF\_UNIX
  - b AF\_INET
  - c both a and b
  - d AF\_UNIX
- 4 SOCK\_STREAM(for ..... ) or SOCK\_DGRAM(for .....)
  - a Tcp , Tcp
  - b Upd, Upd
  - c Tcp,Upd
  - d UPd,Tcp
- 5 Whit is the output  
import socket  
  
service = socket.getservbyport(22)  
  
print (service)
  - a Ftp
  - b ssh
  - c telnet
  - d None of above
- 6 ..... method transmits TCP message
  - a Sendto ()
  - b Send ()
  - c Recv ()
  - d Recvfrom()

7     What is the output  
      msg ="network"  
  
      msg=msg.encode()  
  
      print (msg)

- |   |            |   |               |
|---|------------|---|---------------|
| a | 'network'b | b | 'network'     |
| c | b'network' | d | None of above |

8     import requests  
  
      print(requests.get('http://ip.42.pl/raw').text)

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|---|-------------|---|-------------|
| a | Ip and port | b | privated ip |
| c | dns         | d | public ip   |

9     Socket acts on .....

- |   |              |   |               |
|---|--------------|---|---------------|
| a | IP Address   | b | Port Number   |
| c | Both a and b | d | None of above |

10    Ntplib is .....

- |   |                       |   |                           |
|---|-----------------------|---|---------------------------|
| a | network time protocol | b | Network template protocol |
| c | Both of a and b       | d | None of above             |

"Good Luck"

Dr/ Hamdy Hassan El-Sayed