QUIZ MODEL FOR THE WRITTEN TEST OF THE DIPLOMA EXAM

IN THE DISCIPLINE "COMPUTER NETWORKS AND OPERATING SYSTEMS"

Study program: Telecommunications Technologies and Systems

(1.5p) 1. The address 109.70.210.14 is class:

- ❑ A
- ❑ B
- ❑ C
- ❑ D

(1.5p) 2. The data unit is called a "packet" on the OSI layer:

- ❑ 1
- ❑ 2
- ❑ 3
- ❑ 4

(1.5p) 3. In the 193.220.30.0 network, the subnet mask is 255.255.255.224. How many host addresses can be assigned in one subnet?

- ❑6
- ❑14
- ❑30
- ❑62

(1.5p) 4. The CRC codes apply on the OSI layer:

- ❑ Data link
- ❑ Network
- ❑ Transport
- ❑ Application

(1.5p) 5. The NTP protocol works on the TCP/IP layer:

- ❑ Network access
- ❑ Internet
- ❑ Transport
- ❑ Application

(1.5p) 6. Routing packets on the Internet is the function of an equipment of type:

- ❑ hub
- ❑ bridge
- ❑ router
- ❑ switch

(One point is awarded automatically to the total score.)

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