1. (Single) Which of the following statements about OpenFlow is incorrect?( D )
2. OpenFlow is a protocol used to configure network switches. The process is similar to the application programming interface (API).
3. OpenFlow is an open source protocol.
4. OpenFlow switches forward packets based on flow tables.
5. OpenFlow is implemented through XML.
6. (Multiple) OpenFlow matches and processes network packets based on user-defined or preset rules. Which of the following are the components of an OpenFlow rule?( ABCD )
7. Match Fields
8. Priority
9. Processing instructions
10. Statistics (such as Counters)
11. (Multiple) Which of the following statements about the key features of Network Functions Virtualization (NFV) is false?（ AB ）
12. Centralized control and global efficiency optimization
13. Open interfaces and accelerate service rollout
14. Cloud-based upper-layer services and standard underlying hardware
15. Hierarchical operation, accelerating service rollout and innovation
16. (Multiple) In the SDN network architecture, which of the following belong to the application layer?（ AB ）
17. Openstack
18. Third-party app platform
19. Server
20. Switch
21. (Multiple) Huawei SDN network architecture supports various southbound and northbound interfaces, including OpenFlow, OVSDB, NETCONF, PCEP, RESTful, SNMP, BGP, JsonRPC, and RESTCONF. ( A )
22. True
23. False
24. (Multiple) Which of the following statements about Huawei SDN solution are true? ( BCD )
25. The solution supports various SBI protocols, such as RESTful, NETCONF, and OVSDB.
26. OpenFlow can be used as the SBI protocol.
27. The solution integrates management, control, and analysis to build a simplified network.
28. The solution provides open and programmable network interfaces to support third-party application development and system interconnection.
29. Please briefly describe the benefits of NFV.

A: NFV aims to address issues such as complex deployment and O&M and service innovation difficulties due to large numbers of telecom network hardware devices. NFV brings the following benefits to carriers while reconstructing telecom networks:

* 1. Shortened service rollout time
  2. Reduced network construction cost
  3. Improved network O&M efficiency
  4. Open ecosystem