< 22636> :< Emerging Trends in Electronics>< Next Generation of Network><UO3a.2:Explain the function of Next Generation Network components.>

: <Assessments> :< Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| Media Gateways are located in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of NGN. | \_\_\_\_\_\_\_\_\_\_\_\_supports servicessuch as voice or video telephonysubscribe and message. | \_\_\_\_\_\_\_\_\_\_\_\_\_ provides functions such as media conversion and echo control. |
| Recall/ Remembering | Understanding | Application |
| 1. Access Layer | a)Network components | a) Trunk Media gateway |
| b) Transport Layer | b) Modem | b)Access gateway |
| c)Control Layer | c)PSTN/ISDN emulation servicecomponent | c)Signaling gateway |
| d) Service Layer | d)IP multimedia service component | d)Border Gateway |
| Ans: <a> | Ans: <d> | Ans: <b> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| The \_\_\_\_\_\_\_\_\_ provides the signaling interface between the VoIP network and the PSTN signaling network | Pick the odd one out of the NGN Network components | Session Border Controllerprovides functions such as \_\_\_\_\_\_\_\_\_\_\_. |
| Recall/ Remembering | Understanding | Application |
| a)Signaling gateway | a)Access gateway | a)Network Address Translation and Firewall Traversal. |
| b) Access gateway | b) PSTN | b) Call logic and call control functions |
| c)Border Gateway | c) GSM | c)Packetisation, echo control |
| d) Trunk Media gateway | d) Trunk Media gateway | d)Announcements and tones, and collect user information. |
| Ans: <a> | Ans: <c> | Ans: <a> |