< DE/EJ/ET/EN/EX/EQ/IE/IS/IC> :< 22636> :< Emerging Trends in Electronics> :< Next Generation Network> :<UO3e> :<Explain the Multi-Protocol Label Switching in NGN core.> : <Assessments>: < Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| In MPLS for TTL (Time to Live) the Number of bits used are \_\_\_\_\_\_\_\_ | In MPLS Network, at the first Edge LSR, label is added to the packet. This process is called\_\_\_\_ | MPLS technology efficiently supports to- |
| Recall/ Remembering | Understanding | Application |
| a) 20 | a) PUSH | a) Network services |
| b) 3 | b)POP | b) IP Based services |
| c) 1 | c)SWAP | c) Circuit based services |
| d) 8 | d)XCH | d)Packet-based services |
| Ans: <d> | Ans: <a> | Ans: <d > |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| A \_\_\_\_\_\_\_\_\_\_\_\_ is a router that supports MPLS. | Pick the odd one out of theLSRs exists in an MPLS network: | In MPLS, label value can be in between \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Recall/ Remembering | Understanding | Application |
| a) Label switch router | a) Egress | a)0 and 65536 |
| b) Edge Routers | b) Intermediate | b) 0 and 255 |
| c)  Broadband Routers | c) Ingress | c)0 and 1024 |
| d) Core Routers | d) At the end | d)0 and 1048575 |
| Ans: <a> | Ans: <d> | Ans: <c> |