Department of Electronics and Communication Engineering
Innovative Teaching Methods

Activity Title	Team Quiz
Faculty Name/Department	Mr.M. Kamarajan /ECE
Mapped Course Name & Code	EC8702- Adhoc &WSN
Date	03/06/2022
Benefitted Students (Year / Sem / Dept)	II/IV/ECE
Topic	Cluster & Routing
Description	To enable the students to use open-source software tools for all their computational needs, thereby improving the quality of instruction and learning.
Course Outcomes (CO)	CO2: Understand the different routing protocols
Performance Indicator (PI)	1.4.1
Mail id (for review)	ece.kamarajan@msajce-edu.in
Activity Photos	

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Topics/ Questions:

CLUSTER &ROUTING

1. **Routing is performed in _____ type of networks.**
   - Circuit-switched
   - Public switched telephone network
   - Computer network
   - All the above

2. **PSTN in routing network stands for _____.**
   - Public switched telephone network
   - Public serial telephone network
   - Public serial telepathy network
   - None of the above

3. **Does WSN cope with if a node fails to function?**
   - ○ Yes
   - ◉ No
   - ○ Maybe

4. **Which of the following are the applications of cross-layer optimization?**
   - ○ Scheduling
   - ○ Adaption
   - ○ Resource allocation
   - ○ All the above

5. **WSN communicates with _____ via gateway.**
   - ○ LAN
   - ○ WAN
   - ○ Both a and b
   - ○ None of the above

6. **LAN stands for _____.**
   - ○ Local area network
   - ○ Large area network
   - ○ Level area network
   - ○ None of the above

7. **A low-power wireless device is called _____.**

- LPWAN
- WAN
- LAN

8. **Which of the following OS implemented in WSN?**

- Tiny OS
- eCos
- uC/OS
- All the above

9. **Which of the following architecture of WSN possess weak security?**

- Infrastructure less architecture
- Infrastructure architecture
- Infra -less architecture
- None of the above

10. **What is the disadvantage of a wireless sensor network in environmental monitoring?**

- Biofouling problem
- Data security
- Both a and b
- None

Marks:

Reg No.	Topic /	Marks (10)
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311821106002	Cluster &Routing	6
311821106003	Cluster &Routing	6
311821106004	Cluster &Routing	6
311821106005	Cluster &Routing	5
311821106006	Cluster &Routing	5
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311821106012	Cluster &Routing	5
311821106013	Cluster &Routing	5
311821106014	Cluster &Routing	5
311821106015	Cluster &Routing	5
311821106016	Cluster &Routing	7
311821106017	Cluster &Routing	7
311821106018	Cluster &Routing	7
311821106019	Cluster &Routing	7
311821106020	Cluster &Routing	7
311821106021	Cluster &Routing	5
311821106023	Cluster &Routing	5
311821106024	Cluster &Routing	5
311821106025	Cluster &Routing	5
311821106026	Cluster &Routing	5
311821106027	Cluster &Routing	6
311821106028	Cluster &Routing	6
311821106030	Cluster &Routing	6
311821106031	Cluster &Routing	6
311821106032	Cluster &Routing	5

311821106033	Cluster &Routing	5
311821106034	Cluster &Routing	5
311821106035	Cluster &Routing	6
311821106036	Cluster &Routing	5
311821106302	Cluster &Routing	6
311821106303	Cluster &Routing	5
311821106304	Cluster &Routing	5

Outcome:

To Learn the fundamental Concepts and applications of ad hoc and wireless sensor networks and apply this knowledge to identify the suitable routing algorithm based on the network and user requirement