Roll No.												

PRESIDENCY UNIVERSITY

BENGALURU

End - Term Examinations – December 2025

Date: 13 – 12- 2025 **Time:** 01:00pm – 04:00pm

School: SOE	**Program:** B Tech	
Course Code : ECE3072	**Course Name :** Secure Wearable Internet of Things	
Semester: VII	**Max Marks**:100	**Weightage**:50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	23	26	12	19	20

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks. **10Q x 2M=20M**

1	Justify the need and concept of IP addressing	2 Marks	L2	CO2
2	Explain the significance of the Private Cloud with example	2 Marks	L2	CO2
3	Explain the utility of Switch for networking	2 Marks	L2	CO3
4	Differentiate WoT and IoT	2 Marks	L2	CO4
5	Discuss Intermediaries in WoT	2 Marks	L2	CO4
6	Elaborate any two Attributes of wearables in IoT	2 Marks	L2	CO1
7	Justify any two Opportunities of Wearable IoT	2 Marks	L2	CO1
8	Explain the significance of the SaaS with example	2 Marks	L2	CO4
9	Illustrate data analytics in Smart Watch	2 Marks	L2	CO1
10	Discuss about synthesis of Wearable IoT	2 Marks	L2	CO1

Part B

Answer the Questions **Total 80 Marks**

11.	**a.**	Elaborate the design aspects of Wearable IoT with respect to wireless protocols	**10 Marks**	**L2**	**CO2**

or

12.	**a.**	Summarize the evolution of wearable technology	**10 Marks**	**L2**	**CO2**

13.	**a.**	Elaborate significance and attributes of IP addressing relevant to networking	**10 Marks**	**L2**	**CO3**

or

14.	**a.**	Illustrate any two network topologies referred with web along with application	**10 Marks**	**L2**	**CO3**

15.	**a.**	Justify the relevance of Cloud computing for IoT and Discuss any two Cloud Deployment models with applications	**10 Marks**	**L3**	**CO4**

or

16.	**a.**	Discuss the need and working of Router and Switch with respect to OSI model	**10 Marks**	**L3**	**CO4**

17.	**a.**	"Use cases" a specific situation in which a product or service could potentially be used, Elaborate Wearable IoT use cases of Smart Glasses	**15 Marks**	**L2**	**CO1**

Or

18.	**a.**	"Use cases" a specific situation in which a product or service could potentially be used, Elaborate Wearable IoT use cases of Health Monitoring devices	**15 Marks**	**L2**	**CO1**

19.	**a.**	Illustrate the significance, applications and architecture of M2M for Wearable IoT	**15 Marks**	**L3**	**CO4**

Or

20.	**a.**	Elaborate building blocks of IoT for Physical and Logical design with diagrams	**15 Marks**	**L3**	**CO4**

21.	**a.**	"Case study is defined as an in-depth analysis of a particular subject, often a real-world situation, individual, group, or organization", Elucidate the case study of Health monitoring devices	**20 Marks**	**L3**	**C05**

Or

22.	**a.**	"Roadmap is a strategic plan that defines a goal or desired outcome and includes the major steps or milestones needed to reach it", Interpret the role and attributes of Meta wearable devices with respect to social aspects	**20 Marks**	**L3**	**C05**

***** BEST WISHES *****