

B.SC.IT: SEMESTER – V (QUESTION PAPER) [Choice Based Syllabus]

<u>Paper – II</u>

OF **THINGS**

Mumbai University		INTERNET OF THINGS	B.Sc.IT	
Q	JESTION PAPER	(OCTOBER – 2018 CHOICE BASED SYLLABUS)	(Semester – V	/)
<u>Time:</u> 2	2 ½ Hours		<u>Total Mark</u>	<u>s:</u> 75
 (2) Fig. (3) W (4) M (5) Di (6) W 	rite the question numbe ixing of sub-questions is raw diagrams and give e rite the comments in the	te total marks. All sub questions carry equal marks. ers clearly, as mentioned in the question paper.		
Q.1 (A) (B) (C) (D) (E) (F)	What is IoT? Expla What do you mea Compare IP and U What do you mea How to keep or m	REE QUESTIONS: (15 MARKS) in with the help of a nearly Labelled Diagram. n by magic as a metaphor in IoT? DP Protocols. n by affordances? Explain with the help of an example. aintain the privacy of IoT Devices? Dynamic IP Address Assignment.		(5) (5) (5) (5) (5) (5)
Q.2 (A) (B) (C) (D) (E) (F)	Write a short note Explain in brief the What is an Open S What is an IDE? Ex What is Mass Pers	REE QUESTIONS: (15 MARKS) e on sketching and familiarity in the IoT prototype process. e trade-off between cost and ease of prototyping. Fource Technology? What are the advantages of Open Source Technologies applain the basic features of an IDE with the help of an example. Fonalisation in IoT? What are the advantages of Mass Personalisation is to be taken into account while choosing any Embedded Platform?		(5) (5) (5) (5) (5) (5)
Q.3 (A) (B) (C) (D) (E) (F)	What are Non-Dig Write a short note Explain CNC millin Explain API Access	Token and API rate limiting with the help of an example. What is the legality of Scraping Data through an API?		(5) (5) (5) (5) (5) (5)
Q.4 (A) (B) (C) (D) (E) (F)	Write a short note Write a short note Draw Business Mo Explain different w Explain Lean Start	REE QUESTIONS: (15 MARKS) e on Optimization Techniques for writing Embedded Code. e on types of memory. odel Canvas diagram and explain any two of its components. ways to fund an IoT startup. ups with the help of an example. e on performance and battery optimization while writing Embedded	Code.	(5) (5) (5) (5) (5) (5)
Q.5 (A) (B) (C) (D) (E) (F)	What is a PCB? Ex What is Third-Part Should we stop n suitable argument What is crowdsou	rcing? Provide an example to support the answer. on? How does certification help in the manufacturing of IoT System	ur answer with	(5) (5) (5) (5) (5) (5)