Total No. of Questions : **11**]　　　　　　　　[Total No. of Printed Pages : **3**

BC-388

B.C.A. (Part-III) Examination, 2022

INTERNET OF THINGS

Paper – BCA-305 (B)

Time : 3 Hours]　　　　　　　　　　　　　[*Maximum Marks : 70*

Section–A　　　　　　　**(Marks : 2 × 10 = 20)**

Note :–　Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B　　　　　　　**(Marks : 4 × 5 = 20)**

Note :–　Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

Section–C　　　　　　　**(Marks : 10 × 3 = 30)**

Note :–　Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section–A

1.　(i)　What is SNMP ?

　　(ii)　Characteristics of IOTs.

(iii) What is SkyNet ?

(iv) Define IOT Logical Design.

(v) What is Apache Oozie ?

(vi) What is WAMP ?

(vii) How to using the IOT tools NETCONF-YANG ?

(viii) How to work IOT Code generator ?

(ix) Define Apache Hadoop.

(x) Draw Logical Design of IOTs.

Section–B

2. Define the architecture of IOTs.

Or

Explain the uses of Protocols in IOTs.

3. Define the IOT platform design Methodology.

Or

What the requirements uses in SNMP ?

4. Explain the IOT devices and draw a building blocks structure.

Or

Define the Django.

5. What is Apache Spark ?

Or

Differentiate between Apache Strom and Hadoop Yarn.

6. Define the SDN.

Or

What is meant by Internet of things ? Briefly explain.

Section–C

7. Explain the map reduce Programming Model.

8. Define the all types of IOTs and how it works.

9. How to IOT Code Generator work ? Explain it.

10. How is Raspberry PI different from other devices ?

11. Define all tools using for IOT.