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

BPP–1094

M.Sc. (Previous) Examination, 2022
COMPUTER SCIENCE

Paper – MCS–105

(Software Engineering and Internet Programming)

Time : 3 Hours]   [*Maximum Marks : 50*

Section–A   **(Marks : 2 × 10 = 20)**

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

Section–B   **(Marks : 3 × 5 = 15)**

Note :–   Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

Section–C   **(Marks : 5 × 3 = 15)**

Note :–   Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

Section–A   2 each

1.   Answer all questions :

(i)   Define Software Engineering.

(ii)   What is meant by Feasibility Study ?

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(iii)	What is Software Testing ?

(iv)	What is Coupling ?

(v)	What are the objectives of research ?

(vi)	What is the necessity of defining a research problem ?

(vii)	What is Internet ?

(viii)	Define HTTP.

(ix)	What is CSS ?

(x)	What do you mean by Markup Language ?

Section–B

2.	What is COCOMO model ? Explain.

Or

What is Prototype model ? Explain.

3.	What is Blackbox Testing ? Explain.

Or

What is Whitebox testing ? Explain.

4.	Discuss the various criteria of good research.

Or

How do you select the problem for research ? Explain.

5.	Explain the working of web-browsers.

Or

Explain the functions of web-browsers.

6.	Explain the difference between Embedded style sheet and linked style sheets.

Or

Explain the list type and its tag.

Section–C

7. Explain the characteristics of software and process.

8. Explain the comparison of different testing.

9. What is Research Process ? Explain the types of research.

10. Explain the evolution of Internet and its application.

11. What is HTML ? Explain the elements and syntax of HTML.