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

BPP–1108

M.Sc. (Previous) Examination, 2022
INFORMATION TECHNOLOGY

MIT–101

(Web Technology and Software Engineering)

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

1.   (i)   Who developed world wide web ?

     (ii)   What is an image map ?

     (iii) What is a Style Sheet ?

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(iv)   Name media types allowed by CSS.

(v)   Payment clearing network works on which protocol.

(vi)   What is value chain ?

(vii)   What are software metrics and measurements ?

(viii)   What is EAF in Cocomo model ?

(ix)   What are the steps followed in testing ?

(x)   What are the common characteristics of design methods ?

Section–B

2.   What is the difference between HTML elements and tags ?

Or

Explain the layout of HTML.

3.   How can CSS be integrated into an HTML page ?

Or

Explain the CSS Box Model and its different elements.

4.   Explain security issue on e-payment.

Or

Explain the difference between Brokerage model and Aggregator model.

5.   What is RMMM and its three basic issues explain all the concepts ?

Or

What are different myths and realities about the software ?

6.   Differentiate between Verification and Validation.

Or

Differentiate between Quality Assurance and Quality Control.

Section–C

7.   Explain architecture of e-mail along with its components and uses.

8. Discuss the uses of an embedded style sheet with suitable example.

9. Explain the concept of EDI and also explain its building blocks in detail.

10. What is Risk Management ? During which stage of Risk Planning are Risks Prioritized Based on Probability and Impact ?

11. What is CMMI and what is the advantage of implementing it in an organization ?