

Shri Jain P G College, Bikaner

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

श्री जैन (पी.जी.) कॉलेज, बीकानेर

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.