University of Engineering & Management, Kolkata

End Semester Sessional Examination, November, 2022

Programme Name: B.Tech (CSE / CSE (AIML) / CSE (IOT, CYS, BCT))

Semester: 3rd

Course Name: Technical Report Writing using LaTex

Course Code: HSMC381

Full Marks: 70   Date: 14ᵗʰ November, 2022   Time: 09:30am-12:30pm

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GROUP – A (20 marks)

Answer the following questions. Each question is of 2 marks: 10 x 2 = 20

1.
   i.   Define Literature Review.
   ii.   Define bib.tex.
   iii.   Name the package used for inserting signs and symbols in LaTex Overleaf.
   iv.   Name the package used for hyperlinking text in LaTex Overleaf.
   v.   Classify the differences between Tex and LaTex.
   vi.   Write the command to insert an image in your LaTex file.
   vii.   Name the package to use image in LaTex.
   viii. Name one Bibliography style that is used in LaTex document for Technical Report Writing.
   ix.   Name the command to align an image to center in your Latex document.
   x.   What is the command to change your text to italics?

GROUP – B (10 marks)

Answer the following questions. Each question is of 5 marks: 6x 5 = 30

2. Write the steps in Latex command to produce a numbered list with a bulleted sub-list.
3. Reframe the commands to change numbering level structute in LaTex.
4. Design the commands needed to be followed to insert an image along with heading and labeling.
5. Prepare an outline for Citing references in a report using latex.
6. Enumerate the difference between abstract and summary in a technical report.

GROUP - C (10 Marks)

Answer the following question. The question is of 10 marks: 2 x 10 = 20

7. The cultural club of your college has decided to organize an inter-college poster competition. As the Secretary of the club, outline the Memo page using latex as the editing tool of the same mentioning the necessary commands to be followed, informing the students regarding the same mentioning the topic, venue and date-time of the event.

8. The technical report format forms the background of written documentation. Justify the statement.

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