

Seat No: - \_\_\_\_\_

Enrollment No: - \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF ARTS**

**B. Arts Midterm Examination 2022–23**

**Semester: 3rd**  
**Subject Code: 15193202**  
**Subject Name: Critical Thinking**

**Date: 27/07/2022**  
**Time: 2 hours**  
**Total Marks: 40**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

|            |   |                            |     | <b>Marks</b>                |
|------------|---|----------------------------|-----|-----------------------------|
| <b>Q.1</b> | <b>Do As Directed.</b>  |                            |     | <b>06</b>                   |
| 1          | Critical thinking is a domain general thinking?   |                            |     |                             |
|            | (A)   | Only general               | (B) | It is all inclusive         |
|            | (C)   | True                       | (D) | False                       |
| 2          | Argument consists of Premise, Reason and Conclusion in order  |                            |     |                             |
|            | (A)   | True                       | (B) | False                       |
|            | (C)   | There is no Conclusion     | (D) | Conclusion is not necessary |
| 3          | Oklahoma is north of Texas.   |                            |     |                             |
|            | (A)   | Argument                   | (B) | Deductive Argument          |
|            | (C)   | Statement                  | (D) | Inductive Argument          |
| 4          | Statements are sentences?   |                            |     |                             |
|            | (A)   | Yes                        | (B) | No                          |
|            | (C)   | Depends                    | (D) | Not Clear                   |
| 5          | In the past, the sun has risen every morning. Therefore, the sun will rise tomorrow morning. This is a/an:  |                            |     |                             |
|            | (A)   | Invalid Deductive Argument | (B) | Inductive Argument          |
|            | (C)   | Deductive Argument         | (D) | None of the Above           |
| 6          | All boys of the class are good friends. Harish is a friend of Aditya. Aditya is friends with Divyansh and Manish. Therefore Harish is friends with Manish. This is  |                            |     |                             |
|            | (A)   | Deductive Argument         | (B) | Valid Argument              |
|            | (C)   | Inductive Argument         | (D) | None of the Above           |
| 7          | Mayur wore a blue shirt yesterday. Mayur's shirt today is blue. Mayur will wear a blue shirt tomorrow as well. This is  |                            |     |                             |
|            | (A)   | Deductive Argument         | (B) | Valid Argument              |
|            | (C)   | Inductive Argument         | (D) | None of the Above           |
| 8          | “I’m telling you; you’re not going die taking a plane to visit us. Airplane crashes happen far less frequently than car crashes; so you’re taking a bigger risk if you drive. In fact, plane crashes are so rare, you’re far more likely to die from slipping in the bathtub.” What kind of argument is this? |                            |     |                             |
|            | (A)   | Invalid Deductive Argument | (B) | Inductive Argument          |
|            | (C)   | Deductive Argument         | (D) | None of the Above           |

|  |   |                        |
|--|---|------------------------|
| 9  | Riya Sharma likes cats. Megha likes cats. Pammy likes cats. Tripty likes cats. Riya Lunkad likes Dogs. Jyoti likes Dogs. Neeti, Ritu, Goon, Bharati, Jigisha, Riddhi, Bhavna, Dionsia, Nicole, Devashree, Aarti, Manisha, like Dogs. Therefore, all girls like animals. |                        |
|  | (A) Invalid Deductive Argument  | (B) Inductive Argument |
|  | (C) Invalid Inductive Argument  | (D) Deductive Argument |
| 10   | To get a Bachelor's degree at Parul University, a student must have 75% attendance. Sanket has more than 90% attendance credits. Therefore, Sanket has a bachelor's degree.   |                        |
|  | (A) Invalid Deductive Argument  | (B) Inductive Argument |
|  | (C) Invalid Inductive Argument  | (D) Deductive Argument |
| 11   | 95% of Parul University graduates went on to get PhD's; Urvish graduated from Oxford, therefore he's going to get a PhD.  |                        |
|  | (A) True  | (B) Inductive Argument |
|  | (C) False   | (D) Deductive Argument |
| 12   | All actors are handsome. Suresh is handsome. Therefore, Suresh is an actor.   |                        |
|  | (A) Invalid Deductive Argument  | (B) Deductive Argument |
|  | (C) False   | (D) True               |
| <b>B. Terms / Short Notes / Case Study / Charts / Graphs/ Tables, etc. (Each of 01 mark)</b> |   | <b>(04)</b>            |
| 1  | Cogent  |                        |
| 2  | Validity  |                        |
| 3  | "Ought not is"  |                        |
| 4  | Metacognition   |                        |
| <b>Q.2</b>   | <b>Answer the following.</b>  |                        |
| 1  | What are the points for evaluating an argument?   | <b>(04)</b>            |
| 2  | What the essentials for concluding an inductive argument?   | <b>(04)</b>            |
| <b>OR</b>  |   |                        |
| 2  | What the essentials for concluding an deductive argument?   | <b>(04)</b>            |
| <b>Q.3</b>   | <b>Answer the following.</b>  |                        |
| 1  | Distinguish between Critical Thinking and Analytical Thinking. Which is/are the core areas of divergence?   | <b>(05)</b>            |
| 2  | Differentiate between a good deductive argument and a deductive argument. Give adequate examples to support your definitions.   | <b>(05)</b>            |
| <b>OR</b>  |   |                        |
| 2  | "Good critical thinking is the foundation of science and democracy." Do you agree with the statement? Justify.  | <b>(05)</b>            |
| <b>Q.4</b>   | <b>Answer the following.</b>  |                        |
| 1  | Differentiate between an inductive argument and a deductive argument. Give adequate examples to support your definitions.   | <b>(06)</b>            |
| 2  | What is Data Sufficiency? What quantity/amount of data would be sufficient to analyse a statement for inductive argument and validity.  | <b>(06)</b>            |
| <b>OR</b>  |   |                        |
| 2  | Using an example change five deductive arguments to inductive arguments.  | <b>(06)</b>            |

\*\*\*\*\*All the Best\*\*\*\*\*