

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

## GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2023

**Subject Code:3150408**

**Date:13-12-2023**

**Subject Name:Conscience And Consciousness**

**Time:10:30 AM TO 01:00 PM**

**Total Marks:70**

**Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

|                                                                                                                                                                     | Marks     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Q.1</b> (a) What are yamas?                                                                                                                                      | <b>03</b> |
| (b) Describe swadharma using examples?                                                                                                                              | <b>04</b> |
| (c) Explain the concept of self-using model.                                                                                                                        | <b>07</b> |
| <b>Q.2</b> (a) What are trigunas?                                                                                                                                   | <b>03</b> |
| (b) Explain protocol methodology and prerequisite of meditation.                                                                                                    | <b>04</b> |
| (c) What traits are attribution of Sat, Rajas and Tamas in one's personality ?                                                                                      | <b>07</b> |
| <b>OR</b>                                                                                                                                                           |           |
| (c) Compare concept of cosmology according to science and Gita?                                                                                                     | <b>07</b> |
| <b>Q.3</b> (a) What qualities does Lord Krishna declare as knowledge, and what does He consider as ignorance?                                                       | <b>03</b> |
| (b) What are the symptoms of godly/ divine nature?                                                                                                                  | <b>04</b> |
| (c) What you see in society around you which is violation of principles of gita ?                                                                                   | <b>07</b> |
| <b>OR</b>                                                                                                                                                           |           |
| <b>Q.3</b> (a) How does Lord Krishna describe the Supersoul's existence and role?                                                                                   | <b>03</b> |
| (b) What is swadharma ?                                                                                                                                             | <b>04</b> |
| (c) What gita mentions about sustainability in karm yoga ?                                                                                                          | <b>07</b> |
| <b>Q.4</b> (a) What are qualities of leader according to Gita?                                                                                                      | <b>03</b> |
| (b) Worship of His personal form and the worship of the unmanifested Brahman, discuss comparison by Krishna.                                                        | <b>04</b> |
| (c) Discuss choice of food and sacrifice according to three modes of material nature                                                                                | <b>07</b> |
| <b>OR</b>                                                                                                                                                           |           |
| <b>Q.4</b> (a) What is observable universe ?                                                                                                                        | <b>03</b> |
| (b) How does Lord Krishna describe knowledge in the context of the field of activities? What elements constitute the field of activities according to Lord Krishna? | <b>04</b> |
| (c) Discuss choice of austerity, charity and penance according to three modes of material nature                                                                    | <b>07</b> |

|            |            |                                                      |           |
|------------|------------|------------------------------------------------------|-----------|
| <b>Q.5</b> | <b>(a)</b> | What is weak nuclear force and strong nuclear force? | <b>03</b> |
|            | <b>(b)</b> | What is Dark matter ?                                | <b>04</b> |
|            | <b>(c)</b> | Explain Heisenberg's principle of uncertainty        | <b>07</b> |
| <b>OR</b>  |            |                                                      |           |
| <b>Q.5</b> | <b>(a)</b> | Discuss vegan movement and its inspiration in Gita.  | <b>03</b> |
|            | <b>(b)</b> | Discuss cyclic universe model.                       | <b>04</b> |
|            | <b>(c)</b> | Discuss relevance of Gita in real life situation     | <b>07</b> |

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