**18CS505**

**Hall Ticket Number:**

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| **III/IV B.Tech (Regular) DEGREE EXAMINATION** | | | |
| **February, 2021** | **Computer Science and Engineering** | | |
| **Fifth Semester** | **Indian Traditional Knowledge** | | |
| **Time:** Three Hours | | **Maximum:** 50 Marks | |
| *Answer ALL Questions from PART-A.* | | | (1X10 = 10 Marks) |
| *Answer* ***ANY FOUR*** *questions from PART-B.* | | | (4X10=40 Marks) |
| **Part - A** | | | |

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| 1. | Answer all questions | | (1X10=10 Marks) | |
|  | a) | Write short note on Un-fair trade during colonial period. | |  |
|  | b) | What is the role of Ayurveda? | |  |
|  | c) | Write short note on Laws of motion. | |  |
|  | d) | What is the role of Vatsayana and Refraction? | |  |
|  | e) | Write a short note on Aryabhatta. | |  |
|  | f) | What is the role of Dharma and Artha? | |  |
|  | g) | Define Astrology. | |  |
|  | h) | Define Janmakundali. | |  |
|  | i) | Write a short note on Yoga and its benefits. | |  |
|  | j) | What is meant by Yama and Niyamas? | |  |
| **Part - B** | | | | |
| 2. | a) | How the origin of Ayurveda plays a vital role? | | 5M |
|  | b) | Explain manifestation of creation with regard to gunas like satva,rajas,tamasic. | | 5M |
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| 3. | a) | Explain about Imperialist Bias during Pre-colonial and Colonial Period. | | 5M |
|  | b) | Describe Vata,Pitta and Kapha qualities. | | 5M |
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| 4. | a) | Explain about social needs and technological application growth in construction technology. | | 5M |
|  | b) | Discuss Particle Physics. | | 5M |
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| 5. | a) | Discuss about the Impetus of metallurgy? | | 5M |
|  | b) | Illustrate about Optics and Sound in ITK? | | 5M |
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| 6. | a) | Explain Vedic Astronomy. | | 5M |
|  | b) | Elaborate the intensified interest in Vedic astrology in recent times in west. | | 5M |
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| 7. | a) | Explain Vedic Astrology. | | 5M |
|  | b) | Examine the Heliocentric Theory of Gravitation. | | 5M |
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| 8. | a) | Explain the general guidelines for Yoga Practice. | | 5M |
|  | b) | What are the different types of Yogasanas? Briefly explain. | | 5M |
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| 9. | a) | Describe about traditional schools of yoga and its classifications. | | 5M |
|  | b) | Briefly analyze about pranayama. | | 5M |

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