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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| --- | --- | --- | --- |
| **Course Code** | **15PE3002** | **Duration** | **3hrs** |
| **Course Title** | **ADVANCED STATISTICS IN PHYSICAL EDUCATION** | **Max. Marks** | **100** |

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| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (5 X 20 = 100 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. |  | Explain the statistical concept in detail. | CO1 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 2. |  | Construct a research proposal. | CO2 | C | 20 |
| 3. |  | What is normal curve? Explain the types of deviation from normality. | CO3 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 4. |  | Briefly explain the dependent and independent t-test and the interpretation of hypothesis. | CO3 | A | 20 |
| 5. |  | Explain correlation and its types. | CO5 | E | 20 |
|  |  | **(OR)** |  |  |  |
| 6. |  | What are the key differences between qualitative and quantitative data in physical education research? Provide examples. | CO6 | U | 20 |
| 7. |  | Write the uses and importance of graphical representation in statistics. | CO3 | An | 20 |
|  |  | **(OR)** |  |  |  |
| 8. |  | Write the short notes on the following.  a) Dissertation  b) Bibliography writing | CO4 | R | 20 |
| **COMPULSORY QUESTION** | | | | | |
| 9. |  | Define advanced statistics and explain its significance in physical education. | CO1 | U | 20 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Understanding the important of statistics |
| CO2 | Application of statistical techniques in research proposal |
| CO3 | Students will be able to calculate the central tendency of statistical data and interpretation with statistical tools. |
| CO4 | Students will be able to construct dissertation and writing bibliography |
| CO5 | Students will be able to measure the strength of relationship between variables using correlation and regression analysis |
| CO6 | Constrict design of experiment and analysis the data |

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| **Assessment Pattern as per Bloom’s Taxonomy** | | | | | | | |
| **CO / BL** | **Remember** | **Understand** | **Apply** | **Analyze** | **Evaluate** | **Create** | **Total** |
| CO1 | 20 | 20 |  |  |  |  | 40 |
| CO2 |  |  |  |  |  | 20 | 20 |
| CO3 | 20 |  | 20 | 20 |  |  | 60 |
| CO4 | 20 |  |  |  |  |  | 20 |
| CO5 |  |  |  |  | 20 |  | 20 |
| CO6 |  | 20 |  |  |  |  | 20 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Code** | **15PE3003** | **Duration** | **3hrs** |
| **Course Title** | **SPORTS TRAINING** | **Max. Marks** | **100** |

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| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (5 X 20 = 100 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. |  | Summarize the phases of circuit training and fartlek training. Explain its merits. | CO1 | An | 20 |
|  |  | **(OR)** |  |  |  |
| 2. |  | Define Sports training and explain the task, principles and characteristics of sports training. | CO3 | U | 20 |
| 3. |  | Explain meso, micro and macro cycle training plan. | CO3 | An | 20 |
|  |  | **(OR)** |  |  |  |
| 4. |  | Constrict a training schedule for your game of specialization duration one month. | CO4 | A | 20 |
| 5. |  | Define agility and explain the mean and methods of developing, Endurance, Speed, Coordination and Flexibility. | CO2 | A | 20 |
|  |  | **(OR)** |  |  |  |
| 6. |  | Describe strength, explain the characteristics of strength, means and methods of strength training for children. | CO1 | R | 20 |
| 7. |  | Define Sports Psychology and explain the way of psychological preparation for a competition. | CO4 | An | 20 |
|  |  | **(OR)** |  |  |  |
| 8. |  | Describe Diet for three different seasons. | CO6 | C | 20 |
| **COMPULSORY QUESTION** | | | | | |
| 9. |  | What is Doping? Write the effects of Doping on Performance and Health. | CO5 | U | 20 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
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|  | **COURSE OUTCOMES** |
| CO1 | Ability to remember the training methods |
| CO2 | To prepare and develop the sports performance for high level competition |
| CO3 | Students will be able to understand the concepts of sports Training |
| CO4 | To develop technical tactical and physiological preparation |
| CO5 | To understand effect of doping and drugs in health. |
| CO6 | Students will be able to prepare diet chart and its nutritional benefits |

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| **Assessment Pattern as per Bloom’s Taxonomy** | | | | | | | |
| CO / BL | **Remember** | **Understand** | **Apply** | **Analyze** | **Evaluate** | **Create** | **Total** |
| CO1 | 20 |  |  | 20 |  |  | 40 |
| CO2 |  |  | 20 |  |  |  | 20 |
| CO3 |  | 20 |  | 20 |  |  | 40 |
| CO4 |  |  | 20 | 20 |  |  | 40 |
| CO5 |  | 20 |  |  |  |  | 20 |
| CO6 |  |  |  |  |  | 20 | 20 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| --- | --- | --- | --- |
| **Course Code** | **21NC1001** | **Duration** | **3hrs** |
| **Course Title** | **NCC, ARMED FORCES AND MILITARY HISTORY** | **Max. Marks** | **100** |

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| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (4 X 20 = 80 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. | a. | Write the NCC song which was introduced in 1980. | CO1 | U | 10 |
|  | b. | |  | | --- | |  |   Explain the following camps and their significance.   1. National Integration camp b) Republic Day Camp | CO2 | R | 10 |
|  |  | **(OR)** |  |  |  |
| 2. | a. | Describe the qualities of the NCC cadets with cardinal principles. | CO1 | U | 10 |
|  | b. | Give the importance of training and Explain the following types of training activities in the NCC Institutional and Camp Training b) Attachment Training | CO2 | R | 10 |
|  |  |  |  |  |  |
| 3. | a. | Explain the five army regiments in the Indian defense. | CO3 | R | 10 |
|  | b. | Give an account on command structures of the Indian Armed Forces. | CO4 | A | 10 |
|  |  | **(OR)** |  |  |  |
| 4. | a. | Enumerate the scholarships and various entry schemes for men and women. | CO4 | A | 10 |
|  | b. | Enumerate operation Meghdoot. | CO5 | A | 10 |
|  |  |  |  |  |  |
| 5. | a. | Give the role of NCC cadets at post war period. | CO5 | U | 10 |
|  | b. | Give the contribution of Indian army in operation Vijay. | CO5 | U | 10 |
|  |  | **(OR)** |  |  |  |
| 6. | a. | Explain the Sikkim War (1967) and the role of Indian army. | CO5 | R | 10 |
|  | b. | Discuss the significance on the Indo-Pak War (1971). | CO5 | U | 10 |
|  |  |  |  |  |  |
| 7. |  | Discuss the contribution of the Indian army in Indo-China War. | CO5 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 8. |  | Discuss various gallantry awards and war heroes. | CO6 | R | 20 |
| **COMPULSORY QUESTION** | | | | | |
| 9. | a. | Describe the role of Field Marshal Sam Manekshaw in Indian army force. | CO6 | R | 10 |
|  | b. | List out the achievements of Former First Chief of Army Staff of the Indian Army and explain. | CO6 | R | 10 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Imbibe the conduct of NCC cadets, and respect the diversity of Indian culture. |
| CO2 | Inspire and motivate peers to join NCC and serve the nation. |
| CO3 | Prepare oneself and encourage others to join the Defence forces. |
| CO4 | Live a patriotic life and work for the nation building. |
| CO5 | Protect the heritage, culture and celebrate unity in diversity of the Nation. |
| CO6 | Prepare oneself to excel in career following the model of the generals who led the Nation. |

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| **Assessment Pattern as per Bloom’s Level** | | | | | | | |
| **CO / BL** | **R** | **U** | **A** | **An** | **E** | **C** | **Total** |
| CO1 |  | 20 |  |  |  |  | 20 |
| CO2 | 20 |  |  |  |  |  | 20 |
| CO3 | 10 |  |  |  |  |  | 10 |
| CO4 |  |  | 20 |  |  |  | 20 |
| CO5 | 30 | 30 | 10 |  |  |  | 70 |
| CO6 | 40 |  |  |  |  |  | 40 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| --- | --- | --- | --- |
| **Course Code** | **21NC1002** | **Duration** | **3hrs** |
| **Course Title** | **SOCIAL SERVICE, COMMUNITY DEVELOPMENT AND GENERAL AWARENESS** | **Max. Marks** | **100** |

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| --- | --- | --- | --- | --- | --- |
| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (4 X 20 = 80 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. | a. | List out social service activities shared by NCC cadets with the NGOs in Women Self-help group and their functions. | CO1 | U | 10 |
|  | b. | Describe various Rural Development Programmes taken by NCC Cadets | CO1 | U | 10 |
|  |  | **(OR)** |  |  |  |
| 2. | a. | Explain in detail the Social Security Schemes of Government of India. | CO1 | R | 10 |
|  | b. | Explain the needs of the weaker sections and contribution of NCC cadets. | CO1 | R | 10 |
|  |  |  |  |  |  |
| 3. | a. | Describe the service of NCC cadets in Surveying on Disabled war veterans and their role in the society. | CO2 | U | 10 |
|  | b. | Explain the role and contribution of NGOs. | CO2 | R | 10 |
|  |  | **(OR)** |  |  |  |
| 4. | a. | Explain the Contribution of Youth and NCC cadets inwomen welfare. | CO3 | R | 10 |
|  | b. | Enumerate measures to attain objectives of family planning. | CO3 | A | 10 |
|  |  |  |  |  |  |
| 5. | a. | Discuss causes prevention of HIV and AIDS. | CO4 | U | 10 |
|  | b. | Describe Do’s and Don’ts to be followed in Blood donation. | CO4 | U | 10 |
|  |  | **(OR)** |  |  |  |
| 6. | a. | Explain on the Cyber and Mobile Security Awareness. | CO4 | R | 10 |
|  | b. | Describe Do’s and Don’ts to be followed in Organ donation. | CO4 | U | 10 |
|  |  |  |  |  |  |
| 7. | a. | Describe causes, effects and preventives measures of soil pollution. | CO5 | U | 10 |
|  | b. | Give an account on causes, effects and preventives measures of water pollution. | CO5 | R | 10 |
|  |  | **(OR)** |  |  |  |
| 8. | a. | Elaborate on the History of the Indian Polity. | CO5 | A | 20 |
|  |  | Discuss the energy conservation measures and reason for increase in energy consumption. | CO5 | U | 10 |
| **COMPULSORY QUESTION** | | | | | |
| 9. | b. | Enumerate various Inter continent ballistic missile division of ISRO. | CO6 | R | 10 |
|  | b. | Give an account on present Indian currency and business taglines. | CO6 | R | 10 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Do social services on different occasions. |
| CO2 | Render service to the society and protect women and children. |
| CO3 | Create awareness on Cyber and Mobile Security. |
| CO4 | Create consciousness about the environment, conservation of Energy. |
| CO5 | Evolve as a complete citizen with updated knowledge about the world. |
| CO6 | Equip oneself in the current trends in science. |

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| **Assessment Pattern as per Bloom’s Level** | | | | | | | |
| **CO / BL** | **R** | **U** | **A** | **An** | **E** | **C** | **Total** |
| CO1 | 20 | 20 | - | - | - | - | 40 |
| CO2 | 10 | 10 | - | - | - | - | 20 |
| CO3 | 10 | - | 10 | - | - | - | 20 |
| CO4 | 10 | 30 | - | - | - | - | 40 |
| CO5 | 20 | 10 | 10 | - | - | - | 40 |
| CO6 | 20 | - | - | - | - | - | 20 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| --- | --- | --- | --- |
| **Course Code** | **21NC1003** | **Duration** | **3hrs** |
| **Course Title** | **DISASTER MANAGEMENT AND COMMUNICATION** | **Max. Marks** | **100** |

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| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (4 X 20 = 80 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. | a. | Enumerate the responsibilities of national disaster rescue force. | CO1 | U | 10 |
|  | b. | Write short notes on the following:  (i). MDRS  (ii). NCRMP | CO1 | R | 10 |
|  |  | **(OR)** |  |  |  |
| 2. | a. | Describe NDMA and its Responses. | CO1 | A | 10 |
|  | b. | Write short notes on the following:  (i). NSSP  (ii). LRMS | CO1 | U | 10 |
|  |  |  |  |  |  |
| 3. | a. | Explain in detail ESMA. | CO2 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 4. | a. | Explain essential services and their importance in everyday life. | CO2 | R | 10 |
|  | b. | Give an account on different types of early warning systems in India and abroad. | CO2 | U | 10 |
|  |  |  |  |  |  |
| 5. | a. | Explain the role of NCC cadets during the aftermath of earthquake. | CO3 | U | 10 |
|  | b. | Enumerate the precautionary methods in the prevention of flood. | CO3 | U | 10 |
|  |  | **(OR)** |  |  |  |
| 6. | a. | Explain basic setting-up of local community radio within a radius of 200 meters in your home town. | CO6 | A | 10 |
|  | b. | Explain in detail wireless communication system. | CO6 | U | 10 |
|  |  |  |  |  |  |
| 7. | a. | Explain the organizational chart of fire and rescue services in India. | CO5 | R | 10 |
|  | b. | Explain different types of fire and their effects. | CO5 | A | 10 |
|  |  | **(OR)** |  |  |  |
| 8. | a. | Discuss HAM Radio station and its functions. | CO6 | R | 10 |
|  | b. | Discus the roll and significance of HAM Radio in early warning communication system. | CO6 | U | 10 |
| **COMPULSORY QUESTION** | | | | | |
| 9. | a. | What are man-made disasters? Explain their consequences. | CO4 | R | 10 |
|  | b. | What are the roles of NCC cadets during road accidents and terrorist attacks? | CO4 | A | 10 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Handle the responsibilities during the natural and man-made disasters. |
| CO2 | Render assistance during the disasters |
| CO3 | Infer skills in action |
| CO4 | Differentiate the natural and man-made disasters |
| CO5 | Involve in rescuing and firefighting |
| CO6 | Equip oneself with the latest communication equipment of defence services |

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| **Assessment Pattern as per Bloom’s Level** | | | | | | | |
| **CO / BL** | **R** | **U** | **A** | **An** | **E** | **C** | **Total** |
| CO1 | 10 | 20 | 10 | - | - | - | 40 |
| CO2 | 30 | 10 | - | - | - | - | 40 |
| CO3 | - | 20 | - | - | - | - | 20 |
| CO4 | 10 | - | 10 | - | - | - | 20 |
| CO5 | 10 | - | 10 | - | - | - | 20 |
| CO6 | 10 | 20 | 10 | - | - | - | 40 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| **Course Code** | **21NC1004** | **Duration** | **3hrs** |
| **Course Title** | **NATIONAL BORDER, COASTAL AREAS AND NATIONAL INTEGRATION** | **Max. Marks** | **100** |

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| --- | --- | --- | --- | --- | --- |
| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (4 X 20 = 80 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. |  | Describe the Structure and Commands of the Indian Air Force. | CO1 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 2. |  | Explain the naval establishments of the Indian Navy. | CO1 | A | 20 |
|  |  |  |  |  |  |
| 3. |  | List the names and location of the Indian Army Regimental Training Centres. (Any 20) | CO1 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 4. |  | Describe the importance and challenges addressed on coastal areas by the Indian Defence. | CO1 | A | 20 |
|  |  |  |  |  |  |
| 5. |  | Enumerate the role, challenges and job opportunities in the BSF. | CO2 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 6. |  | Explain the role and contribution of Military Satellites in the security of the nation. | CO3 | A | 20 |
|  |  |  |  |  |  |
| 7. |  | Classify the Organization of Infantry Battalion and its weapons. | CO4 | U | 20 |
|  |  | **(OR)** |  |  |  |
| 8. | a. | Evaluate the role of Biological weapons in Terrorism. | CO5 | A | 10 |
|  | b. | Enumerate the importance of National Integration Camp. | CO5 | R | 10 |
| **COMPULSORY QUESTION** | | | | | |
| 9. | a. | Explain the process of setting up tree huts or bridge for emergency. | CO6 | U | 10 |
|  | b. | Justify the significance of Jungle Walk as a part of mountaineering task. | CO6 | A | 10 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Develop understanding on the border and coastal areas. |
| CO2 | Render support towards Infantry Battalion. |
| CO3 | Demonstrate an impact towards the nation. |
| CO4 | Create awareness regarding the threats and biological weapon. |
| CO5 | Evolve unity in the diverse culture, tradition and customs. |
| CO6 | Equip oneself with the adventure trainings. |

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| **Assessment Pattern as per Bloom’s Level** | | | | | | | |
| **CO / BL** | **R** | **U** | **A** | **An** | **E** | **C** | **Total** |
| CO1 | 40 | - | 40 | - | - | - | 80 |
| CO2 | 20 | - | - | - | - | - | 20 |
| CO3 | - | - | 20 | - | - | - | 20 |
| CO4 | - | 20 | - | - | - | - | 20 |
| CO5 | 10 | - | 10 | - | - | - | 20 |
| CO6 | - | 10 | 10 | - | - | - | 20 |
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**END SEMESTER EXAMINATION – NOV / DEC 2024**

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| --- | --- | --- | --- |
| **Course Code** | **21NC1004** | **Duration** | **3hrs** |
| **Course Title** | **NATIONAL BORDER, COASTAL AREAS AND NATIONAL INTEGRATION** | **Max. Marks** | **100** |

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| --- | --- | --- | --- | --- | --- |
| **Q. No.** | **Questions** | | **CO** | **BL** | **M** |
| **PART – A (4 X 20 = 80 MARKS)**  **(Answer all the Questions)** | | | | | |
| 1. |  | Explain the Bio geographical classification of India. | CO1 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 2. |  | Explain the challenges and sensitivity of the Indian Army at the LoC. | CO1 | A | 20 |
|  |  |  |  |  |  |
| 3. |  | Give an account of the Indian Air Force, Navy and DRDO Training Institutes. (Any 5) | CO1 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 4. |  | Explain in detail the Indian Army Corps of Signals. | CO1 | A | 20 |
|  |  |  |  |  |  |
| 5. |  | Enumerate the formation, function, and job opportunities in the Indian Coast Guards. | CO2 | R | 20 |
|  |  | **(OR)** |  |  |  |
| 6. |  | Enumerate the security challenges and the role of cadets in Border Management. | CO3 | A | 20 |
|  |  |  |  |  |  |
| 7. |  | Explain the role of Missile systems (anti-tank guided missiles) in ballistic Cruise missiles. | CO4 | U | 20 |
|  |  | **(OR)** |  |  |  |
| 8. | a. | Enumerate the factors affecting National Integration. | CO5 | A | 10 |
|  | b. | Evaluate the importance and necessity for National Integration. | CO5 | R | 10 |
| **COMPULSORY QUESTION** | | | | | |
| 9. | a. | Write the importance of Jungle Walk as a prime unit of mountaineering task. | CO6 | U | 10 |
|  | b. | Write about the significance and objectives of cycle riding awareness theme programme. | CO6 | A | 10 |

**CO** – COURSE OUTCOME **BL** – BLOOM’S LEVEL **M** – MARKS ALLOTTED

|  |  |
| --- | --- |
|  | **COURSE OUTCOMES** |
| CO1 | Develop understanding on the border and coastal areas. |
| CO2 | Render support towards Infantry Battalion. |
| CO3 | an impact towards the nation. |
| CO4 | Create awareness regarding the threats of terrorism and biological weapon. |
| CO5 | Evolve unity in the diverse culture, tradition and customs. |
| CO6 | Equip oneself for adventure trainings. |

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| **Assessment Pattern as per Bloom’s Level** | | | | | | | |
| **CO / BL** | **R** | **U** | **A** | **An** | **E** | **C** | **Total** |
| CO1 | 40 | - | 40 | - | - | - | 80 |
| CO2 | 20 | - | - | - | - | - | 20 |
| CO3 | - | - | 20 | - | - | - | 20 |
| CO4 | - | 20 | - | - | - | - | 20 |
| CO5 | 10 | - | 10 | - | - | - | 20 |
| CO6 | - | 10 | 10 | - | - | - | 20 |
|  | | | | | | | **180** |