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CB/CD/CE/CH/CM/CO/CS/EC/EE/IT/ME315(NCOL1) (R20)

B.TECH. DEGREE EXAMINATION, NOVEMBER-2024

Semester V [Third Year] (Regular & Supplementary)

NATIONAL CADET CORPS - I

Time: Three hours

Maximum Marks: 70

Answer Question No.1 compulsorily. (14 x 1 = 14)

Answer One Question from each unit. (4 x 14 = 56)

1. Answer the following:

- | | |
|---|-----|
| (a) Who heads the NCC at the Headquarters DG NCC? | CO1 |
| (b) What is the full form of WTLO? | CO1 |
| (c) What are the two parts of a word of command? | CO1 |
| (d) What do you understand by National Integration? | CO2 |
| (e) What is line of sight? | CO2 |
| (f) What is mean point of impact (MPI)? | CO2 |
| (g) What is mindset? | CO3 |
| (h) What is intrinsic to human nature? | CO3 |
| (i) What is conventional sign? | CO3 |
| (j) Define bearing. | CO3 |
| (k) Define the term social service. | CO4 |
| (l) What is the full form of NREGA? | CO4 |
| (m) What are the advantages of battle craft? | CO4 |
| (n) Define land mark. | CO4 |

UNIT - I

2. (a) Which qualities does NCC aim to develop among the cadets? (7M) CO1
- (b) What is the aim of Youth Exchange Programme (YEP)? (7M) CO1

(OR)

3. (a) Explain the concept of 'Sajja' (dressing) in drill in detail. (7M) CO1

- (b) What is the purpose of the side pace? What are its fundamentals? (7M) CO1

UNIT – II

4. (a) Why is National Integration is a basic necessity? Explain any five reasons in detail. (7M) CO2
(b) How does maintaining a Time log helps to save time? (7M) CO2

(OR)

5. (a) What points must be kept in mind while assembling Rif .22? (7M) CO2
(b) Discuss laws of aiming. (7M) CO2

UNIT – III

6. (a) 'Your inner voice plays a vital role in developing a right mindset'. Explain. (7M) CO3
(b) Explain any four ways through which mindset can be changed. (7M) CO3

(OR)

7. (a) Define various types of bearings. (7M) CO3
(b) What is the usage of service protractor? (7M) CO3

UNIT – IV

8. (a) What are the needs of the weaker sections of society? (7M) CO4
(b) Write the schemes included in the National Social Assistant Programme (NSAP) launched in 1995-96. Explain any three schemes in detail. (7M) CO4

(OR)

9. (a) Explain the methods of judging the distance. (10M) CO4
(b) When distance is over-estimated? (4M) CO4

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B.TECH. DEGREE EXAMINATION, DECEMBER-2023

Semester V [Third Year] (Regular & Supplementary)

NATIONAL CADET CORPS - I

Time: Three hours

Maximum Marks: 70

Answer Question No.1 compulsorily. (14 x 1 = 14)

Answer One Question from each unit. (4 x 14 = 56)

1. Answer the following:

- (a) When did National Cadet Corps Come into existence? CO1
- (b) Is the NCC Programme part of the Educational activity or is it a part of military activity? CO1
- (c) What are the NCC rules for Physical Criterion for a Student to join NCC? CO1
- (d) President is authorised _____ salute. CO2
- (e) What is the capacity of .22 Rifle Magazine? CO2
- (f) Bearing is always measured in _____ direction CO2
- (g) Define dimension of self-awareness in personality development. CO3
- (h) Define scale. CO3
- (i) List any 3 schemes under rural development programmes in India CO3
- (j) What are the causes and prevention of HIV/AIDS? CO4
- (k) What is section average? CO4
- (l) The strength of SD coy is _____ cadets CO4
- (m) What is the rank of DG NCC? CO4
- (n) When was NCC formed in India? CO4

UNIT – I

2. (a) Highlight the Motto and Aim(s) of NCC. (7M) CO1
- (b) What is the composition of Directorate General NCC? (7M) CO1

(OR)

3. (a) List various types of Camps in NCC and briefly explain importance of each type. (7M) CO1
(b) What sort of activities are undertaken in NCC (7M) CO1

UNIT – II

4. (a) What are the major Indian religions and percentage of population respectively (7M) CO2
(b) Illustrate principles of Time Management. (7M) CO2

(OR)

5. (a) Illustrate the concept of Life skills and use of Core Skills in daily life. (7M) CO2
(b) Write the safety precautions, while assembling, sight setting. Of weapon .22 Rifles. (7M) CO2

UNIT – III

6. (a) Briefly explain the dimensions of self-awareness through SWOT analysis. (7M) CO3
(b) Define grid and grid lines. What are the methods of grid reference, topographical forms? (7M) CO3

(OR)

7. (a) Highlight the psychological and philosophical factors influencing / shaping personality (7M) CO3
(b) Define Scale. What are the different methods of expressing a scale? (7M) CO3

UNIT – IV

8. (a) State the need of rural development programmes in India. Highlight unique features of the act of SGSY initiative. (7M) CO4
(b) List different types of terrain and how it is used in battle craft in brief. (7M) CO4

(OR)

9. (a) Briefly explain the basics of social service and its need to the weaker sections. (7M) CO4
(b) Highlight the civic responsibilities of youth towards social welfare (7M) CO4

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