

Q.20 What do you understand by natural disaster?  
Describe any one.

Q.21 Name any 5 fire fighting equipments. Explain any one of them.

Q.22 Name any 5 obstacles trainings given in NCC.

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Roll No. ....

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**4th Sem. / Automation & Robotics  
Subject : Open Elective**

Time : 3 Hrs.

M.M. : 60

**SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the different types of leadership traits.

Q.24 Draw the symbols of following.

- i) Temple
- ii) Well
- iii) Church
- iv) Post office
- v) Bridge

Q.25 Explain any four communication methods used by Indian Army.

**(Note:** Course outcome/CO is for office use only)

(60)

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**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 To whom is the national salute given?

- a) Prime minister      b) Defence minister
- c) The president      d) All of them

Q.2 A series of shots fired at the same point of aim, from same position and hold is defined as

- a) Shooting      b) Firing
- c) Group      d) Practice

Q.3 A process that eliminates transmissible agents (such as fungi, bacteria, viruses etc.) present on a surface is known as

- a) Hygiene      b) Cleaning
- c) Sterilization      d) Pasteurization

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Q.4 Name the highest Gallantry award in the face of enemy

- a) Ashok chakra      b) Bharat ratna
- c) Mahavir chakra    d) Paramveer chakra

Q.5 The gap between feet in Vishram (relax) position is \_\_\_\_ inches

- a) 12 inches            b) 15 inches
- c) 30 inches            d) 6 inches

Q.6 The head of committee of NCC formation was \_\_\_\_\_

- a) Pundit Jawahar Lal Nehru
- b) Pundit HN Kunjru
- c) Gen Manekshaw
- d) Narayan Shastri

### **SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 The purpose of the Drill is to \_\_\_\_\_ in the cadets.

Q.8 The length of steps in fast march (Tez Chaal) is \_\_\_\_\_ inches.

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Q.9 Rapid rate of fire of 7.62 SLR is \_\_\_\_\_ rounds.

Q.10 The human body has \_\_\_\_\_ bones.

Q.11 There are how many types of north?

Q.12 When was NCC raised?

### **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What is the criteria for NCC special Entry scheme?

Q.14 Name methods of judging distance. Explain any two.

Q.15 Write short note on national integration.

Q.16 Explain following :

- a) Visarjan (Dismiss)
- b) Line Tor (Fall out)

Q.17 Name five parts of compass.

Q.18 What are the types of leaders? Explain any one with example.

Q.19 What are the different social service activities undertaken by NCC?

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