

PRELIMINARY INTERVIEW BOARD
TERRITORIAL ARMY COMMISSION : 10 FEB 2013

WRITTEN PAPER

Max Time : 2 Hours

Max Marks : 100

Roll No _____

Marks Awarded			
Section 1		Section 2	Total
Part I	Part II		

Index No _____

(Not to be filled by the candidate)

(Please read the instructions carefully)

INSTRUCTIONS

1. No additional sheet will be provided other than the question paper
2. Section 1- General English has two parts- Part I and Part II
 - (a) Part I .Essay in English (30 Marks)
 - (b) Part II- Short Answers in English (10 Marks)
3. Section II consists of Objective Type questions (60 Marks)
4. Erasures, overwriting in objectives and fill in the blanks type question will not be awarded any marks.
5. There will be no negative marking.
6. To be eligible to qualify you must obtain 40% marks each in Section I and II and minimum 50% aggregate marks.

SECTION - 1 PART I (Essay)

Q1. Write an essay in about 300 words in any of the topics mentioned below?

(Marks 30)

- (a) J&K Interlocutor's report headed by D Padgaonkar, Radha Kumar and MM Ansari suggested a host of political and economic measures to bring the people of the state in to mainstream. Please discuss the report in detail. Will it be in the interest of the country to implement the recommendations?
- (b) The Central Govt has allowed Foreign Direct Investment (FDI) in Multi Brand Retail. Write a short note on FDI.
- (c) Reservation in Promotion Bill was passed by the Govt in Rajya Sabha with overwhelming majority recently. Some call it social justice and some blame it as vote bank politics which will further divide the already fragmented society.
 1. What are the provisions of the said bill?
 2. Why is there a need to amend the Constitution?
 3. Will it prove a step towards social justice or otherwise? If the policy is to be continued, what is way ahead?
- (d) Write a short note on Kudankulam Nuclear Project which was recently in news due to agitation by some NGOs who are against Nuclear Power Project keeping in view the risk involved.
- (e) "Judicial activism is usually described as a pro-active role played by the judiciary which is largely attributed to the judicial creativity and dynamism of judges". Though this judicial over-reach bolsters public confidence in Democratic system, it impinges upon the functioning and jurisdiction of executive and legislature.
 1. Define the term "Judicial Activism.
 2. What criticism is generally associated with this notion?
 3. In the backdrop of many landmark judgments of the courts, can this term be replaced with "Jurisprudence"?

PART - II ENGLISH COMPREHENSION

Read the following passage carefully to answer the questions given below

(Marks 10)

Every breath came wheezing out of me like an asthmatic in trouble. My legs felt like lead and though it was cold and windy, my clothes were though it was cold and windy, my clothes were damp with sweat.

"Only 30 minutes more," said Qasimwani my much older and fitter forest guide and friend. What he never added was that the kilometre long trudge to our next nest-stop Sangargulu in upper Dachigam 4,000 metres above sea-level was almost straight up as he himself doesn't find the climb difficult.

We had walked for five straight hours, starting from the lower reaches of Kashmir's Dachigam National Park roughly following the route of the Himalayan glacier-fed Dagwan river up to its source. I had come to know and love this crystal mountain stream well. It sustained an incredible diversity in abundance of flora and fauna a nature coupled with animals before pouring its musical aqua into Srinagar's famed Dal Lake; without the Dagwan, the health and economy of Srinagar would beat a risk. I thought to myself as I paused, frequently to take in the sight of sanctuary of black bears, yellow throated mantels, Dachigam's endangered Hangul deer, Hanuman Langurd monkeys and the throb of buzz of bees and shrills of birds and multi-hued insects all around. And my word. The birds! Red billed blue magpies, redstarts, orioles and woodpeckers combined with warblers to set up an orchestra providing a welcome mist-laden breather from the leg-after-leg goat trek hike that stole my breath away. Like leaves of a book, every 1000 metres or so new stories unfolded as the national canvas changed. Verdant which are green and flourishing Chinar, Oak and Walnut gave way to higher elevation forests of silver Birch and Conifers where spiders and sawscaled vipers shared silent space in the dark root hollows of ancient trees. Above the treeline amidst Junipers and one of our planet's most spectacular wild flower fields in Sangargulu, I momentarily caught my breath, lay down and slept for a while.

The 141 square kilometres Dachigam was a second home away from our Bombay home till the mid 1980's. Back then Dachigam had its problems but they were different excess grazing, wood cutting, a sheep farm and trout hatchery in the heart of the park that we wanted out. Today there is a deep hollow, a pain. It is the relentless destruction of all that makes Kashmir. Kashmir beneath the picture postcard insets are deforested slopes, polluted rivers and lakes, and hard evidence of relentless march of climate change-much of it is the result of human interference resulting in melting glaciers, the retreat of junipers, early and late flowering, nesting and erratic migration. Such fluctuations are destabilizing the ecological foundations of Kashmir.

Is all lost then? Are the hundreds of other Himalayan valleys condemned to a fate worse than death? No, far from it, India as cautious hope can escape the worst impact of climate change if we act purposefully but the public will probably have to force the policy makers to move away from carbon energy and restore the many degraded ecosystems that sequester and store carbon, and buffer us from floods and droughts.

- Q1. Choose the word from the passage which means green and flourishing.
 (a) Sangargulu (b) **Verdant** (c) Conifers (d) Treeline
- Q2. Word which implies a long difficult walk.
 (a) **Trudge** (b) Straight up (c) Arithmetic (d) Lead
- Q3. According to the passage what stories unfolded as the author climbed up the Dachigam Sanctuary?
 (a) **Of abundance of flora and fauna in nature** (b) Of rare birds
 (c) Of Hangul Deer (d) Of deforestation
- Q4. A word from the passage that means a safe place.
 (a) **Groves** (b) Spectacular (c) Sanctuary (d) Retreat
- Q5. A word that implies water.
 (a) Glacier (b) Mist-laden (c) **Aqua** (d) Vistas
- Q6. The endangered species of Dachigam is
 (a) Black Bear (b) Sloth Bear (c) Viper (d) **Hangul**
- Q7. In the passage the sound of the Dachigam Sanctuary are described in terms of
 (a) **Buzz of Bees; shrill whistle of birds** (b) Gurgling of Stream
 (c) Ruckus of Monkeys (d) Grunt of Hungul
- Q8. In the passage the guide Qasim never mentions that the kilometre long climb was straight up. Why?
 (a) **He himself doesn't find the climb difficult.**
 (b) He doesn't want to scare the author.
 (c) He wants the author to climb slowly and enjoy natural beauty.
 (d) He doesn't expect the author to get tired.
- Q9. The author at the end of the passage sounds a note of _____ for the revival of Himalayan valleys.
 (A) Pessimism (b) Optimism (c) Skepticism (d) **Cautious hope**
- Q10. Hopes of Revival lie in
 (a) Public policy (b) Carbon credit trading
 (c) **Restoration of degraded eco-system** (d) Reforestation

SECTION II

GENERAL AWARENESS

(Marks 60)

Direction : Please tick the correct answer (✓)

- Q1. Who of the following has won the Orange Cap award in the IPL Championship (2012)?
 (a) **Chris Gayle** (b) Gautam Gambhir (c) Shikar Dhawan (d) Virender Sehwag
- Q2. Who is the supreme commander of Defence Forces in India?
 (a) **President** (b) Prime Minister (c) Defence Minister (d) Chief of Army Staff
- Q3. Who is the Chief of Army Staff of India ?
 (a) Gen JJ Singh (b) **Gen Bikram Singh** (c) Gen VK Singh (d) Gen Deepak Kapoor
- Q4. National Bird of India is ____
 (a) Hen (b) Crow (c) **Peacock** (d) Mynah
- Q5. External forces acting on an object
 (a) are always balanced (b) are always unbalanced
 (c) **may or may not be balanced** (d) None of the above
- Q6. The total number of vertebra in human spinal chord is
 (a) 30 (b) **33** (c) 26 (d) 29
- Q7. Mercury thermometer was invented by
 (a) Newton (b) Priestley (c) **Fahrenheit** (d) Galileo
- Q8. The value of -30° c on Fahrenheit scale is
 (a) -54°F (b) 32°F (c) 22°F (d) **-22°F**
- Q9. Who of the following Indian has been included in the 2012 list of world's most influential people?
 (a) **Mamata Banerjee** (b) Sonia Gandhi (c) Mulayam Singh (d) Pranab Mukherjee
- Q10. If the door of a running refrigerator in a closed room is kept open, what will be the net effect on the room?
 (a) It will cool the room (b) **It will heat the room**
 (c) It will make no difference on the average (d) It will make the temperature go up and down
- Q11. Which of the following countries topped the final medals tally at the 2012 Winter Youth Olympic Games?
 (a) **Germany** (b) China (c) Austria (d) South Korea
- Q12. Which of the following cities hosted the meeting of the International North-South Transport Corridor (INSTC) in 2012?
 (a) **New Delhi** (b) Moscow (c) Tehran (d) Ankara

- Q13. Who is the author of the latest book "A Life in Politics"?
- (a) Mamata Banerjee (b) **PA Sangma** (c) Pranab Mukherjee (d) Prakash Karat
- Q14. A coin immersed in water pond appears to be raised when viewed from the top. What is this due to?
- (a) Heaviness of the coin (b) Scattering of light (c) Reflection of light (d) **Refraction of light**
- Q15. Galvanized iron is coated with a thin coating of
- (a) tin (b) **zinc** (c) aluminium (d) copper
- Q16. Which of the following countries topped the 2012 list of most failed states in the world?
- (a) Congo (b) Sudan (c) **Somalia** (d) Chad
- Q17. Which one is not a metal?
- (a) Sulphur (b) Sugar (c) Nitrogen (d) **All of these**
- Q18. Which of the following is an element?
- (a) Plastic (b) **Cadmium** (c) Alcohol (d) Ice
- Q19. Which of the following countries has won the 21st Sultan Azlam Shah Hockey Cup in 2012?
- (a) Argentina (b) Pakistan (c) Australia (d) **New Zealand**
- Q20. The latest book "Pakistan on the Brink: The Future of America, Pakistan and Afghanistan" is written by;
- (a) Jack Higgins (b) Khalid Mohamed (c) Jamil Ahmad (d) **Ahmed Rashid**
- Q21. In which categories did Marie Curie win her two different Nobel prizes?
- (a) **Physics and Chemistry** (b) Chemistry and Medicine
(c) Physics and Medicine (d) Chemistry and Peace
- Q22. Sherwood Rowland, who died in 2012, was a renowned as ____
- (a) Physicist (b) **Chemist** (c) Economist (d) Indologist
- Q23. Which one of the following is involved for desalination of sea water?
- (a) **Reverse osmosis** (b) Simple osmosis (c) Use of sodium aluminium (d) None of the these
- Q24. Who is the author of the latest book "Anna : 13 Days That Awakened India"?
- (a) Jahnvi Barua (b) Padma Desai (c) Ajay Tiwari (d) **Ashutosh**
- Q25. The theory of survival of the fittest was propounded by
- (a) Smith (b) Mandela (c) **Charles Darwin** (d) Karl Landsteiner
- Q26. The unit of classification of plants and animals is
- (a) class (b) genes (c) order (d) species
- Q27. Which reference to human nutrition consider the following statements?
- I. Banana is richer source of carbohydrates than apples. II. Banana contain some amount of protein also.
III. Spinach has no protein at all. IV. Patatoes are richer sources of protein than peas.
- Which of the above statements are correct?
- (a) **I and II** (b) II,III and IV (c) III and IV (d) All
- Q28. Which one of the following is a macronutrient?
- (a) **Potassium** (b) Manganese (c) Copper (d) Boron
- Q 29 A colourblind person has difficulty in distinguishing between which colours?
- (a) Black and Blue (b) Green and violet (c) White and yellow (d) **Green and red**
- Q30. The blood pressure is the pressure of blood in
- (a) **Arteries** (b) veins (c) Hand (d) Heart
- Q31. Malaria spreads through the vector
- (a) Tse-tse mosquito (b) Culex mosquito (c) Aedes mosquito (d) **Anopheles mosquito**
- Q32. Ornithology is the study of
- (a) Mosquito (b) **Birds** (c) Insects (d) Animals
- Q33. Total number of bone in the human skeleton
- (a) 208 (b) 300 (c) **206** (d) 218
- Q34. A band of white fibres which joins muscles to bone.
- (a) Ligament (b) **Tendon** (c) Elastin (d) Actin
- Q35. Rh-factor was first discovered in
- (a) human male (b) human female (c) dog (d) **monkey**
- Q 36. Fever causing substance is called
- (a) pathogen (b) **pyrogen** (c) interrefon (d) antigen
- Q37. Insects that can transmit diseases to human are referred to as
- (a) carriers (b) reservoirs (c) **vectors** (d) incubators
- Q38. Which of the following parts of blood carry out the function of body defence?
- (a) Red blood cells (b) **White blood cells** (c) Platelets (d) Haemoglobins
- Q39. Which of the following is biodegradable?
- (a) **Paper** (b) DDT (c) Polythene (d) Rubber
- Q40. Green house effect means
- (a) pollution in house in tropical region
(b) **trapping of solar energy due to atmospheric carbon dioxide**
(c) prevention from ultra violet radiations by the ozone
(d) None of the above
- Q41. Which among the following are the most important raw materials for manufacturing of soap?
- (a) **Fats and caustic alkali** (b) Fats and potash (c) Fats and acid (d) Vegetable oil and potash

- Q42. The Indus Valley Civilization flourished during
 (a) 5000 BC-3500 BC (b) 3000 BC-1500 BC (c) **2500 BC-1750 BC** (d) 1500 BC-500 BC
- Q43. The script of the Indus Valley Civilization was/is
 (a) Persian (b) Dravidian (c) Sanskrit (d) **Undeciphered**
- Q44. Saka era was founded by
 (a) Ashoka (b) Harsha (c) **Kanishka** (d) Vikramaditya
- Q45. The first Muslim invasion of India was led by
 (a) Mahmud Gazi (b) Muhammad Ghori (c) **Muhammd-bin-Qasim** (d) Timur
- Q46. The structure of Qutub Minar was completed by
 (a) Aram Shah (b) Qutubuddin Aibak (c) **Iltutmish** (d) Muhammad-bin-Tughlaq
- Q47. Which of the following founded the famous Hindu College in Calcutta?
 (a) Ishwar Chandra Vidyasagar (b) Henry Vivian Derozio
 (c) **David Hare** (d) **Raja Rammohan Roy**
- Q48. Which of following were the first Europeans to set up trading settlements in India?
 (a) French (b) Spanish (c) **Portuguese** (d) Dutch
- Q 49. Delhi become the capital of India in
 (a) 1910 (b) **1911** (c) 1916 (d) 1923
- Q50. Who among the following pioneered Khilafat Movement?
 (a) Sir Syed Ahamed Khan (b) MA Jinnah (c) Mahatma Gandhi (d) **Ali Brothers**
- Q51. Which of the following was the first woman President of Indian National Congress?
 (a) Sarojini Naidu (b) **Annie Besant** (c) Sucheta kiplani (d) Raj Kumari Amrit Kaur
- Q52. What is suffrage?
 (a) **Right to vote** (b) Departure to another country
 (c) Right to believe in any religion (d) Right to freedom to marry
- Q53. During the French Revolution in 1789, France was ruled over by which of the following Dynasty?
 (a) Tudor dynasty (b) **Bourbon dynasty** (c) Mughal dynasty (d) Czar dynasty
- Q54. Which of the following languages is not an official language of UNO?
 (a) Arabian (b) Russian (c) Chinese (d) **German**
- Q55. Which of the following States is the leading producer of tobacco?
 (a) **Andhra Pradesh** (b) Bihar (c) Tamil Nadu (d) Gujarat
- Q56. Which one of the following are not kharif crops?
 (a) Bajra and maize (b) Sugarcane and groundnut (c) Rice and jowar (d) **Barley and mustard**
- Q57. The Tehri dam has been constructed on the river
 (a) Ganga (b) Brahmaputra (c) Yamuna (d) **Bhagirathi**
- Q58. The constitution of India was enacted by Constituent Assembly set up
 (a) **under the Cabinet Mission Plan , 1946** (b) promulgation of the Rowlatt Act, 1919
 (c) the Indian Council Act, 1892 (d) Indian Independence Act, 1947
- Q59. How many members of the Rajya Sabha are nominated by the President?
 (a) 10 (b) **12** (c) 13 (d) 14
- Q60. Devaluation means
 (a) **to reduce the value of home currency in other currency** (b) to appreciate the value of home currency
 (c) to issue new currency in place of old currency (d) None of the above

ANSWERS ARE BOLD