

**PRELIMINARY INTERVIEW BOARD**

1/4i kj fEÖd I k{kRdkj ckM1/2

**Total Pages- 24**

**TERRITORIAL ARMY COMMISSION: FEB 2013**

(çknf' kd I uk deh' ku : Qjcjh 20131/2

**WRITTEN PAPER**

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**Max Time-2 Hours**

1/4vf/kdre I e; - 2 Ä.Vk1/2

**Max Marks - 100**

1/4vf/kdre vød - 1001/2

**Roll No-** \_\_\_\_\_  
jksy uEcj \_\_\_\_\_

Marks Awarded			
Section I		Section II	Total
Part I	Para II		

**Index No** \_\_\_\_\_

**(Not to be filled by candidate)**

bMÖI I a[; k - \_\_\_\_\_

1/4kjh{kKfkhZ ds }kjk u Öjk tk; 1/2

**(Please read the Instructions Carefully)**

¼d1; k funŕ kka dks /; kui wD i <a ½

**INSTRUCTIONS**

¼ funŕ k ½

1. **No additional sheet will be provided other than the question paper**  
bl iz u i = ds vykok dkbz vyx l s dkt ugha fn; s tk, æs A
2. **Section 1- General English has two parts- Part I and Part II**  
[k. M , d ea væsth ds isj ds nks ðkx gñ ðkx 1 vkŕ ðkx 2
  - (a) **Part I –Eassy in English (30 Marks)**  
ðkx 1 væsth ea fucl/k ¼30 vad½
  - (b) **Part II- Short Answers in English (10 Marks)**  
ðkx 2 væsth ea y?k mRRkj ¼10 vad½
3. **Section II consists of Objective Type questions (60 Marks)**  
[k. M nks vkŕtfDVo iz u 60 vad
4. **Erasures, overwriting in objectives and fill in the blanks type question will not be awarded any marks.**  
¼ vkŕtfDVo iz u vkŕ fjDr LFkku ðjus okys iz ukæ ea ckj ckj u fy [k vl ; Fkk dkbz ðh vad ugha fn; k tk; ækk ½
5. **There will be no negative marking.**  
¼ xyr mRrj ds fy; s dkbz vyx l s vad ugha dks tk; æs ½
6. **To be eligible to qualify you must obtain 40% marks each in Section I and II and minimum 50% aggregate marks.**  
¼mRrh. kZ gkus ds fy; s [k. M , d vkŕ nks ea U; ure 40% vad vkŕ vkŕ r 50% vad vko' ; d gñ ½

**SECTION – 1**  
**PART – I : ESSAY WRITING**

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.

(i) What are the provisions of the said bill?

(ii) Why is there a need to amend the Constitution?

(iii) 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.

(i) Define the term "Judicial Activism.

(ii) What criticism is generally associated with this notion?

(iii) 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

**(10 Marks)**

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 saw-scaled 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 Sungargulu, 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.

1. Choose the word from the passage which means green and flourishing.
  - (a) Sangargulu
  - (b) Verdant
  - (c) Conifers
  - (d) Treeline
  
2. Word which implies a long difficult walk.
  - (a) Trudge
  - (b) Straight up
  - (c) Arithmetic
  - (d) Lead
  
3. 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
  
4. A word from the passage that means a safe place.
  - (a) Groves
  - (b) Spectacular
  - (c) Sanctuary
  - (d) Retreat
  
5. A word that implies water.
  - (a) Glacier
  - (b) Mist-laden
  - (c) Aqua
  - (d) Vistas
  
6. The endangered species of Dachigam is
  - (a) Black Bear
  - (b) Sloth Bear
  - (c) Viper
  - (d) Hangul
  
7. 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
  
8. 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.

9. 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 |

10. Hopes of Revival lie in

- |  |                           |
|--|---------------------------|
| (a) Public policy                      | (b) Carbon credit trading |
| (c) Restoration of degraded eco-system | (d) Reforestation         |

**SECTION -2**[k.M 2**GENERAL AWARENESS**I kekl; Kku

(Marks-60)

**Direction :** Please tick the correct answer ( )

funz k : d!; k l gh mRrj dks fPKUg yxk, a ( \_ )

1. Who of the following has won the Orange Cap award in the IPL Championship (2012) ?  
fdl f[kykMh us vkbz ih , y 2012 ea vkjst ds dk f[krkc thrk

- |                                  |                                      |
|----------------------------------|--------------------------------------|
| (a) Chris Gayle<br>fdl xsy       | (b) Gautam Gambhir<br>xksre xEOhj    |
| (c) Shikar Dhawan<br>f'k[kj /kou | (d) Virender Sehwag<br>ohjshz l gokx |

Q2. Who is the supreme commander of Defence Forces in India?  
Okjrh; l suk dk l qthe dek.Mj dksu gs

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| (a) President<br>jk"Vfr         | (b) Prime Minister<br>i/kkue=h        |
| (c) Defence Minister<br>j{kke=h | (d) Chief of Army Staff<br>l suk/; {k |

Q3. Who is the Chief of Army Staff of India ?  
Okjr dk l suk/; {k dksu gs

- |                                     |  |
|-------------------------------------|--|
| (a) Gen JJ Singh<br>tujy ts ts fl g | (b) Gen Bikram Singh<br>tujy fode fl g   |
| (c) Gen VK Singh<br>tujy oh ds fl g | (d) Gen Deepak Kapoor<br>tujy nhi d di j |

Q4. National Bird of India is\_\_\_\_  
Okjr dk jk"Vfr; i {kh -----gs

- |                    |                  |
|--------------------|------------------|
| (a) Hen<br>epkz    | (b) Crow<br>dk&v |
| (c) Peacock<br>ekj | (d) Mynah<br>e&k |

Q5. External forces acting on an object

ckgjh 'kfDr; ka dkl fdl h oLr qka ij i ðko dñ k gkrk gñ

- |  |   |
|--|---|
| (a) are always balanced<br>ge'kk l rñfy                | (b) are always unbalanced<br>ge'kk vl rñfy        |
| (c) may or may not be balanced<br>Lkrñfy vFkok vl rñfy | (d) None of the above<br>mi ; ðr ea l s dkbz ugha |

Q6. The total number of vertebra in human spinal chord is

vkneh dh jhM ds gMMh ea dñ oVck -----gñ

- |        |        |
|--------|--------|
| (a) 30 | (b) 33 |
| (c) 26 | (d) 29 |

Q7. Mercury thermometer was invented by

ejdjh FkeñVj dkl vkfo"dkjd -----

- |                              |                           |
|------------------------------|---------------------------|
| (a) Newton<br>l; W/u         | (b) Priestley<br>i hLVyh  |
| (c) Fahrenheit<br>Qkgj kukbV | (d) Galileo<br>xSyhfy; ks |

Q8. The value of  $-30^{\circ}\text{C}$  on Fahrenheit scale is

$-30^{\circ}\text{C}$  dkl Qkgj kukbV Ldsy ea l ekurj -----gñ

- |                           |                           |
|---------------------------|---------------------------|
| (a) $-54^{\circ}\text{F}$ | (b) $32^{\circ}\text{F}$  |
| (c) $22^{\circ}\text{F}$  | (d) $-22^{\circ}\text{F}$ |

Q9. Who of the following Indian has been included in the 2012 list of world's most influential people?

fuEu fyf[kr ea dku l k "kjrñ; 2012 ea l d kj ds l cl s i ðkfor 'kf[l ; r dh l ph ea 'kkfey gñk

- |  |                                    |
|--|------------------------------------|
| (a) Mamata Banerjee<br>eerk cutñ             | (b) Sonia Gandhi<br>l kfu; k xk/kh |
| (c) Mulayam Singh Yadav<br>eyk; e fl g ; kno | (d) Pranab Mukherjee<br>izko eq[kñ |



Q10. It the door of a running refrigerator in a closed room is kept open, what will be the net effect on the room ?

vxj pyr k gvk j QhtjMj dk njoktk cln dejs ea [kyk j [kk tk; s rks ml dk i Dko D; k i Msxk

- (a) It will cool the room  
dejs dks B.Mk djxk
- (b) It will heat the room  
dejs dks xel djxk
- (c) It will make no difference on the average  
dejs ds rki eku ea dkbz QdZ ugha
- (d) It will make the temperature go up and down  
Rkki eku dOh de dOh T; knk gksxk

11. Which of the following countries topped the final medals tally at the 2012 Winter Youth Olympic Games?

o"kl 2012 folVj ; Fk vkyfEi d [ky ea dksu l k ns'k ind rkfydk ea l cl s Åij Fkk

- (a) Germany  
teLh
- (b) China  
phu
- (c) Austria  
vk"Vfy; k
- (d) South Korea  
nf{k.kh dkfj; k

12. Which of the following cities hosted the meeting of the International North-South Transport Corridor (INSTC) in 2012?

o"kl 2012 dh b.Vjus'kuy ukFkz l kmFk Vka i ksz dkfj Mkj %vkbz , u , l Vh l h½ dh ehfvax fdl 'kgj ea gpl

- (a) New Delhi  
ubz fnYyh
- (b) Moscow  
ekLdks
- (c) Tehran  
rgjku
- (d) Ankara  
vdkjk

Q13. Who is the author of the latest book "A Life in Politics"?

“, ykbQ bu ikfyfVDI ” fdrkc dk ys[kd dksu Fkk

- (a) Mamata Banerjee  
eerk cutihz
- (b) PA Sangma  
ih , l æek
- (c) Pranab Mukherjee  
izko eq[ktihz
- (d) Prakash Karat  
izdk'k djkr

Q14. A coin immersed in water pond appears to be raised when viewed from the top. What is this due to ?

Rkkykc ea Mpkk; k gvk fl Ddk Åij l s ns[kus ij mDjk gvk yxrk gSA bl dk dkj .k -----

- (a) Heaviness of the coin  
fl Dds dk Okj
- (b) Scattering of light  
jks'kuh dk frrj fcrj gksuk
- (c) Reflection of light  
jks'kuh dh fdj .kka dk ijko fr
- (d) Refraction of light  
jks'kuh dh fdj .kka dk eMuk

Q15. Galvanized iron is coated with a thin coating of \_\_\_\_\_

- |                             |                    |
|-----------------------------|--------------------|
| (a) tin<br>fVu              | (b) zinc<br>fTkcd  |
| (c) aluminium<br>vY; pfu; e | (d) copper<br>rkck |

Q16. Which of the following countries topped the 2012 list of most failed states in the world?

- |                          |                    |
|--------------------------|--------------------|
| (a) Congo<br>dkxks       | (b) Sudan<br>l Wku |
| (c) Somalia<br>Lkckfy; k | (d) Chad<br>pkM    |

Q17. Which one is not a metal?

- |                         |                          |
|-------------------------|--------------------------|
| (a) Sulphur<br>l YQj    | (b) Sugar<br>phuh        |
| (c) Nitrogen<br>ukbVktu | (d) All of these<br>l Oh |

Q18. Which of the following is an element?

- |                        |                        |
|------------------------|------------------------|
| (a) Plastic<br>lykfLVd | (b) Cadmium<br>dMeh; e |
| (c) Alcohol<br>efnjk   | (d) Ice<br>cQl         |

Q19. Which of the following countries has won the 21<sup>st</sup> Sultan Azlam Shah Hockey Cup in 2012?

- |                            |                               |
|----------------------------|-------------------------------|
| (a) Argentina<br>vt Vhuk   | (b) Pakistan<br>i kfdLrku     |
| (c) Australia<br>vk"Vfy; k | (d) New Zealand<br>U; wt hySM |

20. The latest book "Pakistan on the Brink: The Future of America, Pakistan and Afghanistan" is written by;

"fdrkc i kfdLrku vku n fcd n Q; ipj vkQ vefj d, i kfdLrku , .M vQxkkfuLrku", fdl us fy [kh

- |                                |                                    |
|--------------------------------|------------------------------------|
| (a) Jack Higgins<br>t d fgxll  | (b) Khalid Mohamed<br>[kkfyn ekjEn |
| (c) Jamil Ahmad<br>Tkeh y vgen | (d) Ahmed Rashid<br>vgen j' khn    |

Q21. In which categories did Marie Curie win her two different Nobel prizes?

ešh D; ijh dks fdu fo"k; ka ij nks ckj ukcy ijLdkj feyk

- |   |  |
|---|--|
| (a) Physics and Chemistry<br>Òkšrd vks j l k; fud foKku | (b) Chemistry and Medicine<br>j l k; fud foKku vks vksšf/k |
| (c) Physics and Medicine<br>Òkšrd foKku vks vksšf/k     | (d) Chemistry and Peace<br>j l k; fud foKku vks 'kkfUr     |

Q22. Wherwood Rowland, who died in 2012, was a renowned as\_\_\_\_\_

oj oM jkoyM ftudk ngkUr 2012 ea gvk Fkk oks fdl fo"k; ea fo'kšK Fks

- |                               |  |
|-------------------------------|--|
| (a) Physicist<br>Òkšrd 'kk"=h | (b) Chemist<br>j l k; u 'kk"=h                   |
| (c) Economist<br>vFkž kk"=h   | (d) Indologist<br>Òkj rh; bfrgkl dkj/I kfgR; dkj |

Q23. Which one of the following is involved for desalination of sea water?

fdl i }fr l s l kxj ds i kuh l s ued fudkyk tkrk gš

- |  |   |
|--|---|
| (a) Reverse osmosis<br>fjol l vLekf l l                      | (b) Simple osmosis<br>l k/kkj .k vLekf l l  |
| (c) Use of sodium aluminium<br>l kšM; e vY; vhf; e dk bLrøky | (d) None of the these<br>buea l s dkbž ugha |

Q24. Who is the author of the latest book "Anna : 13 days that Awakened India"?

'vUuk 13 Mst nš/ vodUM bšM; k' fdrkc dk ys[kd dku gš

- |                                  |                                  |
|----------------------------------|----------------------------------|
| (a) Jahnvi Barua<br>tklgoh c: vk | (b) Padma Desai<br>i nek nš kkbž |
| (c) Ajay Tiwari<br>vt; frokjh    | (d) Ashutosh<br>vk' kq'kšk       |

Q25. The theory of 'survival of the fittest' was propounded by  
 'I jokboy vkQ n fQV4V' fl ) kUr dks fdI us i fl ) fd; k

- |                                     |   |
|-------------------------------------|---|
| (a) Smith<br>fLeFk                  | (b) Mandela<br>eMsyk                    |
| (c) Charles Darwin<br>pkYI l MkfoLu | (d) Karl Landsteiner<br>dkyZ yS MbLVsuj |

Q26. The unit of classification of plants and animals is  
 i M i kS'kka vkSj i 'kq'ka dk oxh'bj . k dk ; fuV D; k gS

- |                  |                         |
|------------------|-------------------------|
| (a) class<br>oxZ | (b) genes<br>o' k       |
| (c) order<br>de  | (d) species<br>tkfr; ka |

Q27. Which reference to human nutrition consider the following statements?  
 ekuo i kS'Vdrk dks /; ku ea j [krs gq s uhps fy [ks dFku dk v//k; u djA

- I. Banana is richer source of carbohydrates than apples.  
dsk l c l s T; knk dkck'kbM'V dk l k/ku gA
- II. Banana contain some amount of protein also.  
dsk ea dN ek=k ea i kS/hu feyrk gA
- III. Spinach has no protein at all.  
i kyd ea dkbZ i kS/hu ugha gA
- IV. Patatoes are richer sources of protein than peas.  
vkyw eVj l s T; knk i kS/hu dk l k/ku gA

Which of the above statements are correct?  
 mi ; Dr ea dku l k dFku l R; gS

- |                                |  |
|--------------------------------|--|
| (a) I and II<br>, d vkSj nks   | (b) II, III and IV<br>nks rhu vkSj pkj |
| (c) III and IV<br>rhu vkSj pkj | (d) All<br>l Oh                        |

Q28. Which one of the following is a macronutrient?  
 dku l k buea l s es'k; fu'v. V gS

- |                               |                          |
|-------------------------------|--------------------------|
| (a) Potassium<br>i kS'f' k; e | (b) Manganese<br>eSuxuht |
| (c) Copper<br>rkack           | (d) Boron<br>ckj ku      |

Q 29 A colourblind person has difficulty in distinguishing between which colours?  
 , d dyj cykb.M vkneh fdu j ækks dks i gpkuus ea dfBukbz egl ¶ djrk g\$

- |  |                                       |
|--|---------------------------------------|
| (a) Black and Blue<br>dkyk vkj uhyk    | (b) Green and violet<br>gjk vkj c\$uh |
| (c) White and yellow<br>I Qn vkj i hyk | (d) Green and red<br>gjk vkj yky      |

Q30. The blood pressure is the pressure of blood in  
 [ku ds -----ea nckc dks j Drpki dgrs g\$

- |                           |                   |
|---------------------------|-------------------|
| (a) Arteries<br>ukMh/keuh | (b) veins<br>ul ¶ |
| (c) Hand<br>gkFk          | (d) Heart<br>fny  |

Q31. Malaria spreads through the vector  
 eyfj ; k dks Qsykus okyk ePNj -----g\$

- |                                      |   |
|--------------------------------------|---|
| (a) Tse-tse mosquito<br>I s I s ePNj | (b) Culex mosquito<br>D; ¶DI ePNj         |
| (c) Aedes mosquito<br>, Mht ePNj     | (d) Anopheles mosquito<br>, ukfQyh't ePNj |

Q32. Ornithology is the study of  
 vkj fuFkkyksth --- dk v//; u g\$

- |                      |                      |
|----------------------|----------------------|
| (a) Mosquito<br>ePNj | (b) Birds<br>i {kh   |
| (c) Insects<br>chMk  | (d) Animals<br>i 'kq |

Q33. Total number of bone in the human skeletons  
 ekuo 'kj hj ea dy fdruh gfMM; ka gkrh g\$

- |         |         |
|---------|---------|
| (a) 208 | (b) 300 |
| (c) 206 | (d) 218 |

Q34. A band of white fibres which joins muscles to bone.

ekd i f'k; ka dks gMMh l s tkMus okyk l Qn j s'ks dks D; k dgrs gā

- |                           |                     |
|---------------------------|---------------------|
| (a) Ligament<br>Ård/fyxke | (b) Tendon<br>Vs Mu |
| (c) Elastin<br>bykLVhu    | (d) Actin<br>, DVhu |

Q35. Rh-factor was first discovered in

vkj , p QDVj i Fke ckj fdl ij [kkstk x; k Fkk-----

- |                          |                         |
|--------------------------|-------------------------|
| (a) human male<br>i # "k | (b) human female<br>L=h |
| (c) dog<br>'oku          | (d) monkey<br>cnj       |

Q 36. Fever causing substance is called

cd[kkj Qsykus okys rRo dks D; k dgrs gā

- |                             |                            |
|-----------------------------|----------------------------|
| (a) pathogen<br>i Fkkstu    | (b) pyrogen<br>i k; j kstu |
| (c) interrefon<br>b. Vj Qku | (d) antigen<br>, . Vhtu    |

Q37. Insects that can transmit diseases to human are referred to as

dhvk. kq tks chekfj ; ka dks ekuo 'kj hj ea Qsykrs gā

- |                          |                               |
|--------------------------|-------------------------------|
| (a) carriers<br>dsh; l l | (b) reservoirs<br>fj tok; l l |
| (c) vectors<br>oDVI l    | (d) incubators<br>buD; wsvl l |

Q38. Which of the following parts of blood carry out the function of body defence?

jDr dk dks l k "kx 'kj hj dks chekfj ; ka l s cprk gā

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| (a) Red blood cells<br>yky jDr d.k | (b) white blood cells<br>'or jDr d.k |
| (c) Platelets<br>ly/yvl            | (d) Haemoglobins<br>ghkkykfou        |

Q39. Which of the following is biodegradable?

buea l s dksu l k ck; kfmxfmcy gA

- |                             |                   |
|-----------------------------|-------------------|
| (a) Paper<br>dkxt           | (b) DDT<br>MhMhVh |
| (c) Polythene<br>i ksyhfFku | (d) Rubber<br>jcj |

Q40. Green house effect means

xtugkml i ðko l s vki D; k l eðkrs gA

- (a) pollution in house in tropical region  
Vkf i dy jhtu ds bykds ea i nllk.k
- (b) trapping of solar energy due to atmospheric carbon dioxide  
okroj .k dh dkcLu MkbvkDI kbM ds }kj k l k\$ l Å tkz dks dflnr dj yuk
- (c) prevention from ultra violet radiations by the ozone  
vYV'k ok; yV jfM, 'ku dh fdj .kka dks vkstku }kj k jkd yuk
- (d) None of the above  
buea l s dkbz ugha

Q41. Which among the following are the most important raw materials for manufacturing of soap?

buea l s dksu l k dPpk i nkFkz l kcu cukus ds dke vkrk gA

- |  |   |
|--|---|
| (a) Fats and caustic alkali<br>pjch vk\$ dkfLVd vYdkyh | (b) Fats and potash<br>pjch vk\$ i k\$ / k'k                |
| (c) Fats and acid<br>pjch vk\$ , fl M                  | (d) Vegetable oil and potash<br>ouLifr rsy vk\$ i k\$ / k'k |

Q42. The Indus Valley Civilization flourished during

b.Ml o\$yh dh l H; rk fdl dky ea mn; gpl

- |  |  |
|--|--|
| (a) 5000 BC-3500 BC<br>5000 bll k i wZ- <b>3500</b> bll k i wZ | (b) 3000 BC-1500 BC<br>3000 bll k i wZ- <b>1500</b> bll k i wZ |
| (c) 2500 BC-1750 BC<br>2500 bll k i wZ- <b>1750</b> bll k i wZ | (d) 1500 BC-500 BC<br>1500 bll k i wZ- <b>500</b> bll k i wZ   |

Q43 The script of the Indus Valley Civilization was/is

b.Ml o\$yh dh l H; rk dh Òk"kk Fkh /gS

- |                         |                             |
|-------------------------|-----------------------------|
| (a) Persian<br>i fl z u | (b) Dravidian<br>nfof.k; u  |
| (c) Sanskrit<br>l dfr   | (d) Undeciphered<br>vi Buh; |

Q44. Saka era was founded by  
'kkdk dky dh LFkki uk fdI us dh

- |                        |                               |
|------------------------|-------------------------------|
| (a) Ashoka<br>v'kkd    | (b) Harsha<br>g"kl            |
| (c) Kanishka<br>dfu"dk | (d) Vikramaditya<br>fodækfnR; |

Q45. The first Muslim invasion of India was led by  
Òkj r ij i gyk eflYe vkdæ.k fdI us fd; k Fkk

- |  |                                    |
|--|------------------------------------|
| (a) Mahmud Gazi<br>egein xkth              | (b) Muhammad Ghori<br>ekgEen xkj h |
| (c) Muhammd-bin-Qasim<br>ekgEen fcu dkfl e | (d) Timur<br>rfeij                 |

Q46. The structure of Qutub Minar was completed by  
drrpehukj dk fuekZk fdI us ijk fd; k

- |                            |   |
|----------------------------|---|
| (a) Aram Shah<br>vkjke'kkj | (b) Qutubuddin Aibak<br>drrpehu , cd        |
| (c) Iltutmish<br>bYrrfe'k  | (d) Muhammad-bin-Tughlaq<br>ekgEen fcu rkyd |

Q47. Which of the following founded the famous Hindu College in Calcutta?  
dydRrk ds fglñw dkyst dh LFkki uk fdI us dh

- |   |   |
|---|---|
| (a) Ishwar Chandra Vidyasagar<br>bz oj plnz fon; kl kxj | (b) Henry Vivian Derozio<br>gujh fofo; u Mj kft vks |
| (c) David Hare<br>MfoM gsvj                             | (d) Raja Rammohan Roy<br>jktk jkeekgu jk;           |

Q48. Which of following were the first Europeans to set up trading settlements in India?  
buea l s fdI ; jkfi ; u ns'k us Òkj r ea i gyk Okkf.kfT; d dñnz cuk; k

- |                         |                        |
|-------------------------|------------------------|
| (a) French<br>Qp        | (b) Spanish<br>Li fu'k |
| (c) Portuguese<br>i rkt | (d) Dutch<br>Mp        |



Q 49. Delhi become the capital of India in  
fnYyh Òkjr dh jkt/kkuh dc cuh

- |          |          |
|----------|----------|
| (a) 1910 | (b) 1911 |
| (c) 1916 | (d) 1923 |

Q50. Who among the following pioneered khilafat Movement?  
buea l sfdl us f[kykQr vkUnkyu dh i gy dh

- |   |                                 |
|---|---------------------------------|
| (a) Sir Syed Ahamed Khan<br>Lj l \$ n vgen [kku | (b) MA Jinnah<br>, e , ftUuk    |
| (c) Mahatma Gandhi<br>egkRek xka/kh             | (d) Ali Brothers<br>vyh Òkb; ka |

Q51. Which of the following was the first woman President of Indian National Congress?  
buea l s dku l h efgyk Òkjr h; jk"Vh; dka d dh i gyh v/; {kk cuh

- |   |   |
|---|---|
| (a) Sarojini Naidu<br>l jkstuh uk; Mw   | (b) Annie Besant<br>, uh cd s V               |
| (c) Sucheta kripalani<br>l prk d'i ykuh | (d) Raj Kumari Amrit Kaur<br>jkt dekh ver dkj |

Q52. What is suffrage?  
l Qkjst l s D; k l e>rs gā

- |   |  |
|---|--|
| (a) Right to vote<br>erknku dk vf/kdkj                                    | (b) Departure to another country<br>fons'k dks i yk; u |
| (c) Right to believe in any religion<br>fdl h Òh /keZ dks ekuus dh vktknh | (d) Right to freedom to marry<br>fookg dh vktknh       |

Q53. During the French Revolution in 1789, France was ruled over by which of the following  
Dynasty ?

1789 ea Qkd dh dkfr ds nkjku fdl oá k dk jkT; Fkk

- |                           |                              |
|---------------------------|------------------------------|
| (a) Tudor dynasty<br>VMj  | (b) Bourbon dynasty<br>ckcku |
| (c) Mughal dynasty<br>eKy | (d) Czar dynasty<br>tkj      |

Q54. Which of the following languages is not an official language of UNO?

buea l s dksu l h Òk"kk l a Òr jk"Vª l æk dh dk; ßkfgd Òk"kk ugha gS

- |                     |                      |
|---------------------|----------------------|
| (a) Arabian<br>vjch | (b) Russian<br>: l h |
| (c) Chinese<br>phuh | (d) German<br>teu    |

Q55. Which of the following States is the leading producer of tobacco?

buea l s dksu l k jkT; rEckdw dk l cl s cMk mRi knd jkT; gS

- |                                    |                       |
|------------------------------------|-----------------------|
| (a) Andhra Pradesh<br>vkl/k i ns'k | (b) Bihar<br>fcgkj    |
| (c) Tamil Nadu<br>rfeyukMq         | (d) Gujarat<br>xqtjkr |

Q56. Which one of the following are not kharif crops?

buea l s dksu l h , d [kj hQ Ql y ugha gS

- |                                       |   |
|---------------------------------------|---|
| (a) Bajra and maize<br>cktjk vkj eDdk | (b) Sugarcane and groundnut<br>xluk vkj ewQyh |
| (c) Rice and jowar<br>Pkkoy vkj Tokj  | (d) Bajra and mustard<br>cktjk vkj l j l ka   |

Q57. The Tehri dam has been constructed on the river

Vgjh cka'k fdl unh ij cuk; k x; k gS

- |                     |                             |
|---------------------|-----------------------------|
| (a) Ganga<br>xak    | (b) Brahmaputra<br>cgei ¶   |
| (c) Yamuna<br>; euk | (d) Bhagirathi<br>Òkxhj Fkh |

Q58. The constitution of India was enacted by Constituent Assembly set up

Òkjr dk l fo/kku fdl l Òk ds }kjk i Òkoh fd; k x; k

- |   |
|---|
| (a) under the Cabinet Mission Plan , 1946<br>1946 ds d'fcu'v fe'ku lyku ds vllrxr |
| (b) promulgation of the Rowlatt Act, 1919<br>1919 ds jky'v , DV ds vllrxr         |
| (c) the Indian Council Act, 1892<br>1892 ds Òkj rh; dkmfll y , DV ds vllrxr       |
| (d) Indian Independence Act, 1947<br>1947 ds Òkj rh; Lorærk , DV ds vllrxr        |

Q59. How many members of the Rajya Sabha are nominated by the President?  
 jk"V% fr jkT; I Õk ds fdrus I nL; ka dks euksuhr djrk gS

- |        |        |
|--------|--------|
| (a) 10 | (b) 12 |
| (c) 13 | (d) 14 |

Q60. Devaluation means  
 e%k LQhfr dk vFkZ gS-

- (a) to reduce the value of home currency in other currency  
 Äj syw dj\$ll h dh dher dk nll jh dj\$ll h dh rgyuk es de gkuk
- (b) to appreciate the value of home currency  
 Äj syw dj\$ll h dh dher es c<Rrjh gkuk
- (c) to issue new currency in place of old currency  
 i gkuh dj\$ll h dh txg ubZ dj\$ll h tkjh djuk
- (d) None of the above  
 mi ; Dr es dksZ ugha