



## NDA GAT MODAL TEST

Time 150 min.

M.M.: 600

**INSTRUCTION:** Read questions carefully. For each answer, one-third (1.33) of the marks assigned to that question contains (4) marks प्रश्नों को ध्यानपूर्वक पढ़िए। प्रत्येक गलत उत्तर के लिए, दिए गए अंकों में से एक- $\frac{1}{3}$  (1.33) का अंक घटाया जाएगा। प्रत्येक प्रश्न (4) अंकों का है।

### **SPOTTING ERRORS**

**Directions :** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- (a) Opening his letters,  
(b) reading them carefully and sending for clerk,  
(c) he dictated answers with them.  
(d) No error.
- (a) He was my school-friend,  
(b) but becoming a great man,  
(c) he has grown proud enough to forget his old friends.  
(d) No error.
- (a) Rabindranath Tagore,  
(b) a Nobel laureate and the author of the national anthem,  
(c) found Shantiniketan.  
(d) No error.
- (a) The art of printing was introduced into England  
(b) during the reign of Edward IV  
(c) by William Caxton, a native of Kent.  
(d) No error.
- (a) From thirty years  
(b) he devoted himself to public affairs  
(c) without taking a holiday.  
(d) No error.
- (a) If Ramesh will be promoted  
(b) he will get  
(c) a higher salary.  
(d) No error.

- (a) My brother goes  
(b) to the office  
(c) five day week.  
(d) No error
- (a) If you lend Mohan a pen  
(b) he will lend it to someone else  
(c) and never you will get it back.  
(d) No error.
- (a) One of most widely spread  
(b) bad habits  
(c) is the use of tobacco.  
(d) No error.
- (a) A great part  
(b) of Arabia  
(c) is desert.  
(d) No error.

### **SYNONYMS**

**Directions :** Each item in this section consists of a sentence with an underlined word followed by four words or group of words. Select the option that is **nearest in meaning** to the underlined word/words and mark your response in your Answer Sheet accordingly.

- Some people complain when they encounter a small misfortune in the course of their thoroughly happy life.  
(a) run into  
(b) run away  
(c) run down  
(d) run with
- This world is full of miseries.  
(a) indifferent love  
(b) perfect happiness  
(c) great suffering  
(d) moderate sympathies
- A glance at a beautiful object gives us delight.  
(a) wisdom  
(b) happiness  
(c) purity  
(d) peace

14. It is terrible for people to die of starvation.  
 (a) starch (b) staple  
 (c) plenty (d) hunger
15. The university has constituted a grievance redressal committee to look into the matter.  
 (a) depression (b) complaint  
 (c) abrasion (d) gratefulness
16. Rakesh delivered a slandorous speech.  
 (a) abusive (b) praiseworthy  
 (c) moderate (d) inspiring
17. Suddenly, the sky was darkened by a gigantic bird.  
 (a) winged (b) small  
 (c) tiny (d) enormous
18. To abolish poverty would be to destroy the soil upon which mankind produces the virtues conducive to higher civili-zation  
 (a) detest (b) eradicate  
 (c) nurture (d) assimilate
19. The Arabs who are not in the cities live in the desert throughout the year, shifting from one oasis to another.  
 (a) sandbank (b) mound  
 (c) dune (d) spring
20. The various facets of life can be found reflected in a large city.  
 (a) several (b) similar  
 (c) valuable (d) singular

### ANTONYMS

**Directions :** Each item in this section consists of a sentence with an underlined word followed by four words. Select the option that is **opposite in meaning** to the underlined word/words and mark your response in your Answer Sheet accordingly.

21. Ramesh is a very dubious character.  
 (a) shady (b) suspicious  
 (c) trustworthy (d) doubtful
22. Do not indulge in unmindful activities, please.  
 (a) vigilant (b) careless  
 (c) stupid (d) fatuous
23. He is suffering from a curable disease.  
 (a) remediable (b) treatable  
 (c) terminal (d) operable
24. He was born on a very auspicious day.  
 (a) propitious (b) fortunate  
 (c) ominous (d) opportune

25. He has deeper hostility towards Mohan.  
 (a) animosity (b) belligerence  
 (c) malice (d) friendship
26. His life is rather monotonous.  
 (a) exciting (b) dreary  
 (c) tedious (d) uneventful
27. Macbeth is a morally repulsive character.  
 (a) abominable (b) attractive  
 (c) obnoxious (d) ugly
28. The serene beauty of Kashmir had a soothing effect on his mind.  
 (a) placid (b) pleasing  
 (c) tranquil (d) turbulent
29. Life is transient in nature.  
 (a) brief (b) momentary  
 (c) eternal (d) short-lived
30. Sohan is a vain person.  
 (a) modest (b) arrogant  
 (c) conceited (d) proud

### IDIOMS AND PHRASES

**Directions:** Given below are some idioms/phrases followed by four alternative meanings to each. Choose the response (a), (b), (c) or (d) which is the most appropriate expression.

31. A dark horse  
 (a) a black coloured horse  
 (b) a person who wins a race or competition although no one expected him to  
 (c) a person who keeps secrets  
 (d) an ignorant person
32. A show-stopper  
 (a) someone who stops the show  
 (b) someone who organizes the show  
 (c) a performance that is extremely good  
 (d) a fashionable person
33. A jack of all trades  
 (a) someone who has many skills  
 (b) a confident and not very serious young man  
 (c) someone who has hit the jackpot  
 (d) a great businessman
34. Fight tooth and nail  
 (a) to quarrel with someone  
 (b) to attack someone with a lot of force  
 (c) to try hard to prevent something from happening  
 (d) to try very hard to achieve something

35. Fair and square

- (a) in an honest way
- (b) in a critical way
- (c) neither very good nor very bad
- (d) in a foolish way

**ORDERING OF SENTENCES**

**Directions :** In this section each item consists of six sentences of a passage. The first and sixth sentences are given in the beginning as S1 and S6. The middle four sentences in each have been jumbled up and labelled P, Q, R and S. You are required to find the proper sequence of the four sentences and mark your response accordingly on the Answer Sheet.

36. S1 : We do not know what to do with our knowledge.

S6 : In the course of time they may rule over us altogether.

P : For example, we are unable to manage our machines.

Q : We already find it difficult to do without machines.

R : Machines should be fed properly and waited upon attentively; otherwise they refuse to work or cause destruction.

S : Science has given us superhuman powers, which we do not use properly.

The proper sequence should be

- (a) S P R Q
- (b) P S Q R
- (c) Q R P S
- (d) S R P Q

37. S1 : The British rule in India has brought about moral, material, cultural and spiritual ruination of this great country.

S6 : We are not to kill anybody but it is our dharma to see that the curse of this Government is blotted out.

P : I regard this rule as a curse.

Q : sedition has become my religion.

R : Ours is a non-violent battle.

S : I am out to destroy this system of Government.

The proper sequence should be

- (a) S P R Q
- (b) P S Q R
- (c) Q R P S
- (d) S R P Q

**ORDERING OF WORDS IN A SENTENCE**

**Directions :** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to rearrange the jumbled parts of the sentence and mark your response accordingly.

38. the urban local body elections (P)  
unidentified gunmen (Q)  
and injured another during (R)  
shot dead two workers (S)

- (a) Q S R P
- (b) P Q S R
- (c) S P R Q
- (d) R P S Q

39. both intense political and (P)  
this state has a history of (Q)  
of syncretic accomplishments (R)  
religious contestation and (S)

- (a) S Q P R
- (b) P Q S R
- (c) S Q R P
- (d) Q P S R

40. the father also (P)  
in his quest for justice (Q)  
by the system (R)  
feels let down (S)

- (a) S Q P R
- (b) P S R Q
- (c) S Q R P
- (d) P Q R S

**COMPREHENSION**

**Directions :** In this section you have a passage. After the passage, you will find some items based on the passage. First, read the passage and answer the items based on it. You are required to select your answers based on the contents of the passage and opinion of the author only.

**Passage**

I do not wish to suggest that because we were one nation we had no differences, but it is submitted that our leading men travelled throughout India either on foot or in bullock carts. They learned one another's languages and there was no aloofness amongst them. What do you think could have been the intention of those farseeing ancestors of ours who established Setubandha (Rameshwar) in the South, Jagannath in the East and Hardwar in the North as places of pilgrimage? You will admit they were no fools. They knew that workship of God could have been performed just as well at home. They taught us

that those whose hearts were aglow with righteousness had the Ganges in their own homes. But they saw that India was one undivided land so made by nature. They, therefore, argued that it must be one nation. Arguing thus, they established holy places in various parts of India, and fired the people with an idea of nationality in a manner unknown in other parts of the world. And we Indians are one as no two Englishmen are. Only you and I and others who consider ourselves civilized and superior persons imagine that we are many nations. It was after the advent of railways that we began to believe in distinctions, and you are at liberty now to say that it is through the railways that we are beginning to abolish those distinctions. An opium-eater may argue the advantage of opium-eating from the fact that he began to understand the evil of the opium habit after having eaten it. I would ask you to consider well what I had said on the railways.

41. According to the author, India
- has never been one nation
  - has been an aggregate of several nations
  - has always been one nation along with differences
  - became a nation after the British came
42. Why did the great sages of India establish pilgrimages in the different corners of the country?
- Because they wanted to push people to travel to different places
  - Because they could observe the underlying unity of the country as made by nature
  - Because they themselves had travelled to these places
  - Because they wanted people to be religious everywhere
43. In the passage, the author's attitude towards the railways is
- critical
  - sympathetic
  - indifferent
  - apathetic
44. What does the author mean when he says that "whose hearts were aglow with righteousness had the Ganges in their own homes"?
- One need not visit the Ganges to take holy bath
  - The Ganges has been polluted, so one should bath at home
  - One should take a holy dip in the Ganges to purify

one's heart

(d) The purity of heart is superior to observance of any ritual

45. The paragraph is written in a
- dialogic style
  - prescriptive style
  - descriptive style
  - analytical style

### FILL IN THE BLANK

**Directions :** Each of the following sentences in this section has a blank space and four words or group of words given after the sentence. Select the word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

46. \_\_\_\_\_ forests prevent erosion.
- Lean
  - Dense
  - Sparse
  - Tidy
47. Three people were arrested and an illegal arms unit was \_\_\_\_\_ by the police in a raid.
- revealed
  - searched
  - discovered
  - busted
48. A woman got into the car and \_\_\_\_\_.
- drove off
  - broke down
  - rode in
  - drove in
49. The lecture was not very interesting. In fact I \_\_\_\_\_ in the middle of it.
- showed off
  - put off
  - dozed off
  - plugged off
50. The cops \_\_\_\_\_ murder by kin.
- suspect
  - afford
  - manage
  - administer
51. A brass ball is tied to a thin wire and swung so as to move uniformly in a horizontal circle. Which of the following statements in this regard is / are true?
- The ball moves with constant velocity.
  - The ball moves with constant speed.
  - The ball moves with constant acceleration.
  - The magnitude of the acceleration of the ball is constant.
- Select the correct answer using the code given below:

- (a) 1 only/doy 1  
 (b) 1 and 3/1 vkj 3  
 (c) 1, 2 and 4/1] 2 vkj 4  
 (d) 2 and 4 only/doy 2 vkj 4

52. Two long wires each carrying a d. c. current in the same direction are placed close to each other. Which one of the following statement is correct?/दो लम्बे तार जिनमें प्रत्येक में दिष्ट धारा (d.c.) समान दिशा में प्रवाहित हो रही है, एक-दूसरे के निकट रखे

- (a) The wires will attract each other/rkj , d & nil js ko Akrshlt krng  
 (b) The wires will repel each other/rkj , d&nil js dks prtkrshlt krng  
 (c) There will be no force between the wires/rkj ka ds chip dkbz cy ugha gxxk  
 (d) There will be a force between the wires only at the moment when the current is switched ON or OFF//kkj k ds pky m 1/2 vkj 1/2 ; k cm 1/2 vkj 1/2 dj us ds {k. k i j gh rkj ka ds chip cy yxxk

53. The first Indian Satellite, Aryabhata, was launched in the year :/qFke Hkkj rh; mi xg] vk; HkV] किस वर्ष में qekfpr fd; k x; k Fkk?

- (a) 1972 (b) 1975  
 (c) 1976 (d) 1979

54. Which one of the following sea routes is the shortest from point to point?/fuEufyf [kr l epth ekxka ea l s fd] , d ekxZ dh LFky&LFky 1/2 lokbM Vq lokbM/2 njh y?krre g?

- (a) Kolkata to Yangoon/dksydrk l s ; kaxiu  
 (b) Kolkata to Chennai/dksydrk l s plus  
 (c) Chennai to Port Blair/plus l s i kvZ Cys j  
 (d) Mumbai to Colombo/efcbz l s dksyEcks

55. Which one of the following is not a Green House Gas?/fuEufyf [kr ea l s dku l h , d] xhugkm l x l ugh g?

- (a) Water vapors/जल वाष्प  
 (b) Methane/efku  
 (c) Ozone/vkstku  
 (d) Carbon Monoxide/dkcu ekukDI kbM

56. Muscle fatigue is due to the accumulation of :/पेशीय श्रान्ति निम्नलिखित में से किसके संचयन के कारण gkrh g?

- (a) Cholesterol/dksyLVj kly  
 (b) Lactic acid/yfDVd vEy  
 (c) Lipoic acid/fyi kbd vEy  
 (d) Triglycerides/vkbfxyl j kbM

57. The absolute zero, i.e., temperature below which is not achievable, is about :/परम शून्य, अर्थात् जिसके uhrs rki qktr ugha fd; k tk l drk] yxHkx fdruk gkrk g?

- (a) 0 °C  
 (b) -273 K

- (c) -273 °C  
 (d) -300 °C

58. Lightning conductors are used to protect building from lightning strikes. Which of the following statements is / are true about lightning conductors?/rfmfr vk/krka l s Hkouka dks cpkus ds fy; s rfmfr pkydka dk mi; kx fd; k tkrk gA rfmfr pkydka ds l xk/ka ea fuEufyf [kr dFkuka ea l s dku l k/l s l R; g?g?

1. Lightning conductors create an electric field at its top so that lightning strikes it preferentially/तड़ित चालक अपने शीर्ष पर एक विद्युत् {ks= cukrs gS ft l l s fd rfmfr vf/kekU; : l l s bl ij gh vk?kr djs

2. Lightning conductors reduce the effect of the strike by uniformly distributing the charge (current) over the surface of the building/rfmfr चालक, भवन की सतह पर आवेश (धारा) को एकसमान वितर् dj vk?kr ds qHkko dks de dj nrs gA

3. Lightning conductors take all charge (current) to deep down in the earth/तड़ित चालक सारे आवेश 1/2 vkj 1/2 dks Hkfe ds dkOh vanj ys tkr gA

4. Lightning conductors must be installed at a place taller than the building/rfmfr pkydka dks Hkou l s fd l h Åps LFkku ij gh LFkfi r fd; k tkuk pkfg,

Select the correct answer using the code given below :/uhps fn; s x; s dM dk q; kx dj l gh mUkj pflu; s %

- (a) 1 and 2/1 vkj 2  
 (b) 3 and 4 only/doy 3 vkj 4  
 (c) 1, 3 and 4/1] 3 vkj 4  
 (d) 4 only/doy 4

59. Match List I with II and select the correct answer using the code given below the Lists :/l iph I dks l iph II l s l epyr dhft; s vkj l rfp; ka ds uhps fn; s x; s dM dk q; kx dj l gh mUkj pflu; s %

List I/l iph I List II/l iph II  
 (Manufacturing site)/ (Industry)/

- |                           |                                 |
|---------------------------|---------------------------------|
| 1/2 ofuekZ k & LFky 1/2   | 1m   kx 1/2                     |
| (a) Ludhiana/ yf/k; kuk   | 1. Auto parts/ eksVj okgu ij ts |
| (b) Kanpur/ dkui j        | 2. Woolen garments/ Åuh oL=     |
| (c) Varanasi/ okj k. kl h | 3. Leather/ peMk                |
| (d) Vijayawada/ fot; okMk | 4. Handloom/ gFkdj ?kk          |

Code :/dM %

- |       |   |   |   |
|-------|---|---|---|
| A     | B | C | D |
| (a) 1 | 4 | 3 | 2 |
| (b) 2 | 3 | 4 | 1 |
| (c) 2 | 4 | 3 | 1 |
| (d) 1 | 3 | 4 | 2 |

60. Which one of the following is not a sea port? /fuEufyf [kr ea l s dku l k , d l epth i ru ugha g?

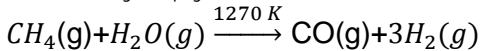
- (a) Paradeep/i kj knhi

(b) Haldia/gfYn; k

(c) Diamond Harbour/Mk; eM gkcj

(d) Dhamra/kejk

61. Consider the following reaction :/fuEufyf[kr vfhkfØ; k ij fopkj dhft; s %



In the reaction given above, the mixture of CO and  $H_2$  is :/mi ; Ør vfhkfØ; k eq CO vkj  $H_2$  dk feJ.k D; k g?

(a) natural gas/çkçfrd xj

(b) water gas/Hkki & vaxkj xj %okVj xj %

(c) producer gas/ok; q vaxkj xj %çkM; j xj %

(d) industrial gas/vksj kfxd xj

62. Living things are grouped into subgroups like plant kingdom / animal kingdom. Which one of the following is not correct for animal kingdom?/I tho oLrqvka dks ouLifr txr/tUrq txr tS s mi oxkI ea l efgR fd; k x; k gA fuEufyf[kr ea l s dksul k , d] tUrq txr ds fy, I gh ugha g?

(a) Cannot make their own food/os vi uk Hkktu ugha cuk l drs

(b) Body contains cellulose/शरीर में सैलुलोज होता है

(c) Do not have chlorophyll/buea Dykj kfQt gkrk gS

(d) Migrate from one place to another/, d LFkku l s nil js LFkku ij vfhkxue djs gS

63. The silvering in thermos is done to avoid heat transfer by :/FkeI jykLdka ea fdl ds }kj k gkus वाले ऊष्मा LFkkurj.k dks de djus ds fy, jtru %l Yofjx% fd; k tkrk g?

(a) Convection/l øgu

(b) Conduction/pkyu

(c) Radiation/fofdj.k

(d) both convection and conduction/l øgu vkj pkyu nkuka

64. The Manas National Park is situated in the State of :/मानस राष्ट्रीय उद्यान (नेशन्य ikd% fdl jkT; ea vofLFkr g?

(a) Madhya Pradesh/मध्यप्रदेश

(b) Jharkhand/>kj [kM

(c) Assam/vl e

(d) West Bengal/पश्चिम बंगाल

65. Addition of gypsum to cement :/I hetV ea ftII e dk l a kstu %

(a) reduces setting time of cement/I hetV ds vkri<u l e; dks de djrk gS

(b) produces very light colour cement/vR; f/kd gYds jax dk l hetV cukrk gS

(c) increase setting time of cement/I hetV dk vkV<u l e; c<krk gS

(d) shining surface is formed/pedthi l rg cukrk gS

66. In case of a compound microscope which of the following statements is / are correct?/fdl h l a Ør

सूक्ष्मदर्शी के लिए, निम्नलिखित कथनों में कौनसा/ l s l gh g/g?

1. The focal length of the eye piece is larger than the focal length of the objective/uf=dk dh फोकस दूरी, अभिदृश्यक की फोकस दूरी से अधिक होती है

2. The focal length of the eye piece is smaller than the focal length of the objective/ uf=dk dh फोकस दूरी, अभिदृश्यक की फोकस दूरी से कम होती है

3. The image produced in a normal optical microscope is real/किसी सामान्य प्रकाशिक सूक्ष्मदर्शी में cuk çrfcEc okLrfod gkrk gS

4. The image produced in a normal optical microscope is virtual/किसी सामान्य प्रकाशिक सूक्ष्मदर्शी में cuk çrfcEc vHkkl h gkrk gS

Select the correct answer using the code given below :/uhps fn; s x; s dM dk ç; ks dj I gh mUkj pofu; s %

(a) 1 only/doy 1

(b) 1 and 4/1 vkj 4

(c) 2 and 3/2 vkj 3

(d) 2 and 4/2 vkj 4

67. Which one of the following statements is not correct?/fuEufyf[kr dFkuka ea l s dksul k , d] I gh ugha g?

(a) The radius of curvature of a concave mirror is twice its focal length/fdl h vory y% dh oØrk f=T; k bl dh QkdI ni h dh nkxpuh gkrh gS

(b) Power of a convex lens is negative and that of a concave lens is positive/fdl h mUky y% dh {kerk +.kkRed gkrh gS tcfD vory y% dh {kerk /kUkkRed gkrh gS

(c) The radius of curvature of a plane mirror is infinity/l ery ni k dh oØrk f=T; k vuLr gkrh gS

(d) When a ray of light passes from an optically denser medium to an optically rarer medium, the angle of refraction is greater than the corresponding angle of incidence/जब कोई प्रकाश की fdj.k ek; e ea tkrh gS rks ek/यम से प्रकाशतः विरल माध्यम ea tkrh gS rks vi oru & dks k l xR vki ru & dks k l s cMk gkrk gS

68. Identify the place that is not an oil field :/ml LFkku dh i gpkU dhft; s tks , d rsy {ks= ugha gS %

(a) Naharkatiya/ugj dfV; k

(b) Kalol/dyky

(c) Ledo/yMks

(d) Ankleshwar/अंकलेश्वर

69. Ammonia ( $NH_3$ ) obtained from different sources always has same proportion of Nitrogen and Hydrogen. It proves the validity of law of :/fofhku L=kRka l s çkr vekfu; k ( $NH_3$ ) ea ukbVktu vkj gkbMktu dk vuq kr l nb l eku jgrk gA bl l s fdl fu; e dh oYkrk fl } gkrh g?

(a) Reciprocal proportion/Øe vuq kr

(b) Constant proportion/fLFkj vuq kr

- (c) Multiple proportion/खफ. kr vuj kr  
(d) None of the above/मी ; डर ea dkbz ugha

70. Which one of the following statements is not correct?fuEufyf[kr dFkuka ea l s dku l k , d] l gh ugha g?

- (a) If the velocity and acceleration have opposite sign, the object is slowing down;/fn ox vkj Roj .k ds fpgu foi jhr gñ rks oLrq eflnr gks jgh g  
(b) If the velocity is zero at an instant, the acceleration should also be zero at that instant/यदि किसी क्षण पर वेग शून्य है, तो उस क्षण पर त्वरण भी शून्य होगा  
(c) If the velocity is zero for a time interval; the acceleration is zero at any instant within the time interval/यदि किसी समयांतराल के लिए वेग शून्य है, तो उस l e; krjky e किसी भी क्षण पर त्वरण भी शून्य होगा  
(d) If the position and velocity have opposite sign, the object is moving towards the origin;/fn vofLFkr vkj ox ds fpgu foi jhr gñ rks oLrq emy fdlhq dh vkj tk jgh g

71. The IST meridian  $82\frac{1}{2}^{\circ}$  E passes through a number of States in India. Which one of the following sets of States is correct in this respect?/IST ; kE; kUkj  $82\frac{1}{2}^{\circ}$  E Hkkj r ds dbz jkT; ka l s gkdj xjtjrh gA bl l ca/k ea jkT; ka ds fuEufyf[kr l epp; ka ea l s dku l k , d] l gh g?

- (a) Uttarakhand, Uttar Pradesh, Chhatisgarh and Andhra Pradesh/उत्तराखण्ड, उत्तरप्रदेश, छत्तीसगढ़ और आंध्रप्रदेश  
(b) Uttar Pradesh, Jharkhand, Chhatisgarh, and Odisha/उत्तरप्रदेश, झारखण्ड, छत्तीसगढ़ और ओडिशा  
(c) Uttarakhand, Uttar Pradesh, Madhya Pradesh, and Chhatisgarh/उत्तराखण्ड, उत्तरप्रदेश, e/यप्रदेश और छत्तीसगढ़  
(d) Uttar Pradesh, odisha, Andhra Pradesh and Chhatisgarh/उत्तरप्रदेश, ओडिशा, आंध्रप्रदेश और छत्तीसगढ़

72. Boric acid is an acid because its molecule:/ckfj d , fl M vEy gñ D; kf d %

- (a) accepts  $\text{OH}^-$  from water releasing proton/ bl dk v. kq ty fueDr djus oks çks/KLU l s  $\text{OH}^-$  yrk g  
(b) combines with proton from water molecule/ bl dk v. kq ty v. kq ds çks/KLU ds l kFk l a Dr gks tkrk g  
(c) contains replaceable  $\text{H}^+$  ion/bl ds v. kq ea çrLFkki uh;  $\text{H}^+$  vk; u gsrk g  
(d) gives up a proton/bl dk v. kq , d çks/KLU NkM+nsrk g

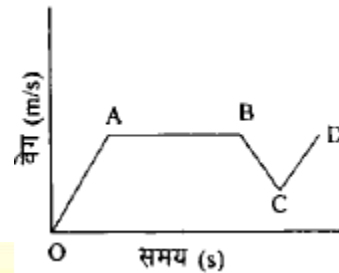
73. Who among the following discovered the antibiotic producing fungus from Penicillium genus?fuEufyf[kr ea l s fdl us ifufi fy; e thul l s , fVck; kfVd mRi kn d dod %Qx l % dh [kkt dh?

- (a) Louis Pasteur/लुई पाश्चर  
(b) Sir Alexander Fleming/l j vyDtMj yfex  
(c) Stanley Prusiner/LVlyh çftuj  
(d) Robert Hooke/jkcVl gpl

74. Three equal resistances when combined in series are equivalent to 90 ohm. Their equivalent resistance when combined in parallel will be :/rhu l eku çrjky/ka dks Js khØe ea l a kfr djus ij rñ; çrjky 90 ohm gA mlga l ekrj Øe ea l a kfr djus ij mudk rñ; çrjky D; k gksk?

- (a) 10 ohm (b) 30 ohm  
(c) 270 ohm (d) 810 ohm

75. The following figure represents the velocity-time graph of a moving car on a road:/fuEufyf[kr fp= fdl h l Md ij xfreku , d dr का वेग-समय ग्राफ दर्शाता g %



Which segment of the graph represents the retardation?/ग्राफ का कौनसा खंड मंदन को प्रदर्शित करता g?

- (a) AB (b) BC  
(c) CD (d) None/dkbz ugha

76. Which one among the following places is not an iron-ore mining area?/fuEufyf[kr LFkkuka ea dku l k , d] ykg&v; Ld

- (a) Badampahar/cknkei gkM+  
(b) Zawar/tkoj  
(c) Bailadila/cykyfMyk  
(d) Anantpur/vullri j

77. Match List I with List II and select the correct answer using the code given below the Lists:/l iph l dks l iph II l s l epyr dhft; s vkj l ip; ka ds uhps fn; s x; s dh/ dk ç; kx dj l gh mUkj pfu; s %

List I/ l iph I	List II/ l iph II
(Forest conservation Type)/You l j {k.k çdkj %	(Place) %nq/kokk
(A) National Park/ नेशनल पार्क	1.Dudhwa/ nqkok
(B) Sanctuary/ vHk; kj .;	2.Bhitarkanika/ fhkrkj df. kdk
(C) Biosphere Reserve/ thoeMy fup; %ck; kFLQvj fj toz	3.Chilka/ fpYdk
(D) Tiger Reserve/ Ck?k fup;	4.Nokrek/ ukldjcd

Code:/dh %

- | A     | B | C | D |
|-------|---|---|---|
| (a) 2 | 3 | 4 | 1 |
| (b) 1 | 4 | 3 | 2 |
| (c) 2 | 4 | 3 | 1 |

(d) 1 3 4 2  
78. The main constituent of Vinegar is: /fl j dk dk eq[:  
?kVd D; k g?]

- (a) Acetic acid/ , s hfVd vEy  
(b) Ascorbic acid/ , d k k c d vEy  
(c) Citric acid/ fl fv' d vEy  
(d) Tartaric acid/ v k v f j d vEy

79. White Phosphorus glows in the dark due to: /श्वेत  
O k L O k j , v k j s e a f d l d k j . k l s n h l r g k r k g s ?

- (a) amorphous character/ v f Ø L V y h ; v f h k y { k . k  
(b) slow oxidation/ e l n v k d l h d j . k  
(c) high ignition temperature/ m P p T o y u & r k i  
(d) good conducting property of electricity/ f o | r d k  
m l k e l p k y d x q k

80. Which one of the following is not an example of  
eukaryotic organism? / fuEufyf [kr e a l s d k l u l k , d ]  
; d f j v k v d t h o d k m n k j . k u g h a g s ?

- (a) Yeast/ [k e h j % ; h L V %  
(b) Bacteria/ t h o k . k  
(c) Plant/ i k n i  
(d) Human being/ e k u o

81. Which one of the following statements is **not**  
correct? / fuEufyf [kr d f k u k e a l s d k l u l k , d ] l g h u g h a  
g s ?

- (a) The Kelvin scale of temperature is called the  
Absolute scale/ r k i d k d f y o u e k i Ø e i j e e k i Ø e  
d g y k r k g s  
(b) Visible light radiation has wavelength range of  
400-700 nm/ दृश्य प्रकाश विकिरण की तरंगदैर्घ्य 400 – 700  
nm g k r h g s  
(c) The capacity to do work is called power/ d k ; l  
k o k r n e k i k s m t a s k i t k h l a t i h e  
(d) The wavelength of Gamma rays is less than  
that of X-rays/ x k e k & f d j . k k a d h r j æ n s ; l X - f d j . k k a d h  
r j æ n s ; l l s d e g k r h g s

82. A man is sitting in a train which is moving with a  
velocity of 60 km/hour. His speed with respect to  
the train is: / , d 0 ; f D r 60 km/ ? k a / k d s o x l s x f r e k u  
j s y x k m h e a c B k g A j s y x k m h d s l k i s k m l d h p k y D ; k g s ?

- (a) 10/3 m/s (b) 60 m/s  
(c) infinite/ v u l r (d) zero/ शून्य

83. Match List I with List II and select the correct  
answer using the code given below the lists: / l p h  
l d k s l p h II l s l e f y r d h f t ; s v k j l i f p ; k a d s u h p s f n ; s  
x ; s d i v d k c ; k x d j l g h m l k j p f u ; s %

List I/ l p h I

List II/ l p h II

(Place)/

(Normal vegetation type)/

W L F k k u z

W l k e k u ; o u l i f r c d k j %

(A) Western Ghats/

1. Tropical Moist Deciduous/

पश्चिमी घाट

उष्णकटिबंधीय आर्द्र पतझड़ी

(B) Himanchal Pradesh/

2. Tropical Evergreen/

हिमाचल प्रदेश

उष्णकटिबंधीय सदाहरित

(C) Haryana and Punjab/

3. Himalayan Moist Forest/

gfj ; k . k v k j i a t k c

f g e k y ; h v k n i o u

(D) Chhotanagpur Plateau/ 4. Tropical Thorny Forest/

N k v k u k x i j i B k j

उष्णकटिबंधीय कंटकी वन

Code: / d i v %

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 3 | 4 | 1 |
| (b) | 1 | 4 | 3 | 2 |
| (c) | 2 | 4 | 3 | 1 |
| (d) | 1 | 3 | 4 | 2 |

84. The term 'Regur' is used to mean:

- (a) Laterite soil/ ' j x M t शब्द किसके लिए प्रयुक्त होता है?  
(b) Deltaic soil/ M s v k j d e n k  
(c) Red soil/ y k y e n k  
(d) Black cotton soil/ d k y h d i k l e n k

85. Graphite is much better conductor of heat and  
electricity than diamond. This is due to the fact  
that each carbon atom in graphite: / g h j s d h v i s k k

ग्रेफाइट ऊष्मा और विद्युत का बहुत अच्छा चालक है। यह इस  
रफ; d s d k j . k g s f d x i Q k b v e a c R ; d d k c l u i j e k . k q %

(a) undergoes  $sp^2$  hybridization and forms three  
sigma bonds with three neighbouring carbon  
atoms/  $sp^2$  l a d j . k l s x q t j r k g s v k j r h u f u d v o r h z d k c l u  
i j e k . k a v k a d s l k f k r h u f l x e k v k c a k c u k r k g s

(b) Undergoes  $sp^3$  hybridization/  $sp^3$  l a d j . k l s  
x q t j r k g s

(c) is tetrahedrally bonded/ चतुष्फलकीय आबंधित होता  
g s

(d) is free from van der Waals force/ o k u m j o k y l c y  
l s e p r g k r k g s

86. Which one of the following vitamins is  
synthesized in our own skin? / fuEufyf [kr foVkfeku e a  
s e k o u n s a e k , h m a r i a p n i t v c h a m e s a n s l e s h i t h o t a h e ?

- (a) Vitamin A/ foVkfue A  
(b) Vitamin B/ foVkfue B  
(c) Vitamin C/ foVkfue C  
(d) Vitamin D/ foVkfue D

87. Which one of the following is the SI unit of the  
thermal conductivity of a material? / fuEufyf [kr e a l s  
k o u n e k , k i s i p d a r t h k i u s h m a c h a l k t a k o S I b d k b z g s ?

- (a)  $Wm^{-1}K^{-1}$  (b)  $Wm/K$   
(c)  $Wm^{-1}/K^{-1}$  (d)  $Js^{-1}m^{-1}K$

88. Which one of the following statements is **not**  
correct? / fuEufyf [kr d f k u k e a l s d k l u l k , d ] l g h u g h a  
g s ?

(a) Conduction can occur easily in solids, less  
easily in liquids but hardly at all in gases/ p k y u  
B k l k a e a l p e r k l j n o k a e a d e l p e r k l s i j u r q x s k a e a  
u x . ; g k r k g s

(b) Heat energy is carried by moving particles in  
a convection current/ ऊष्मीय ऊर्जा, संवहन धारा में  
x f r e k u d . k k a } k j k c o k f g r g k r h g s

(c) Heat energy is carried by electromagnetic  
waves in radiation/ ऊष्मीय ऊर्जा, विकिरण में विद्युत  
p f c d h ; r j æ k a } k j k c o k f g r g k r h g s



(d) The temperature at which a solid changes into a liquid is called the boiling point/og rki eku ftl ij dkbz Bkl no ea ifjofnr gkrk gš DoFkukad dgykrk gš

89. Which one of the following combinations of stalactites and stalagmites occurrences is correct?/LVsyDVkbv4 vksj LVsyXekbv4 ds ik, tkus ds fuEufyf[kr l a kstuka ea l s dksu l k , d l gh gš?

(a) Stalactites hang as icicles of different diameters and stalagmites hang from the floor of the caves/LVsyDVkbv4 fofHku 0; kl ka ds cQZycka ds : lk ea yVds gkrs gš vksj LVsyXekbv4 xPQvka ds ry l s yVds gkrs gš

(b) Stalactites hang as icicles of different diameters and stalagmites rise up from the floor of the caves/ LVsyDVkbv4 fofHku 0; kl ka ds cQZycka ds : lk ea yVds gkrs gš vksj LVsyXekbv4 xPQvka ds ry l s mBs gkrs gš

(c) Stalactites rise up from the floor of the caves and stalagmites hang as icicles of different diameters/ LVsyDVkbv4 xPQvka ds ry l s mBs gkrs gš vksj LVsyXekbv4 fofHku 0; kl ka ds cQZycka ds : lk ea yVds gkrs gš

(d) Stalactites hang as icicles of different diameters and stalagmites also hang as icicles of different diameters/LVsyDVkbv4 fofHku 0; kl ka ds cQZycka ds : lk ea yVds gkrs gš vksj LVsyXekbv4 Hkh fofHku 0; kl ka ds cQZycka ds : l ea yVds gkrs gš

90. Which one of the following is the correct sequence about various levels of organization of Biosphere?/thoemy %ck; kfLQvj½ ds l xBu ds fofHku Lrjka ds ckjs ea fuEufyf[kr ea l s dksu l k , d l gh vuøe gš?

(a) Eco system – Biosphere – Community – Population/ikjflFkfrd r= & thoemy & l epk; & tul a[; k

(b) Population – Organism – Eco system – Biosphere/tul a[; k & tho & ikjflFkfrd r= & thoemy

(c) Organism – Community – Population – Biosphere/tho & l epk; & tul a[; k & thoemy

(d) Organism – Population – Eco system – Biosphere/tho & tul a[; k & ikjflFkfrd r= & thoemy

91. Which of the following are the properties of an electron?/fuEufyf[kr ea dksul j bydVku ds xqk gš?

(a) Electron is a constituent of cathode ray/byDVku dFkM fdj .k dk ?kVd gš

(b) Electron is a negatively charged particle/इलेक्ट्रॉन ऋणात्मक आवेश वाला कण है

(c) The mass of the electron is equal to the mass of the proton/byDVku dk nð; eku] çkVke ds nð; eku ds cjkj gš

(d) Electron is deflected by the electric field but not by magnetic field/byDVku fo l r {k= }kj fo{kfi r gkrk gš ijUrq pfcadh; {k= }kj ugha

Select the correct answer using the code given below/uhps fn; s x; s dhv dk ç; kx dj l gh mUkj pfu; s %

(a) 1 and 2 only/doy 1 vksj 2

(b) 1, 2 and 3/1] 2 vksj 3

(c) 3 and 4/3 vksj 4

(d) 1 and 4/1 vksj 4

92. Carbon and energy requirements of autotrophic organisms are fulfilled by:/स्वपोषित जीवों का कार्बन और ऊर्जा की आवश्यकताएं किसके द्वारा पूरी होती हैं?

(a) Photosynthesis/प्रकाश संश्लेषण

(b) Gluconeogenesis/xyidkl uotuu

xyidklfuvkstuf l ½

(c) Glycogenesis/xykbadkstuRi fr xykbadkstuRi l ½

(d) External sources/çkjk L=kr

93. The resistance of a wire of length and area of cross-section a is  $X$  ohm. If the wire is stretched to double its length, its resistance would become:/l yackbz vksj  $\alpha$  vuøLFk & ifjPNn {k=Qy okys

fdl h rkj dk çfrjkk  $x$  ohm gA ; fn rkj dh yackbz dks [khpj nkxuk fd; k tk; s rks bl dk çfrjkk fdruk gk tk; xk?

(a)  $2X$  ohm (b)  $0.5X$  ohm

(c)  $4X$  ohm (d)  $6X$  ohm

94. Which one of the following describes the Lithosphere?/fuEufyf[kr ea l s dksu l k , d l LFkye.My dk o.ku djrk gš?

(a) Upper and lower mantle/Åijh vksj fuEu çkokj %eNy½

(b) Crust and upper mantle/i iMh vksj Åijh çkokj

(c) Crust and core/i iMh vksj ØkM

(d) mantle and core/çkokj vksj ØkM

95. Which of the following statements regarding heavy water are correct?/Hkhj ty ds l nhkz ea fuEufyf[kr dFkuka ea dksu l s l gh gš?

1. It is extensively used as a moderator in nuclear reactors/ukfHkdh; fj; DVka ea foend ds : lk ea bl dk 0; ki d : lk l s ç; kx gkrk gš

2. It cannot be used in exchange reaction to study reaction mechanism/bl dk ç; kx vfhkFØ; k fØ; kfof/k ds v/; ; u ds fy, fofue; vfhkFØ; k ea ugha fd; k tk l drk

3. Viscosity of heavy water is relatively smaller than that of ordinary water/भारी जल की श्यानता, सामान्य जल की श्यानता की अपेक्षा कम होती है

4. The dielectric constant of heavy water is smaller than that of ordinary water/Hkhj ty dk ijkos] rkd l keku; ty ds ijkos] rkd l s de gkrk gš

Select the correct answer using the code given below:/uhps fn; s x; s dhv dk ç; kx dj l gh mUkj pfu; s

(a) 1 and 2/1 vksj 2

- (b) 2 and  $3/2$   $\sqrt{kg}$  3  
 (c) 3 and  $4/3$   $\sqrt{kg}$  4  
 (d) 1 and  $4/1$   $\sqrt{kg}$  4

96. Conservation of momentum in a collision between particles can be understood on the basis of :/d. kka ds e/; I 2kV ea I dx dk I j {k. k fdl ds vk/kkj ij I e>k tk I drk g?

- (a) Newton's first law of motion/U; i/u dk xfr dk çFke fu; e  
 (b) Newton's second law of motion only/U; i/u dk xfr dk dby f};rh; fu; e  
 (c) Both Newton's second law of motion and Newton's third law of motion/U; i/u dh xfr dk f};rh; fu; e  $\sqrt{kg}$  U; i/u dh xfr dk r};rh; fu; e] nkuka  
 (d) Conservation of energy/Åtkz dk I j {k. k

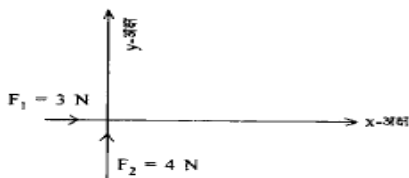
97. Which one of the following statements is not correct?/fuEufyf[kr dFkuka ea dku l k , d I gh ugha g?

- (a) Temperatures decrease from the equator to poles/विषुवत वृत्त से ध्रुवों की ओर तापमान घटता जाता है  
 (b) Temperatures in equatorial regions change substantially from January to July/विषुवतीय क्षेत्रों में तुल्य I s ty/kbz ds chip rki eku ea Hkkjh cnyko gkrs g  
 (c) Large land masses located in the subtropical and arctic zones develop centres of extremely low temperatures in winter/mi mUkj /kph;  $\sqrt{kg}$  mUkj ध्रुवीय प्रदेशों में अवस्थित वृहत् भू संहतियों में शीतऋतु में  $\sqrt{R}$ ; r de rki eku ds dnz fodf r gkrs g  
 (d) Highlands are always colder than surrounding low lands/mPp Hkfe; kj I nD vki & i kl dh fuEu Hkfe; ka I s B. Mh gkrs g

98. To weld metals together high temperature is required. Such a high temperature is obtained by burning:/kkrq/ka dks , d I kFk oYM djus ds fy, mPp rki की आवश्यकता होती है। ऐसा उच्च तापमान किसके दहन I s çkIRr gkrs g?

- (a) Acetylene in oxygen/vkDI I htU ea , d hfVyhu  
 (b) LPG in oxygen/vkDI I htU ea , y ih th  
 (c) Methane in oxygen/vkDI I htU ea efkU  
 (d) Acetylene in nitrogen/ukbVkstU ea , d hfVyhu

99. Two forces, one of 3 newton and another of 4 newton are applied on a standard 1 kg body, placed on a horizontal and frictionless surface, simultaneously along the x-axis and the y-axis, respectively, as known below:/किसी द्रैतिज और घर्षण jfgr I rg ij j [k fdl h ekud 1 kg ds fi M ij 3 U; i/u और 4 न्यूटन के दो बल क्रमशः x- $\sqrt{kg}$  y-अक्ष के अनुदिश एक साथ लग रहे हैं, जैसा कि नीचे चित्र में दर्शाया गया है :



The magnitude of the resultant acceleration is :/i fj . kkeh Roj . k dk i fj ek. k D; k g?

- (a)  $7 \text{ m/s}^2$  (b)  $1 \text{ m/s}^2$   
 (c)  $5 \text{ m/s}^2$  (d)  $\sqrt{7} \text{ m/s}^2$

100. Magnetic meridian is an imaginary :/p;pdh; ; KE; kUkj %

- (a) line along north-south/उत्तर-दक्षिण के अनुदिश dKYi kfud js{k k g  
 (b) Point/dKYi fud fclnq g  
 (c) Vertical plane/dKYi fud Å/ok/kj ry g  
 (d) Horizontal plane/dKYi fud {kfrt ry g

101. Which endocrine gland requires iodine to synthesize a particular hormone whose deficiency may cause goiter disease?/, d विशिष्ट हार्मोन को, जिसकी कमी से गलगण्ड (गॉइटर) रोग हो सकता है, संश्लेषित करने के लिए किस अंतःस्त्रावी (एंडोक्राइन) ग्रंथि को आयोडीन की आवश्यकता gkrs g?

- (a) Hypothalamus/अधश्चेतक (हाईपोथैलेमस)  
 (b) Pancreas/vXUयाशय (पैंक्रियाज)  
 (c) Thymus/Fkkbel  
 (d) Thyroid gland/voVx;fFk %Fkkbj kUM x;fFk/

102. Which one of the following is not a part of nerves?/fuEufyf[kr ea I s dksU I k , d rf=dkvka dk Hkkx ugha g?

- (a) Axons/v{kruUq  
 (b) Connective tissues/I a ksth Ård  
 (c) Schwann cells/श्वान कोशिकाएँ  
 (d) Smooth muscles/मसृण पेशियाँ

103. The product of conductivity and resistivity of a conductor/fdl h pkyd dh pkydrk  $\sqrt{kg}$  çfrj k/kdrk dk xq kuQy D; k gkrs g?

- (a) depends on pressure applied;/ g vuç; ;ä nkc ij fuHkj djrk g  
 (b) depends on current flowing through Conductor;/ g pkyd ea çokfgr /kjk ij fuHkj djrk g  
 (c) is the same for all conductors/I Hkh pkydka ds fy, I eku gkrs g  
 (d) varies from conductor to conductor/vyx&vyx pkyd ea vyx&vyx gkrs g

104. We use CFL to save electrical energy and to provide sufficient light. The full form of CFL is/विद्युत ऊर्जा की बचत करने तथा पर्याप्त प्रकाश पाने ds fy, ge CFL dk mi ; ks djrs g. CFL dk i j k :

- (a) Condensed filament light/dUMJLM fQyke/ yEi  
 (b) Compact filament lamp/dkEi DV fQyke/ yEi

(c) Condense fluorescent lamp/dumsilm  
शुद्धीकरण करने वाला बल्ब

(d) Compact fluorescent lamp/dkwi DV शुद्धीकरण करने वाला बल्ब

105. When the sun is 30° above the horizon shadow of one tree is 17.3 long. What is the height of this tree?/tc l m l f{kfrt l s 30° Åij g s rks , d o{k dh Nk;k 17.3 m yEch gA bl o{k dh ÅjpkbZ D; k g s?

- (a) 20 m (b) 17.30 m  
(c) 10 m (d) 1-73 m

106. When heat rays are reflected from Earth, gases like Carbon dioxide, Nitrous oxide do not allow them to escape back to the space causing our planet to heat up. These gases are known as/जब ऊष्मीय किरणें पृथ्वी से परावर्तित गहराई गैसों जैसे कार्बन डायऑक्साइड और नाइट्रस ऑक्साइड को वापस वायुमंडल में वापस आने से रोकते हैं। ये गैसें हमारे ग्रह को गर्म करने का कारण बनती हैं।

- (a) Noble gas/मूलक (नोबल) गैस  
(b) Green-house gas/खुद और ग्रहण करने वाली गैस  
(c) Hot gas/गर्म गैस  
(d) Blue gas/नीली गैस

107. A spring can be used to determine the mass m of an object in two ways (i) by measuring the extension in the spring due to the object; and (ii) by measuring the oscillation period for the given mass. Which of these methods can be used in a space station orbiting Earth?/fdl h oLrq dk nD; eku m Kkr djus ds fy, , d dekuh dk mi ; kx nks çdkj l s fd; k tk l drk g s % (i) oLrq ds dkj .k dekuh ea vk, foLrkj dk eki u dj ; vkj (ii) fn; s x; s nD; eku ds nksyu dky dk eki u djA iFoh dh d{k k ea ifjØe.k करने वाले किसी अंतरिक्ष - स्टेशन में इनमें से कौन सी फोफ/क डक च; kx fd; k tk l drk g s?

- (a) Both/nksuka  
(b) Only the extension method/doy foLrkj fof/k  
(c) Only the oscillation method/doy nksyu fof/k  
(d) Neither/nksuka ea l s dkbZ ugha

108. Match List I with List II and select the correct answer using the code given below the Lists:/l iph I dks l iph II ds l kfk l pefyr dhft, vkj l ip; ka ds uhps fn; s x; s dM dk ç; kx dj l gh mUkj pflu, %

List I/l iph I List II/l iph II

(Region)/  
½{k s=½ (Vegetation)/  
½youLi fr½

- A. Selves/ 1. Conifers/  
½l sYokl ½ (शंकुवृक्ष)  
B. Savannas 2. Mosses and Lichens/  
l okuk ekil s vkj yk bdlil  
C. Taiga/ 3. Epiphytes/  
V s k vf/ki kni  
D. Tundra/ 4. Grasses and trees/  
V q /k ?kkl vkj o{k

Code:/dM %

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 4 | 1 | 2 | 3 |
| (b) | 3 | 2 | 1 | 4 |
| (c) | 3 | 4 | 1 | 2 |
| (d) | 4 | 2 | 1 | 3 |

109. Which of the following statements with regard to the west coast plain of India are correct?/भारत के पश्चिमी तटीय मैदान के बारे में fuEufyf[kr dFkuka ea dks l s l gh g s?

1. It is a narrow belt./; g , d l dh.kz i Vh gA  
2. It is an example of submerged coastal plain;/ g fuexz rVh; efnku dk , d mnkgj .k gA  
3. It provides natural conditions for development of ports;/ g i Ukuka ds fodkl ds fy, çkrtik dshaँ प्रदान करता है।  
4. It has well developed deltas/bl ea l fodfl r M s V k gA

Select the correct answer using the code given below:/uhps fn; s x; s dM dk ç; kx dj l gh mUkj pflu; s %

- (a) 1,2 and 3 only/doy 1] 2 vkj 3  
(b) 1 and 2 only/doy 1 vkj 2  
(c) 1,2,3 and 4/1] 2] 3 vkj 4  
(d) 3 and 4 only/doy 3 vkj 4

110. Which one of the following weather conditions indicates a sudden fall in barometer reading?/fuEufyf[kr ea l s fdl , d मौसम दशा में बैरोमीटर के पाठ में एकाएक कमी ि [krh g s?

- (a) Stormy weather/nOkul ekil e  
(b) Calm weather/शांत मौसम  
(c) Cold and dry weather/शीत और शुष्क मौसम  
(d) Hot and sunny weather/xel vkj /kii okyk ekil e

111. Match List I with List II and select the correct answer using the code given below the Lists:/ l iph I dks l iph II ds l kfk l pefyr dhft, vkj l ip; ka ds uhps fn; s x; s dM dk ç; kx dj l gh mUkj pflu, %

vkj I ifp; ka ds uhps fn; s x; s dM dk c; kx dj I gh  
mUkj pflu, %

**List I/ I ph I**  
**(island)/**  
%}hi %

**List II/ I ph II**  
**(Location)/**  
%vofLFkfr%

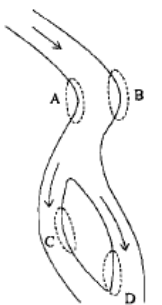
- |   |   |
|---|---|
| A. Continental island/<br>महादेशी द्वीप | 1. Mauritius/<br>मॉरीशस                           |
| B. Coral island/<br>चोक्य }hi           | 2. Madagascar/<br>eMkxkLdj                        |
| C. Volcanic -island/<br>Tokykeq[kh }hi  | 3. Andaman and/<br>vMeku vkj<br>fudkckj }hi I eig |
| D. Mountain island/<br>i o}rh; }hi      | 4. Maldives/<br>ekynho                            |

Code:/dM %

	A	B	C	D
(a)	2	4	1	3
(b)	2	1	4	3
(c)	3	1	4	2
(d)	3	4	1	2

112. Consider the following diagram:/uhps fn; s x; s

vkjs[k i j fopkj dhft; s %



In which one among the following lettered areas of the diagram would erosion most likely change the shapes of the riverbed?/bl vkjs[k d} uhps fn, x, v{kj kfd r {ks=ka ea I s fdl , d e} eq[; r% vijnu }kjk unh ikV dh vk}fr; ka ea i fjon}u gkus dh I okf/kd I kkkouk g}?

- (a) A (b) B  
(c) C (d) D

113. Match List I with List II and select the correct answer using the code given below the Lists: I ph I dks I ph II ds I kFk I p}fyr dhft, vkj I ifp; ka ds uhps fn; s x; s dM dk c; kx dj I gh mUkj pflu, %

**List I/ I ph I**  
**(Cloud)/**  
%e}k%

**List II/ I ph II**  
**(Characteristic)/**  
**(विशेषता)**

- |                    |                                    |
|--------------------|------------------------------------|
| A. Cirrus/<br>सिरस | 1. Rain giving/<br>वर्षा देने वाला |
|--------------------|------------------------------------|

- |                        |   |
|------------------------|---|
| B. Stratus/<br>Lrjh    | 2. Feathery appearance/<br>fi PNe; %Qnjh% vk}fr |
| C. Nimbus/<br>वर्षामेघ | 3. Vertically growing/<br>ऊर्ध्वाधर वृद्धि      |
| D. Cumulus/<br>dikl h  | 4. Horizontally spreading/<br>{kfrt Q}yko       |

Code:/dM %

	A	B	C	D
(a)	2	4	1	3
(b)	2	1	4	3
(c)	3	1	4	2
(d)	3	4	1	2

114. The concept of demographic transition provides a model for/tul k[f; dh; I Øe.k dh I dYi uk fdl ds fy, , d cfr: i c}nku djrh g}?

- (a) analyzing government to changing pattern of population growth/tul a[; k of} ds cnyrs gq Lo: I ds cfr I jdkjh प्रतिक्रियाओं का विश्लेषण करना  
(b) explaining major patterns of global population movement throughout the history/इतिहास के पूरे दौर में विश्व जनसंख्या संचलन ds c}eq[k Lo: i ka dh 0; k[; k dj uk

(c) analyzing spatial variations in the distribution, growth and movement of population change/I e; ds I kFk] tul a[; k ds forj.k] of} vkj I pyu ea LFk}fud fopj.kka dk विश्लेषण करना

(d) examining the relationship between economic development and natural population change/vk}Fk}d fodkl vkj c}k}frd tul a[; k i fjon}u ds e/; I Ecu/k dh tkp dj uk

115. Precursor of which one of the following vitamins comes from  $\beta$  carotene?/fuEufyf[kr foV}kfeuka ea I s fdl , d dk vxxkeh  $\beta$ -d}k}vhu I s c}l r g}rk g}?

- (a) Vitamin A (b) Vitamin C  
(c) Vitamin D (d) Vitamin K

116. 'Lub-dup' sound I produced due to action of / 'yc & Mi' /ofu fdl dh fØ; k ds dkj .k mri é g}rh g}?

- (a) Large intestine/cMh vk}r  
(b) Lungs/QQM}f  
(c) Heart/an;  
(d) Oesophagus/xkl uyh

117. The Sun is observed to be reddish when it is near the horizon, i.e., in the morning and the evening. This is because/tc I } f{kfrt ds निकट होता है, अर्थात् सुबह और शाम को, त बवह ykfyek ; }a fn[kkbl nrk g}A bl dk dkj .k D; k g}?

(a) red light is the least scattered by atmosphere/लाल प्रकाश का वायुमंडल द्वारा न्यूनतम  $\frac{1}{4}$  तक बिखरता है

(b) red light is most scattered by atmosphere/सुबह और शाम में सूर्य का यही रंग होता है

(c) it is the color of the Sun in the morning and evening/पृथ्वी का वायुमंडल लाल प्रकाश  $\frac{1}{4}$  तक बिखरता है

(d) Earth's atmosphere emits red light

118. Thermal conductivity of aluminum, copper and stainless steel increases in the order/एलुमिनियम, ताम्र और जंगरोधी इस्पात की ऊष्मा  $\frac{1}{4}$  तक बढ़ती है

(a) Copper < Aluminum < stainless Steel/rake < , yefu; e < taxjk/kh bLi kr

(b) Stainless steel < Aluminum < copper/taxjk/kh bLi kr < , yefu; e < rake

(c) Aluminum < Copper < Stainless steel/ , yefu; e < rake < taxjk/kh bLi kr

(d) Copper < Stainless Steel < Aluminum/rake < taxjk/kh bLi kr < , yefu; e

119. Perspiration cools the body because/पसीना शरीर को ठण्डा करता है, क्योंकि

(a) presence of water on the skin is Cooling/त्वचा पर पानी की मौजूदगी शीतलता देती है

(b) evaporation requires latent heat /वाष्पीकरण के लिए गुप्त ऊष्मा की आवश्यकता होती है

(c) water has a poor conductor of heat/i kuh की विशिष्ट ऊष्मा उच्च होती है

(d) water is a poor conductor of heat/i kuh ऊष्मा का हीन चालक है

120. The radius of the Moon is about one-fourth that of the Earth and acceleration due to gravity on the Moon is about one –sixth that on the Earth. From this, we can conclude that the ratio of the mass of Earth to the mass of the Moon is about./pnek dh f=T; k i Foh dh f=T; k l s yxHkx , d & pkFkbz gS vkj pnek ij x#Roh; Roj.k iFoh ij ds x#Roh; Roj.k dk yxHkx NBk fgLI k gA bl s ge iFoh ds nD; eku dk pnek ds द्रव्यमान से लगभग क्या अनुपात होने का निष्कर्ष निकाल सकते हैं?

(a) 10 (b) 100

(c) 1,000 (d) 10,000

121. Which of the following could be the reasons for the failure of infrastructure projects by the public sector enterprises?

1. Cost overruns.

2. Ineffective Governance

3. Lack of inter-ministerial/departmental coordination

4. Optimum input-output ratio is rarely observed leading to overcapitalisation

Select the correct answer code:

a) 1, 2, 3

b) 1, 3, 4

c) 2, 3, 4

d) 1, 2, 3, 4

122. Consider the following statements.

1. Among the operationally-run central public sector undertakings (CPSUs) that have Ratna status, the majority are Maharatna companies.

2. Eight core industrial sectors have a total weight of nearly 70% in the Index of Industrial Production (IIP).

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

123. Arrange the following components of Wholesale Price Index in decreasing order in terms of their weightage.

1. Fuel and Power

2. Primary Articles

3. Manufactured Products

Select the correct answer code:

a) 3-2-1

b) 3-1-2

c) 1-2-3

d) 1-3-2

124. In India's balance of payment (BoP), which of the following are categorised under capital account?

1. Foreign Portfolio Investment

2. External commercial borrowings

3. Trade in services

4. Short-term credit

Select the correct answer code:

a) 1, 2, 3

b) 1, 2, 4

c) 1, 2

d) 1, 2, 3, 4

125. Consider the following statements regarding Currency chests.

1. Currency chest is a place where Banks stock the money meant for ATMs.

2. Currency chests are administered by the RBI.

3. The security of currency chests is the responsibility of the bank in which they are situated.

Which of the above statements is/are correct?

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

126. Consider the following statements.

1. If the rupee's exchange rate falls, it implies that buying American goods would become cheaper.

2. In a free-market economy, the exchange rate is decided by the supply and demand for rupees and dollars.

3. In India, the exchange rate is fully determined by the market.

Which of the above statements is/are correct?

- a) 1, 2                      b) 2 only  
c) 2, 3                      d) 1, 2, 3

127. Foreign Contribution Regulation Act (FCRA) prohibits the receipt of foreign funds by/for

1. Candidates for general elections
2. Media broadcast companies
3. Government servants
4. Cultural and Religious programmes

Select the correct answer code:

- a) 1, 2, 3                  b) 1, 3, 4  
c) 1, 3                      d) 1, 2, 3, 4

128. Under the Foreign Contribution Regulation Act (FCRA), the applicant should

1. not have been found guilty of diversion or misutilisation of funds
2. not have been prosecuted for or convicted of creating communal tension or disharmony
3. not be engaged in the propagation of sedition.

Select the correct answer code:

- a) 1, 2                      b) 1, 3  
c) 2, 3                      d) 1, 2, 3

129. The Foreign Contribution (Regulation) Act (FCRA) requires every person or NGO seeking to receive foreign donations to be

1. Registered under the Act
2. To open a bank account for the receipt of the foreign funds in any of the Public Sector Bank in India
3. To utilise those funds only for the purpose for which they have been received and as stipulated in the Act.

Select the correct answer code:

- a) 1 only                    b) 1, 2  
c) 1, 3                      d) 1, 2, 3

130. Which of the following can be included in the Foreign Direct Investment?

1. Equity capital of unincorporated bodies
2. Foreign Currency Convertible bonds
3. Non-resident external deposits
4. Reinvesting profits earned from overseas operations

Select the correct answer code

- a) 1, 2, 3                  b) 1, 2  
c) 1, 2, 4                  d) 1, 2, 3, 4

131. Consider the following statements regarding Small Savings Schemes (SSS).

1. The Central Government operates Small Savings Schemes (SSS) through the network of post offices, Public-Sector Banks and select private sector banks.

2. National Small Savings Fund (NSSF) was established within the Consolidated Fund of India for pooling the money from different SSS.

3. In the last 5 years the Central Government's reliance on Small Savings Schemes for financing its deficit has been decreasing.

Which of the above statements is/are correct?

- a) 1 only                    b) 1, 2  
c) 1, 3                      d) 2, 3

132. Harappan crafts display an amazing degree of standardization. According to Kenoyer, what was the possible reason for such an achievement?  
आश्चर्यजनक कोटि के मानकीकरण को प्रदर्शित करती

(a) Availability of raw materials at local Level/आवश्यक

(b) Centralized markets for crafts/केंद्रीकृत बाजार

(c) Specialized training centers for Craftsmen/दस्तकारों के लिए विशेषीकृत प्रशिक्षण केंद्र

(d) State control/राज्य नियंत्रण

133. Consider the following statements about Ashokan rock edicts:  
अशोक के शिलालेखों के

1. Major Rock Edict XIII records

Ashoka's remorse at the sufferings caused by his kalinga campaign/प्रमुख शिलालेख XIII अशोक के कलिंग अभियान के कारण हुई वेदनाओं से

2. Major Rock Edict X records

Ashoka's visit to Lumbini./प्रमुख शिलालेख X अशोक की लुंबिनी की यात्रा को अभिलिखित करता है।

3. Major Rock Edict XII refers to Dhamma Mahamattas as a new category of officers instituted by Ashoka./प्रमुख शिलालेख XII अशोक द्वारा संस्थापित एक नए वर्ग के अधिकारियों, Dhamma Mahamattas को निर्दिष्ट करता है

4. Major Rock Edict XII speaks about showing tolerance towards all sects/प्रमुख शिलालेख XII सभी संप्रदायों के प्रति सहनशीलता

Which of the statements given above are correct?  
उपरोक्त कथनों में से कौन से सही हैं?

- (a) 1 and 4 only/doy 1 vkj 4  
 (b) 2 and 3/2 vkj 3  
 (c) 3 and 4/doy 3 vkj 4  
 (d) 1,2 and 4/1] 3 vkj 4

134. Which one of the following is the common element among Rajagriha, Vaishali and Pataliputra?/राजगृह, वैशाली और पाटलिपुत्र में fuEufyf[kr ea l s dku l h , d l ekurk g?

- (a) Pali canno of the sthaviravadins was compiled there/LFkfojokfn; ka dk ikfy /keZ = ogk; l adfyr gvK Fkk  
 (b) Ashokan Major Rock Edicts were found there/अशोक के प्रमुख शिलालेख वहाँ पाए गए  
 (c) Places where Buddhist Councils Were held;/ s os LFkku gñ tgk; ck) l xhfr gpZ Fkh  
 (d) Places associated with the Mahasanghikas;/ s LFkku egkl kf/kdkvka ds ck) /keZ =ka ds l adyu l s l adf/kr gñ

135. Which one among the following sects was associated with Gosala Maskariputa ?/fuEufyf[kr ea l s dku l k , d l ank; xk; ky eLdjhif l s l adf/kr g?

- (a) Vajrayana/ot; ku  
 (b) Ajivikas/vkthfod  
 (c) Sthaviravadins/LFkfoj oknh  
 (d) Mahasanghikas/egkl kf/kdk

136. Consider the following statements about the early modern technology in India:/Hkkj r ea vk | vk/kfud ck; kfxdh ds ck; s ea fuEufyf[kr dFkuka ij fopkj dhft, %

1. The Portuguese brought European moveable metal types to Goa in 1550./i r; xkyh 1550 ea ; ij ki h; py /kkrq Vkbi xkok ea yk, A
2. The first Indian script of which types were prepared was Tamil./i gyh Hkkj rh; fyfi] ftl ds Vkbi cuk, x,] rfey FkhA
3. The English Company's first experiment with printing press was at Calcutta./इंग्लिश dEi uh dk epz.kky; dk i gyk c; kx dydUkk ea gvK A
4. The English Company imported printing press to India in 1674-75 at the request of Bhimji Parak./इंग्लिश कम्पनी ने भीमजी पारक के vkxg ij epz.kky; dk Hkkj r ea 1674&75 ea vk; kr fd; kA

Which of the statements given above are correct?/mi ; ja ea l s dku l s dFku l gh g?

- (a) 1 and 2 only/doy 1 vkj 2  
 (b) 2 and 3/2 vkj 3

- (c) 3 and 4/3 vkj 4  
 (d) 1,2 and 4/1] 2 vkj 4

137. Which of the following statement (s) is/ are true for Olympia de Gouges?/fuEufyf[kr ea l s dku l k/l s dFku vkfyi n xkmt ds ck; s ea l gh g/g?

1. She was one of the most important Politically active woman in revolutionary France./Økfrdkjh Yka ea og jktuhfrd : lk l s l fØ; l c l s vf/kd egROI = kz efgykvka ea l s , d FkhA

2. She was one of the members of the Committee that drafted the Declaration of Rights of Man and citizen/वह पुरुष और नागरिक (वुमन ऐंड सिटिजन) के अधिकारों की घोषणा dk ck#i rñ kj djus okyh l fefr ds l nL; ka ea l s , d FkhA

3. She wrote the Declaration of the Right of Woman and Citizen./mlgkaus efgyk vkj नागरिक (वुमन ऐंड सिटिजन) के अधिकारों की घोषणा dks fy[kkA

Select the correct answer using the/ code given below:/uhps fn; s x; s dM dk c; kx dj l gh mUkj pfu; s %

- (a) 1 only/doy 1 (b) 3 only/doy 3  
 (c) 1 and 2/1 vkj 2 (d) 1 and 3/1 vkj 3

138. Arrange the following inventions in the field of cotton industry in chronological order/l rh oL= m | kx ds {k= ea gkus okys निम्नलिखित आविष्कारों को कालानुक्रम (सबसे पहले से शुरू कर) में लगाइए :

1. James Hargreaves's Spinning Jenny/tEl gkj xh0t dh flifux tsh
2. John Kay's Flying Shuttle/tklu ds dh फ्लाईंग शटल
3. Samuel Crompton's Mule/l ðq y Øklu i Vu dk E; y
4. Richard Arkwright's Water Frame/fj pM vkdj kbV dk okVj Ye

Select the correct answer using the code given below:/uhps fn; s x; s dM dk c; kx dj l gh mUkj pfu; s %

- (a) 1,3,4,2 (b) 2,1,4,3  
 (c) 4,1,3,2 (d) 2,4,1,3

139. Which opposing the Public Safety Bill, 1928 who among the following said that it was 'a direct attack on Indian nationalism, on the Indian National Congress' and as 'the Slavery of India, Bill No.1'?/युक्त ल ग क फो/स द वि फ्युद ल वी/वि फ्यु/ 1928 दक फो/क/क द्ज/र/स ले; fuEufyf[kr ea l s fdl us dgk Fkk fd og 'Hkkjrh; राष्ट्रवाद पर, भारतीय राष्ट्रीय कांग्रेस पर सीधा प्रहार है' व/क 'Hkkj r dh nkl rk dk igys uEcj dk fcy' g?

- (a) Motilal Nehru/एकरथ्यु उग#  
 (b) Lala Lajpat Rai/य/क/क य/क/र/ज/क;  
 (c) T Parkasam/टी प्रकाशम  
 (d) Diwan Chaman Lal/न/ह/कु/पे/य/क

140. Soon after formation of Indian National Congress, the British became suspicious of nationalists. Who among the following called Congress representing only the elite-'microscopic minority' ?/भारतीय राष्ट्रीय कांग्रेस का xBu gkus ds njar ckn ब्रिटिश, राष्ट्रवादियों के प्रति संशयालु हो गए। निम्नलिखित में से किस ने कहा कि कांग्रेस केवल विशिष्ट वर्ग - 'l (e vYi l a[; k' dk gh च/र/र/फ/र/क/रो द/ज/र/ह ग?

- (a) Lord Napier/य/क/म/अ/उ/फ/ी/;/ज  
 (b) Lord Dufferin/य/क/म/अ/म/ओ/फ/ी/उ  
 (c) Lord Ripon/य/क/म/अ/फ/ी/उ  
 (d) Lord Lytton/य/क/म/अ/फ/ी/व/उ

141. What is the common element among Ram Prasad Bismol, Roshan Singh and Rajendra Lahiri?/रामप्रसाद बिस्मिल, रोशन सिंह और राजेन्द्र य/क/ग/म/अ/द/स/च/प/ड/;/क/ल/ए/क/र/क/ग?

- (a) They threw a bomb in the Central Legislative Assembly on 8 April, 1929/m/ल/ग/क/स/8 vçšy 1929 dks dnrh; fo/kku l Hkk ea ce Qædk  
 (b) They were the founder members of Swaraj Part/os Lojkt i kVh/ ds l dFkki d l nL; Fks  
 (c) They were the founders of Hindustan Republican Association/os fgUn/ rku fj i ftydu एसोसिएशन के संस्थापक थे  
 (d) They were associated with Kakori Conspiracy case/वे काकोरी षड्यंत्र मामले से संबद्ध Fks

142. Which of the following is/are not fundamental right (s) under the Constitution of India?/Hkkj r ds l fo/kku ds v/khu fuEufyf[kr ea l s dks/उ/ल/स/ए/य/व/क/क/ज/उ/ग/ह/ग?

1. Right to education/शिक्षा पाने का अधिकार  
 2. Right to work/dke i kus dk vf/kdkj  
 3. Right to from associations/l æe cukus dk vf/kdkj

4. Right to practice any profession./dkbz ofÜk dj us dk vf/kdkj

Select the correct answer using the code given below:/uhps fn; s x; s dñW dk ç; kx dj l gh mÜkj p/ru; s %

- (a) 1 and 2/1 व/क/ 2 (b) 2 and 4/2 व/क/ 4  
 (c) 2 only/doy 2 (d) 1 and 3/1 व/क/ 3

143. Mahatma Gandhi's Hind Swaraj is essentially/egkRek xk/kh dk fgn Lojkt rRor% D; k g?

- (a) a critique of Western modernity/पश्चिमी व/क/क/फ/ु/द/र/क/ध/ , d v/क/क/प/क  
 (b) an outline of his philosophy of Satyagraha/सत्याग्रह के उनके दर्शन की रूप - j s[kk  
 (c) an invocation to Indians to free themselves from the British/ब्रिटिश से अपने vki dks Loræ dj kus dk Hkkj rh; ka l s vkaku  
 (d) a blueprint of Gram Swaraj/xke Lojkt dh , d : lk & j s[kk

144. The Seventh Seventh Schedule of the Constitution of India contains/Hkkj r ds संविधान की सातवीं अनुसूची में क्या अंतर्विष्ट है?

- (a) provisions regarding the administration of tribal contains/जनजातीय क्षेत्रों के प्रशासन के ckj s ea mi c/k  
 (b) the Union List, the state list and the Concurrent List/l æk l p[h] j kT; l p[h] v/क/ l eorh/ l p[h]  
 (c) a list of recognized languages/ekU; rkçkr भाषाओं की सूची  
 (d) provisions about the disqualification of Members of Legislatures on grounds on grounds of defection/ny i fjon/ü ds v/क/क/ ij fo/kku & eMyka ds l nL; ka dh fujg/rk ds ckj s ea mi c/k

145. Pochampally in Nalgonda district of Telengana became famous in April 1951 because/rsyækkuk ds ukyxkUmk ftys ea i kpei Yyh vçšy 1951 ea fdl dkj .k çfl ) gks x; k?

- (a) the Bhoodan movement was launched there by Vinoba Bhave/foukçk Hkkos us ogk/ Hknku vkanksyu v/क/क/क/ f/; k  
 (b) The landless peasants rose up in arms against the landlords/Hkifeghu fdl ku HklLokfe; ka के विरुद्ध शस्त्र लेकर उठ खड़े हुए  
 (c) it witnessed violent anti- Hindi agitation;/ gk/ fgd d fgnh & foj k/kh vkanksyu ns[kk x; k



(d) Silk weavers' cooperative was formed for the first time in India/भारत में पहली बार रेशम का सहकारी समितियों का गठन हुआ

146. Who among the following was not associated with the Sarvodaya movement?/निम्नलिखित में से कौन सा सर्वोदय आंदोलन से जुड़ा नहीं था?

- (a) Jaya Prakash Nartayan /जय प्रकाश नारायण
- (b) Acharya Vinoba Bhave/अचार्य विनोबा भावे
- (c) Dhirendra Mazumdar/धिरेंद्रा मजुमदार
- (d) G.V Apparao/जी.वी. अप्पाराओ

147. Article 368 of the Constitution of India deals with/भारत के संविधान की धारा 368 किससे संबंधित है?

- (a) The powers of the Parliament of India to amend the Constitution/संविधान का संशोधन करने की भारत की संसद की शक्ति
- (b) financial emergency/वित्तीय आपातकाल
- (c) reservation of seats for scheduled Castes and Scheduled Tribes in the Lok Sabha/लोक सभा में अनुसूचित जातों और अनुसूचित जनजातों के लिए सीटों का आरक्षण
- (d) Official Language of the Union of India/भारत संघ की राजभाषा

148. Which among the following is not a basic feature of the Constitution of India?/निम्नलिखित में से कौन सी, भारत के संविधान की आधारभूत विशेषता नहीं है?

- (a) Fundamental rights/मूल अधिकार
- (b) Independence of judiciary/न्यायपालिका की स्वतंत्रता
- (c) Federalism/संघीयता
- (d) The unquestioned right of the Parliament to amend any part of the Constitution/संसद की निर्विवाद शक्ति

149. Which one among the following is not a fundamental duty?/निम्नलिखित में से कौन सा, मूल कर्तव्य नहीं है?

- (a) To abide by the Constitution of India and respect the national flag and national anthem/भारत के संविधान का पालन करना और राष्ट्र ध्वज और राष्ट्र गान का आदर करना
- (b) To safeguard public property/जनसंपत्ति की रक्षा करना
- (c) To protect the Sovereignty, Unity and Integrity of India/भारत की संप्रभुता, एकता और अखंडता की रक्षा करना
- (d) To render compulsory military service/सैन्य सेवा करना

(d) To render compulsory military service/सैन्य सेवा करना

150 Consider the following statements.

1. Decline in gold prices leads to decline in a country's foreign exchange reserves.
2. If the value of the rupee depreciates, the RBI intervenes in the forex market by buying more dollars.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2



## NDA GAT MODAL TEST- ANSWER KEY

1.	C	31.	B	61.	B	91.	A	121.	D
2.	B	32.	C	62.	B	92.	A	122.	D
3.	C	33.	A	63.	C	93.	C	123.	A
4.	D	34.	D	64.	C	94.	B	124.	B
5.	A	35.	A	65.	C	95.	C	125.	C
6.	A	36.	A	66.	B	96.	B	126.	B
7.	C	37.	B	67.	B	97.	B	127.	A
8.	C	38.	A	68.	C	98.	A	128.	D
9.	A	39.	D	69.	B	99.	C	129.	C
10.	D	40.	B	70.	B	100.	C	130.	D
11.	A	41.	C	71.	D	101.	D	131.	A
12.	C	42.	B	72.	A	102.	D	132.	D
13.	B	43.	A	73.	B	103.	C	133.	D
14.	D	44.	D	74.	A	104.	D	134.	C
15.	B	45.	A	75.	B	105.	C	135.	B
16.	A	46.	B	76.	B	106.	B	136.	D
17.	D	47.	D	77.	A	107.	C	137.	D
18.	B	48.	A	78.	A	108.	C	138.	B
19.	D	49.	C	79.	B	109.	A	139.	A
20.	A	50.	A	80.	B	100.	A	140.	B
21.	C	51.	D	81.	C	110.	A	141.	D
22.	A	52.	A	82.	D	112.	B	142.	C
23.	C	53.	B	83.	A	113.	C	143.	A
24.	C	54.	C	84.	D	114.	D	144.	B
25.	D	55.	D	85.	A	115.	A	145.	A
26.	A	56.	B	86.	D	116.	C	146.	D
27.	B	57.	C	87.	D	117.	A	147.	A
28.	D	58.	C	88.	D	118.	B	148.	D
29.	C	59.	B	89.	B	119.	B	149.	D
30.	A	60.	C	90.	D	120.	B	150.	A