ALLEN CAREER INSTITUTE KOTA (RAJASTHAN)

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FORM NUMBER

DISTANCE LEARNING PROGRAMME

(ACADEMIC SESSION 2020-2021)

NTSE (STAGE-II) TEST SERIES

SCHOLASTIC APTITUDE TEST (SAT)

MOCK TEST # 2(B) DATE : 11-04-2021

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Duration of Test is **120 Minutes** and Questions Paper Contains **100 Questions**. Total Marks are **100**.
2. Answers are to be given on a separate OMR sheet.
3. There are 100 questions in this test. All are compulsory. The question numbers 1 to 40 belong to Science, 41 to 60 pertain to Mathematics and 61 to 100 are on Social Science subjects. 120 minutes are alloted for Science, Mathematics and Social Science.
4. Please follow the instructions given on the OMR sheet for marking the answers.
5. Mark your answers for questions 1–100 on the OMR sheet by darkening the circles.
6. Every correct answer will be awarded one mark. **THERE IS NO NEGATIVE MARKING.**
7. If you do not know the answer to any question, do not waste time on it and pass on to the next one. Time permitting, you can come back to the questions, which you have left in the first instance and attempt them.
8. Since the time allotted for this question paper is very limited you should make the best use of it by not spending too much time on any one question.
9. Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.
10. Please return the OMR sheet to the invigilator after the test.

Corporate Office
"SANKALP", CP-6, Indra Vihar, Kota (Rajasthan), INDIA-324005
+91 - 744 - 2757575 **info@allen.ac.in**

Pre-Nurture & Career Foundation Division
"SAMANVAYA", C-210/2, Talwandi, Kota (Rajasthan), INDIA-324005
+91 - 744 - 2752600 **prenurture@allen.ac.in**

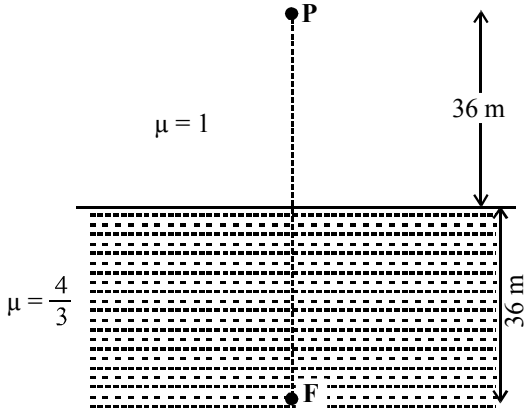
Website: www.allen.ac.in

1. A uniform wire of resistance 4 Ω is bent into the form of a circle of radius r. A specimen of the same wire is connected along the diameter of the circle. The equivalent resistance across the ends of this specimen wire will be

(1) $\frac{4}{(4+\pi)}\ \Omega$ (2) $\frac{3}{(3+\pi)}\ \Omega$

(3) $\frac{2}{(2+\pi)}\ \Omega$ (4) $\frac{1}{(1+\pi)}\ \Omega$

2. In the given figure, the distance at which point P will appear as seen from point F, is



(1) 27 m (2) 84 m (3) 48 m (4) 63 m

3. Two particles of masses 1×10^{-3} kg and 4×10^{-3} kg have equal momentum. What is the ratio of their kinetic energies?

(1) 4 : 1 (2) 2 : 1

(3) 16 : 1 (4) $\sqrt{2}$: 1

4. A cubical block of wood of edge 0.2 m weighing 6.4 kgf floats on water. Find the depth of immersion. (density of water is 1000 kg/m^3).

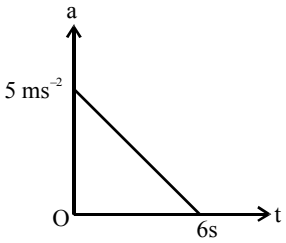
(1) 0.16 m (2) 0.8 m

(3) 1.57 m (4) 0.2 m

5. A rocket is fired from the earth to the moon. The distance between the earth and the moon is r and the mass of the earth is 81 times the mass of the moon. The gravitational force on the rocket will be zero, when its distance from the moon is

(1) $\frac{r}{20}$ (2) $\frac{r}{15}$ (3) $\frac{r}{10}$ (4) $\frac{r}{5}$

6. A particle starts from rest. Its acceleration at time t = 0 is 5 ms^{-2} which varies with time as shown in figure. The maximum speed of the particle will be :



(1) 2.5 ms^{-1} (2) 15 ms^{-1}

(3) 30 ms^{-1} (4) 7.5 ms^{-1}

7. An echo repeats four syllables. If it takes one-fifth of a second to pronounce or hear one syllable distinctly, the distance of reflecting surface from the source of sound is (velocity of sound = 340 m/s)

(1) 68 m (2) 340 m (3) 136 m (4) 17 m

8. The specific resistance of a wire is 'ρ', its volume is 3 m^3 and resistance is 3 Ω, then its length (in m) will be

(1) $\frac{1}{\sqrt{\rho}}$ (2) $\frac{3}{\sqrt{\rho}}$ (3) $\frac{\sqrt{3}}{\rho}$ (4) $\frac{\rho}{\sqrt{3}}$

9. A chain of 5 links, each of mass 0.1 kg, is lifted vertically with a constant acceleration 1.2 m/s^2. The force of interaction between the top link and the one immediately below it, is

(1) 1.1 N (2) 4.4 N (3) 3.3 N (4) 6.6 N

10. **Assertion :** A man who falls from a height on a cement floor receives more injury than when he falls from the same height on a heap of sand.

Reason : The impulse applied by a cement floor is less than the impulse by a sand floor.

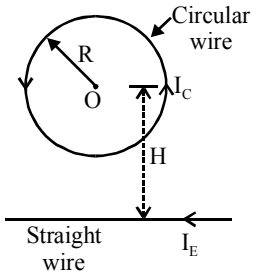
(1) Both assertion and reason are true and reason is the correct explanation of assertion.

(2) Both assertion and reason are true but reason is not the correct explaination of assertion.

(3) Assertion is true but reason is false.

(4) Both assertion and reason are false.

11. Circular loop of a wire and a long straight wire carry currents I_C and I_E respectively as shown in fig. below



Assuming both wires placed in a same plane, the magnetic field will be zero at the centre of the loop, when seperation 'H' is

(1) $\frac{I_E R}{I_C \pi}$ (2) $\frac{I_C R}{I_E \pi}$ (3) $\frac{\pi I_E}{I_C R}$ (4) $\frac{\pi I_C}{I_E R}$

12. The frequency of a charge particle circulating at right angles to a uniform magnetic field does not depend upon

(1) speed of particle

(2) mass of particle

(3) charge of particle

(4) magnetic field

13. The concept of potential energy exists

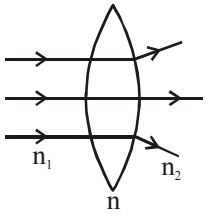
(1) only in the case of conservative forces.

(2) only in the case of non-conservative forces.

(3) in the case of both conservative and non-conservative forces.

(4) None of the above

14. A parallel beam of light falls on a convex lens. The path of the rays is shown in figure. It follows that



(1) $n_1 > n > n_2$

(2) $n_1 < n < n_2$

(3) $n_1 = n < n_2$

(4) $n_1 = n > n_2$

15. Number of groups present in the long form of the periodic table are.

(1) 16 (2) 9

(3) 2 (4) 18

16. Which of the following is a neutral oxide?

(1) NO (2) NO_2

(3) N_2O_5 (4) CO_2

17. Which pair is different from the other?

(1) Na – K (2) Li – Mg

(3) Ca – Mg (4) B – Al

18. If an acid having concentration as 0.01 N is diluted to 1000 times then the pH of that acid is ?

(1) 5 (2) 2

(3) 3 (4) 10

19. Consider the elements A, B, C and D with atomic numbers 6, 7, 14 and 15 respectively. Which of the following statements are correct concerning these elements?

I. D will lose electron more easily than C.

II. B will gain electron more easily than C.

III. The element with highest electronegativity is D.

IV. The element with largest atomic size is C.

(1) I and II (2) II and III

(3) II and IV (4) III and IV

20. Which one of the following is a mixture?

(1) Sugar (2) Air

(3) Common Salt (4) Liquid Oxygen

21. Natural gas mainly contains -

(1) Propane + Butane

(2) Ethane + Methane

(3) Nitrogen + Hydrogen

(4) Carbon monoxide + Hydrogen

22. A highly reactive element X is stored under water. It readily reacts with oxygen of air to give a compound Y which dissolves in water. The aqueous solution of Y changes blue litmus solution to red. The element X is

(1) Sodium (2) Sulphur

(3) Phosphorus (4) Potassium

23. The electronic configuration of an ion M^{2+} is 2, 8, 14. If its mass is 56, number of neutrons in its nucleus is
(1) 30 (2) 32 (3) 34 (4) 42

24. Graphite is very soft as compared to other substances because
(1) Carbon atoms are arranged in hexagonal structure
(2) Carbon atoms are arranged in such way that they form flat layers
(3) Linkages between atoms within a layer of graphite are weak
(4) Linkages between atoms of two layers are weak

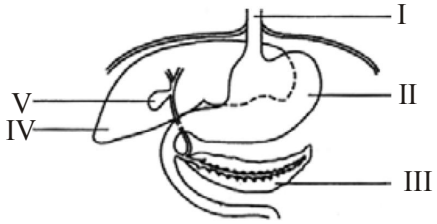
25. A sugar solution contains 15% sugar by weight. When the solution is heated, 40% sugar is left in the solution. The amount of water which has disappeared is
(1) 0.0625 g (2) 62.5 g
(3) 0.625 g (4) 6.25 g

26. Which of the following pairs of colloidal solutions have dispersed phase as liquid and dispersion medium as gas?
(1) Fog, mist (2) Butter, milk
(3) Fog, smoke (4) Smoke, foam

27. Which of the following properties generally decreases along a period?
(1) Ionization Energy (2) Metallic Character
(3) Electron Affinity (4) Valency.

28. Read the given paragraph.
Photosynthesis in plants consists of two phases: X and Y. Phase X requires light energy and occurs in grana of chloroplast whereas phase Y is light independent and occurs in stroma of chloroplast. Which of the following holds true regarding phases X and Y of photosynthesis?
(1) In phase X, light energy is used up in photolysis of water and molecular oxygen is evolved.
(2) In phase Y, synthesis of ATP and $NADPH_2$ takes place.
(3) ATP and $NADPH_2$ generated in phase Y is used up in phase X to convert CO_2 into carbohydrates.
(4) Phase X utilises carbon dioxide gas of atmosphere whereas phase Y evolves oxygen gas that escapes into atmosphere.

29. Refer to the given diagram which shows various parts of human digestive system labelled as I, II, III, IV and V.



Identify the organs and select the incorrect statement regarding them.
(1) Organ V is involved in storage of bile not its production.
(2) Organ II secretes digestive juice which contains mucus, hydrochloric acid and digestive enzymes.
(3) Organ IV is the largest gland of the body.
(4) Organ I is involved in the absorption of water from food.

30. The lymph serves to
(1) carry digested fats from the intestine
(2) return the WBCs and RBCs to the lymph nodes
(3) transport CO_2 to the lungs
(4) transport O_2 to the brain.

31. A girdled plant in which phloem is removed, may survive for some time but it will eventually die, because
(1) water will not move downwards
(2) water will not move upwards
(3) sugars and other organic materials will not move downwards
(4) sugars and other organic materials will not move upwards.

32. A nucleotide is composed of
(1) Nitrogenous base + Phosphate group
(2) Nitrogenous base + Sugar + Phosphate
(3) Nitrogenous base + Sugar
(4) Phosphate group + Sugar

33. The sequence in the cell cycle is
(1) S, G_1, G_2, M (2) S, M, G_1, G_2
(3) G_1, S, G_2, M (4) G_2, S, M, G_1

34. Pseudostratified epithelium is found in
(1) Testes
(2) Urinary bladder
(3) Wall of oesophagus
(4) Trachea

35. Which one of the four parts mentioned below does not constitute a part of a single nephron?
(1) Bowman's capsule
(2) Distal convoluted tubule
(3) Loop of Henle
(4) Collecting duct

36. Which of the following options correctly identifies artificial and natural methods of vegetative propagation?

	Artificial methods	**Natural methods**
(1)	Grafting	Cutting
(2)	Layering	Rhizomes
(3)	Bulbs	Tissue culture
(4)	Tubers	Rhizomes

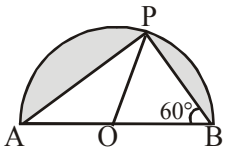
37. Which of the following glands in male reproductive system is unpaired?
(1) Seminal vesicles
(2) Bulbourethral gland
(3) Prostate gland
(4) Both (1) and (3)

38. Which one of the following can be listed as a triploblastic animal?
(1) Corals (2) Flatworms
(3) Sponges (4) Hydra

39. Why is the body of an AIDS patient unable to fight off even minor infections like common cold?
(1) The HIV virus is incapable of causing other minor infections.
(2) The HIV virus damages the immune system of the body.
(3) The AIDS patient is not allowed to take any medication.
(4) The body is busy fighting off the attack of the HIV virus.

40. High concentration of nutrients especially nitrates and phosphates in water can accelerate which of the following phenomenon?
(1) Algal bloom (2) Eutrophication
(3) Biomagnification (4) Both (1) and (2)

41. In the figure, a semi-circle with centre O is drawn on AB. The ratio of the larger shaded shaded area to the smaller shaded area is :-



(1) $\frac{4\pi-2\sqrt{3}}{2\pi-2\sqrt{3}}$ (2) $\frac{4\pi-3\sqrt{3}}{3\pi-3\sqrt{3}}$

(3) $\frac{4\pi-3\sqrt{3}}{2\pi-3\sqrt{3}}$ (4) $\frac{3\pi-2\sqrt{3}}{2\pi-2\sqrt{3}}$

42. When a natural number x is divided by 5, the remainder is 2. When a natural number y is divided by 5, the remainder is 4. The remainder is z when x + y is divided by 5. The value of $\frac{2z-5}{3}$ is
(1) –1 (2) 1 (3) –2 (4) 2

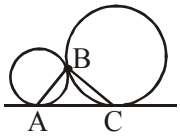
43. The number $107^{90}-76^{90}$ is not divisible by:-
(1) 61 (2) 93 (3) 183 (4) 69

44. Find number of zeros at the end of the value
$2^2 \times 5^5 \times 4^6 \times 10^6 \times 15^{12} \times 20^{16} \times 10^{18} \times 25^{20}$
(1) 48 (2) 70 (3) 88 (4) 98

45. If xyz + xy + yz + xz + x + y + z = 384, where x, y, z are positive integers, then find the value of x + y + z
(1) 20 (2) 17 (3) 25 (4) 15

46. If x and y are numbers such that $x^2+y^2=2$ and $x^3+y^3=-2$ then x + y
(I) –2 (II) $1+\sqrt{3}$ (III) $1-\sqrt{3}$
(1) Only (I) (2) Both (I) and (III)
(3) Both (I) and (II) (4) All (I), (II) and (III)

47. In figure AC is common tangent of two touching circles. If B is the touching point of both circles then $\angle ABC$ is equal to



(1) 120° (2) 150° (3) 135° (4) 90°

48. The ratio of cost price and marked price of an article is 2 : 3 and ratio of percentage profit and percentage discount is 3 : 2. What is the discount percentage ?

(1) 18.58% (2) 20.25%

(3) 16.66% (4) None of these

49. If the mean of a,b,c is M and ab + bc + ca = 0, the mean of a^2,b^2,c^2 is KM^2 then find the value of K =

(1) 1 (2) 2 (3) 3 (4) 4

50. Let ABC be an equilateral triangle. If the co-ordinates of A are (1,2) and co-ordinates of B are (2,–1), then which of the following is correct.

(1) C cannot lie in the first quadrant

(2) C cannot lie in the second quadrant

(3) C cannot lie in the third quadrant

(4) None of these

51. Each of the sides of a triangle is 8 cm less then the sum of its other two sides. Area of the triangle (in cm^2) is

(1) 8 (2) $8\sqrt{3}$ (3) 16 (4) $16\sqrt{3}$

52. The number of 3 digit numbers which end in 7 and are divisible by 11 is

(1) 2 (2) 4 (3) 6 (4) 8

53. The sum of first n terms of an AP is given by $S_n=(1+T_n)(n+2)$, wher T_n in the nth term of A.P. Then T_2 is :

(1) $-\frac{11}{6}$ (2) $\frac{-5}{3}$ (3) $\frac{5}{3}$ (4) 2

54. A cylinder of radius 6cm and height h cm is filled with ice cream. The ice cream is then distributed among 10 children in identical cones having hemispherical tops. The radius of the base of the cone is 3 cm and its height is 12 cm. Then the height h of the cylinder must be :

(1) $\frac{100}{7}$cm (2) 18 cm

(3) 15cm (4) $\frac{200}{11}$cm

55. A is 50% as efficient as B.C does half of the work done by A and B together. If C alone does the work in 40 days, then A, B and C together can do the work in :

(1) $13\frac{1}{3}$ days (2) 15 days

(3) 20 days (4) 30 days

56. The expression

$$\left(\frac{1}{2}+\frac{1}{3}+.....+\frac{1}{2008}\right)\left(1+\frac{1}{2}+\frac{1}{3}+.....+\frac{1}{2007}\right)-$$

$$\left(1+\frac{1}{2}+\frac{1}{3}+.....+\frac{1}{2008}\right)\left(\frac{1}{2}+\frac{1}{3}+....+\frac{1}{2007}\right)$$

simplifies to :

(1) 0 (2) $\frac{1}{2006}$ (3) $\frac{1}{2008}$ (4) $\frac{1}{2007}$

57. If (1+sin x) (1+sin y) (1+sin z) = (1–sin x) (1–sin y) (1–sin z) = k, then k has the value:

(1) ±cos x cos y cos z (2) ± sin x sin y sin z

(3) ± 3 sin x sin y sin z (4) None of these

58. If $x^by = 2x - 3y^2$, then the value of the expression $\left(\frac{1}{2}\right)^b.\frac{1}{\sqrt{3}}$ is

(1) 1 (2) 0

(3) –1 (4)–2

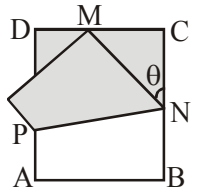
59. If $a_1, a_2, a_3, \ldots a_n$ are in A.P. and $a > 0$ for all i, then

$$\frac{1}{\sqrt{a_1}+\sqrt{a_2}}+\frac{1}{\sqrt{a_2}+\sqrt{a_3}}+\ldots..+\frac{1}{\sqrt{a_{n-1}}+\sqrt{a_n}}=$$

(1) $\frac{n}{\sqrt{a_1}+\sqrt{a_n}}$ (2) $\frac{n}{\sqrt{a_n}-\sqrt{a_1}}$

(3) $\frac{n-1}{\sqrt{a_1}+\sqrt{a_n}}$ (4) none of these

60.



Square ABCD is folded such that B coincides with M and N is taken such that CN : BN = 1 : 1. Find the value of θ.

(1) 45° (2) 15° (3) 30° (4) 0°

61. **Assertion :** South west monsoon start retreating from North to South, by the end of October.

Reason : North India is hotter than south India during the month from October to January.

Select the correct option from the given alternatives.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Both Assertion and Reason false

62. Which of the following is not a feature of the SEZs?

(1) These are formed to attract foreign companies

(2) They have world class facilities of electricity, water, roads, transportation etc.

(3) The companies in SEZ do not have to pay taxes.

(4) The SEZ are created by both central and state government.

63. Which of the following is not a feature of the functioning of the MNC's?

(a) Making joint venture with local companies

(b) Buying local companies

(c) Making the product in the domestic territory of the MNC.

(d) Placing orders in the local market.

(1) Only a (2) b and c

(3) Only c (4) c and d

64. Who appoints the judges of the Supreme Court and High Courts?

(1) President, according to his own wishes

(2) President, on the advice of the PM

(3) President on the advice of the PM in consultation with the Chief Justice of India

(4) None of the above

65. Main purpose of buffer stock scheme is

(1) To save food grains from pest attack

(2) To stop price fluctuations

(3) To meet the crisis of low production

(4) Both (2) and (3)

66. Choose the incorrect statement

(a) Social exclusion can be both a cause as well as a consequence of poverty in the usual sense

(b) Vulnerability to poverty is a measure which describe the greater probability of certain communities becoming or remaining poor in the coming years.

(c) A person is considered poor if his or her income or consumption level falls below a given 'minimum level' necessary to fulfill basic needs.

(1) Only (b) (2) All of these

(3) None of these (4) Both (a) and (c)

67. **Assertion :** Collateral is an asset that the borrower owns and uses, this as a guarantee the lender until the loan is repaid.

Reason : If the borrower fails to repay the loan, the lender has the right to sell the asset or collateral to obtain payment.

Select the correct option from given alternatives

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

68. **Assertion :** Population need not be considered a liability.

Reason : It can be turned into an asset by investment in human capital by spending resources on education and health for all.

Select the correct option from given alternatives.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

69. Choose the incorrect statement

(a) Unemployment is said to exist when people who are willing to work at the going wages cannot find jobs.

(b) Seasonal unemployment happens when people are not able find jobs during the whole year.

(c) When more than the required number of workers are working is the situation of disguised unemployment

(d) In case of urban area educated unemployment has become a common phenomenon.

(1) Only a and b (2) Only b

(3) All of these (4) None of these

70. Read the following statements and select the correct option.

(a) Evergreen forest is found in Kerala.

(b) Tropical deciduous forest is found in Odisha

(c) Dry deciduous forest is found in western MP

(1) Only (a) is correct

(2) Only (b) is correct

(3) Only (c) is correct

(4) (a), (b) and (c) are correct

71. **Assertion :** Bikaner has high diurnal range of temperature.

Reason : Bikaner is located far away from the sea.

Select the correct option from the given alternatives –

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

72. **Assertion :** People of J and K are covered in woolen clothes in winter season while people in Kerala are in lungi.

Reason : Both the states are situated in the same degree of longitudes.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

73. Match column I with column II. Choose the correct option given below.

Column-I (Peak)		Column-II (Hight mt.)	
(A)	Mt. Everest	(p	8598
(B)	Kanchenjunga	(q	8481
(C)	Makalu	(r)	8848
(D)	Dhaulagiri	(s)	8172

(1) A–p, B–r, C–s, D–q

(2) A–q, B–r, C–s, D–p

(3) A–s, B–r, C–q, D–p

(4) A–r, B–p, C–q, D–s

74. **Assertion :** Indian rivers on the western coast do not form delta though they bring along lots of sediments.

Reason : Tidal waves wash away sediments from the western coast.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

75. **Assertion :** Jute is considered a golden fibre in India.

Reason : Jute in its appearance is golden in colour.

Select the correct option from the given alternatives.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

76. Which of the following is/are the method of minimizing soil erosion?

(a) Shifting cultivation

(b) Construction of check dams

(c) Contour ploughing

(d) Afforestation

(1) a only (2) b, c and d

(3) b and d (4) d only

77. **Assertion :** Tank irrigation is most common and prevalent means of irrigation in peninsular India.

Reason : The terrain of the peninsular plateau is very uneven with many natural depressions.

Select the correct option from the given alternatives.

(1) Both Assertion and Reason are true and Reason is the correct explanation for Assertion.

(2) Both Assertion and Reason are true but Reason is not the correct explanation for Assertion.

(3) Assertion is true and Reason is false

(4) Assertion is false and Reason is true

78. The following is the list of multipurpose river projects in India

(a) Chambal

(b) Tungabhadra

(c) Bhakranangal

(d) Narmada

Which of the is the correct sequence of projects from North to South?

(1) b, c, d and a

(2) b, d, c and a

(3) c, a, d and b

(4) d only

79. Which one of the following groups, represents neighbouring countries of India?

(1) Afghanistan, Pakistan, Bangladesh, Sri Lanka

(2) Persia, Pakistan, Nepal, Maldives

(3) Burma, Bhutan, Tajikistan, China

(4) Malaysia, Burma, Nepal, Sri Lanka

80. Some statements are given below

(a) Shiwalik are range of low hills

(b) Shimla, Mussorie, Ranikhet and Nanital are famous hill stations of Greater Himalayas

(c) Mt. K2 is the highest peak in the world

(d) Karakoram and Mt. Kailash ranges are a part of Trans Himalayas.

Which of the above statements are true?

(1) a, b and c

(2) b and c

(3) a and d

(4) b, c and d

81. From whom could a humble Indian peasant borrow capital for growing food and other crops for the world market?

(1) From Indian bankers like Shikaripuri Shroffs and Nattukottai Chettiars.

(2) From traders and moneylenders like Hyderabadi Sindhis, who followed European coloniers into Africa.

(3) Both (1) and (2)

(4) None of these

82. **Statement-1 :** Along the way Rinderpest killed 90% of cattle

Statement-2 : The loss of cattle destroyed African livehoods.

Statement-3 : Control over the scarce resource of cattle enabled European coloniers to conquer and subdue Africa.

(1) Statement-1 is the conclusion for Statement-2 and 3

(2) Statement-2 is the conclusion for Statement-1 and 3

(3) Statement-3 is the conclusion for Statement-1 and 2

(4) None of the statement given concludes others

83. Find the correct match

An elle of textile material bought in ____ would get you _____.

(1) Frankfurt	64.7 cm of cloth
(2) Mainze	55.1 cm of cloth
(3) Nuremberg	55.6 cm of cloth
(4) Freiburg	43.5 cm of cloth

84. **Statement-I :** Nationalism, aligned with imperialism, led to Europe disaster in 1914

Statement-II : Many countries in the world which had been colonised by the European powers in the nineteenth century began to oppose imperial domination.

(1) Statement-I is true, Statement-II is false

(2) Statement-II is true, Statement-I is false

(3) Both are true and Statement-II is the correct explanation of Statement-I

(4) Both are true but Statement-II does not explain Statement-I

85. **Statement-1 :** In the Gudem Hills of Tamil Nadu a militant movement spread in the early 1910

Statement-2 : When the government began forcing them to contribute begar for palace building, the hill people revolted.

(1) Statement-1 is True, Statement-2 is True ; Statement-2 is a correct explanation for Statement-1

(2) Statement-1 is True, Statement-2 is True ; Statement-2 is NOT a correct explanation for Statement-1

(3) Statement-1 is True, Statement-2 is False

(4) Both statements are False

86. Match column I with column II. Choose the correct option given below.

Column-I		Column-II	
(A)	January 1921	(p)	UP peasants organised by Baba Ramchandra
(B)	1918-19	(q)	Non-cooperation and Khilafat movement launched
(C)	May 1924	(r)	Alluri Sitaram Raju arrested ending a two year armed tribal struggle
(D)	December 1931	(s)	Second Round Table Conference

(1) A–p, B–r, C–s, D–q

(2) A–q, B–p, C–r, D–s

(3) A–s, B–r, C–q, D–p

(4) A–r, B–s, C–q, D–p

87. Find out incorrect statement

(1) Britain had a 'trade surplus' with India.

(2) Britain used this surplus to balance its trade deficits with other countries

(3) India played a crucial role in the late 19th century world economy by helping Britain balance its deficits

(4) None of these

88. Arrange the following in correct chronological order

I. Unification of Italy

II. Unification of Germany

III. Greek struggle for independence begins

IV. Napoleon invaldes Italy

(1) IV, III, I, II (2) IV, II, I, III

(3) I, IV, II, III (4) I, II, IV, III

89. Which one of the following is not true regarding the Gandhi-Irwin pact of 1931?

(1) Mahatma Gandhi decided to call of the Civil Disobedience Movement

(2) Gandhi consented to participate in a Round Table conference

(3) The British government agreed to release the political prisoner

(4) The British government agreed to grant independence

90. Which of the following statements are true about the famous Enabling Act?

(a) It was passed on 28th February 1933

(b) Established dictatorship in Germany, gave Hitler all powers to sideline Parliament and rule by decree

(c) Indefinitely suspended civil rights like freedom of speech press and assembly that had been guaranteed by the Weimar constitution

(d) All political parties and trade unions were banned except for the Nazi party and its affiliales.

(e) The state established complete control over the economy, media, army and judiciary.

(1) a, b, c and d are correct

(2) b, c and e are correct

(3) b, d, e are correct

(4) a, b, c, d and e are correct

91. Which of the following statements are correct regarding Jacobin club?

I. Members belonged mainly to the rich sections of society.

II. Leader was Maximilian Robespierre.

III. They used to wear long striped trousers similar to those worn by dockworkers.

IV. They used to set themselves close to the fashionable sections of society.

V. Women wore Sans culottes in addition the red cap that symbolized liberty.

(1) I, II, III (2) II, III, V

(3) IV, V (4) II, III

92. An infamous film, which was made to create hatred for Jews was:
(1) The Essential Jew
(2) The Evergreen Jew
(3) The Eternal Jew
(4) The Emigrant Jew

93. Which of these features is not a guiding value of the Indian Constitution?
(1) No external power can dictate the Government of India
(2) The head of the state is a hereditary position.
(3) All people are equal before law
(4) Citizens have complete freedom to follow any religion

94. Match column I with column II. Choose the correct option given below.

Column-I Political Party		Column-II State it belong to	
(A)	Maharshtrawadi Gomantak Party	(p)	Karnataka
(B)	Rashtriya Janta Dal	(q)	Bihar
(C)	Janta Dal (Secular)	(r)	Haryana
(D)	Indian National Lok Dal	(s)	Goa

(1) A–p, B–r, C–s, D–q
(2) A–q, B–r, C–s, D–p
(3) A–s, B–q, C–p, D–r
(4) A–r, B–s, C–q, D–p

95. Candidate who is fighting elections in India has to make a legal declaration giving full details of
(a) Serious criminal cases pending against the candidate
(b) Details of the assets and liabilities of the candidate and his or her family.
(c) Educational qualifications of the candidates
(d) Public welfare work/programmes adopted by her/him.
(1) a, b and c are correct
(2) b, c and d are correct
(3) a, c and d are correct
(4) a, b, c and d all are correct

96. Identify the false statement/statements
(1) Any ordinary bill needs to be passed by both the houses essentially.
(2) But if there is a difference of opinion regarding Money Bill between the two houses the final decision is taken by the prime minister of the country.
(3) Once the Lok Sabha passes the budget of the government or any other money related law, the Rajya Sabha cannot reject it.
(4) The Rajya Sabha can delay a money bill by 14 days or suggest any change, which the Lok Sabha may or may not accept.

97. Match column I with column II. Choose the correct option given below.

Column-I		Column-II	
(A)	The worker is forced to render services to the master, free of charge or at a very nominal rate	(p)	Right to freedom of religion
(B)	Lakhs of people migrate from villages to towns in search of better opportunities.	(q)	Cultural and educational right
(C)	Religious practices which treat women as inferior or those that believe women's freedom are not allowed	(r)	Right to freedom
(D)	Telegu speaking people who are in minority in state of Karnataka are provided safety.	(s)	Right against exploitation.

(1) A–p, B–r, C–s, D–q
(2) A–q, B–r, C–s, D–p
(3) A–s, B–r, C–p, D–q
(4) A–r, B–s, C–q, D–p

98. Which of the following is not true regarding Self Help Groups?

(1) They have 15-20 members in a group.

(2) Saving per members varies from Rs.25 and Rs.100 or more.

(3) The group does not charge any interest on the loans taken by members.

(4) After a year or two if the group is regular in savings, it becomes eligible for availing loan from the bank.

99. Match column I with column II. Choose the correct option given below.

Column-I		Column-II	
(A)	Supervise the overall functioning of all political institutions in the country.	(p)	The Supreme Court
(B)	Distributes and redistributes work to all the ministers	(q)	The President
(C)	Minister may have different views but have to own responsibilities of every decision	(r)	The Prime Minister
(D)	Determines the constitutionality of any contentious action	(s)	The Cabinet

(1) A–p, B–r, C–s, D–q

(2) A–q, B–r, C–s, D–p

(3) A–s, B–r, C–q, D–p

(4) A–r, B–s, C–q, D–p

100. Identify the false statement

(a) Rulers elected by the people take all the major decisions

(b) Elections offer a choice and fair opportunity to the people to change the current rulers

(c) This choice and opportunity is available to all the people on an equal basis

(d) The exercise of this choice leads to a government limited by basic rules of the constitution and citizen's rights

(1) a and d

(2) a, b and c

(3) b and c

(4) None of these