

PRE-NURTURE DIVISION

SESSION: 2021-2022

NTSE

SCHOLASTIC APTITUDE TEST (SAT)

MOCK TEST-01

Medium: English

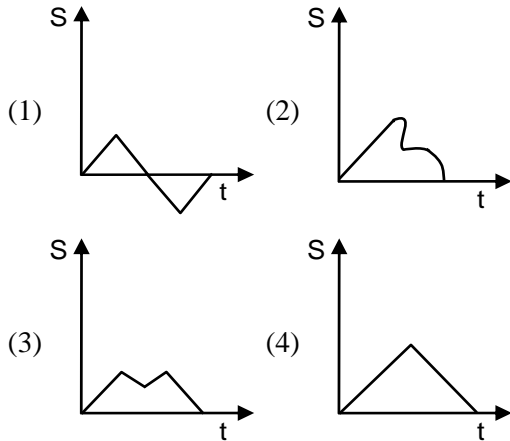
IMPORTANT INSTRUCTIONS

Do not open this test Booklet until you are asked to do so

1. Duration of test is 120 minutes and question paper contains 100 questions. Total marks are 100.
2. Answer 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 belong to Mathematics, 61 to 100 belong to Social Science.
4. Please follow instructions given on the OMR sheet for marking the answer.
5. Mark your answer for question 1-100 on the OMR sheet by darkening the circles
6. If you do not know the answer to any question, do not waste time on it and pass on to the next one. If time permits, you can come back to the questions, which you have left in the instance and attempt them.
7. Since the time allotted for this question paper is very limited, you should make the best of it by not spending too much time on any one question.
8. Rough work can be done anywhere in the booklet but not on the OMR sheet/ loose paper.
9. Every correct answer will be awarded one mark. There is no negative marking
10. Please return the Test-Booklet and OMR sheet to the invigilator after the test.

PHYSICS

Q.1 Which of the following distance (s)–time (t) graphs is NOT possible ?



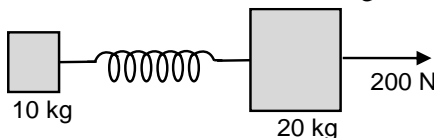
Q.2 A convex mirror of focal length f produces an image $\left(\frac{1}{n}\right)^{\text{th}}$ of the size of the object. Then the distance of the object from the mirror is

- (1) nf (2) $(n + 1)f$
(3) $(n - 1)f$ (4) $\left(\frac{n}{n + 1}\right)f$

Q.3 If the distance between the sun and the earth is increased by three times then attraction between the two will

- (1) increase by 89% (2) decrease by 89%
(3) decrease by 63% (4) remain constant

Q.4 The masses of 10 kg and 20 kg respectively are connected by a massless spring. A force of 200 N acts on the 20 kg mass. At the instant shown, the 10 kg mass has an acceleration of 12 m/s^2 , what is the acceleration of 20 kg mass ?



- (1) 12 ms^{-2} (2) 4 ms^{-2}
(3) 10 ms^{-2} (4) none of these

Q.5 When linear momentum of a body becomes n times, its kinetic energy becomes

- (1) $\frac{1}{n}$ times (2) $\frac{1}{n^2}$ times
(3) n^2 times (4) n^3 times

Q.6 A machine gun has a mass 4 kg. It fires 50 g bullets at the rate of 30 bullets per minute at a speed of 400 m/s. What force is required to keep the gun in position ?

- (1) 5 N (2) 10 N (3) 20 N (4) 40 N

Q.7 A convex lens of focal length f produces a real image m times the size of an object, then the distance of the object from the lens is

- (1) $(m + 1)f$ (2) $(m - 1)f$
(3) $\left(\frac{m + 1}{m}\right)f$ (4) $\left(\frac{m - 1}{m}\right)f$

Q.8 A magnetic field

- (1) always exerts a force on a charged particle
(2) never exerts a force on a charged particle
(3) exerts a force, if the charged particle is moving along the magnetic field lines
(4) exerts a force, if the charged particle is moving across the magnetic field lines

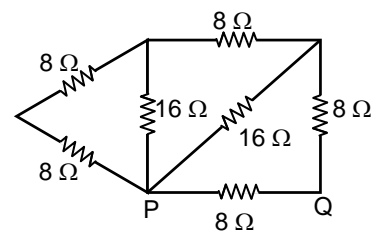
Q.9 If the lines of magnetic induction in a region are crowded together, the magnetic field strength in that region will be

- (1) weak (2) strong
(3) infinite (4) zero

Q.10 Three resistance each of 4Ω are connected in the form of an equilateral triangle. The effective resistance between any two corner is

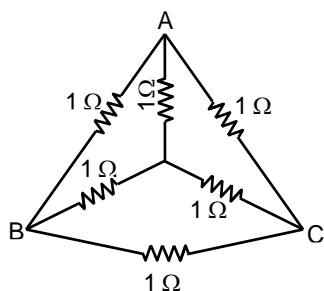
- (1) 8Ω (2) 12Ω (3) $\frac{8}{3} \Omega$ (4) $\frac{3}{8} \Omega$

Q.11 What is the equivalent resistance across PQ in the following network ?



- (1) $\frac{8}{3} \Omega$ (2) $\frac{16}{3} \Omega$
(3) 12Ω (4) 64Ω

Q.12 Six equal resistances, each 1Ω , are joined to form a network as shown in fig. Then the resistance between any two corners is



- (1) 0.5Ω (2) 2Ω (3) 1Ω (4) 1.5Ω

- Q.13 Producer gas is a mixture of
 (1) carbon monoxide and nitrogen gas
 (2) carbon monoxide and hydrogen gas
 (3) carbon monoxide and water vapour
 (4) carbon monoxide and nitrous oxide

CHEMISTRY

- Q.14 Tails of comets are visible due to
 (1) Tyndall Effect
 (2) Reflection
 (3) Brownian movement
 (4) None of these
- Q.15 Out of the following, which is the incorrect statement?
 (1) Adsorption is always an exothermic process
 (2) The soap solution is not a colloidal solution below its CMC.
 (3) 'Argyrol' used in eye – lotion is a colloidal solution
 (4) Gold number is the number of moles of gold formed in anode mud during copper refining.
- Q.16 Arrange the following in increasing of their intermolecular force of attraction
 (i) Salt (ii) Water
 (iii) Carbon dioxide (CO_2)
 (1) (iii) < (ii) < (i) (2) (i) < (ii) < (iii)
 (3) (ii) < (iii) < (i) (4) (iii) < (i) < (ii)
- Q.17 At 283 K, a saturated solution of solid X can be prepared by dissolving 21.0 g of it in 100 g of water. The maximum amount of X which can be dissolved in 100 g of water at 313 K is 62.0 g. An attempt is made to dissolve 50.0 g of X in 100 g of water at 313 K.
 A. All the 50.0 g of X will dissolve at 313 K.
 B. At 313 K, 29.0 g of X will remain undissolved
 C. Solubility of X decreases with increases of temperature
 D. On cooling the solution of X from 313 K to 283 K more than 21.0 g of X will crystallize out.
 Which of the above statements are correct?
 (1) A and B (2) A and D
 (3) B and C (4) A, C and D
- Q.18 Which of the following pairs of substances illustrate the law of multiple proportions?
 (i) CO , CO_2 (ii) H_2O , D_2O
 (iii) N_2O , NO (iv) NaCl , NaI
 Select the correct answer using the codes given below:
 (1) (i) and (ii) (2) (ii) and (iii)
 (3) (ii) and (iv) (4) (i) and (iii)
- Q.19 In a chemical reaction, A combines with B to form AB with C to form A_2C . What would be obtained if B and C combine together?
 (1) B_2C (2) BC (3) BC_2 (4) B_3C
- Q.20 A mixture of non reacting gases contains hydrogen and oxygen gases in the mass ratio of 1:4 respectively. What will be the molar ratio of the above two gases in the mixture?
 (1) 16:1 (2) 1:4 (3) 4:1 (4) 1:6
- Q.21 A hydrocarbon has a molecular formula as C_6H_{12} . It does not react with hydrogen to give C_6H_{14} nor does it react with chlorine to give $\text{C}_6\text{H}_{12}\text{Cl}_2$. The hydrocarbon C_6H_{12} is
 A. A saturated hydrocarbon
 B. An unsaturated hydrocarbon
 C. An open chain hydrocarbon
 D. A cycloalkane
 (1) A and B (2) C and D
 (3) D and B (4) A and D

- Q.22 In the soap micelles :
- (1) the ionic end of soap is on the surface of the cluster while the carbon chain is in the interior of the cluster.
 - (2) ionic end of soap is in the interior of the cluster and the carbon chain is out of the cluster.
 - (3) both ionic end and carbon chain are in the interior of the cluster
 - (4) both ionic end and carbon chain are on the exterior of the cluster

- Q.23 Magnesium ribbon is rubbed with sand paper before making it to burn. The reason of rubbing the ribbon is to:
- (1) remove moisture condensed over the surface of ribbon.
 - (2) generate heat due to exothermic reaction.
 - (3) remove magnesium oxide formed over the surface of magnesium.
 - (4) mix silicon from sand paper (silicon dioxide) with magnesium for lowering ignition temperature of the ribbon.

- Q.24 Increasing order of atomic radii is
- (1) $Ca < Na < Mg$ (2) $Mg < Ca < Na$
 - (3) $Mg < Na < Ca$ (4) $Na < Mg < Ca$
- Q.25 Which of the following represents the correct order of the acidic strength for equimolar aqueous solutions of HCl, H_2SO_4 , NH_4OH and NaOH
- (1) $HCl < NH_4OH < NaOH < H_2SO_4$
 - (2) $NH_4OH < NaOH < H_2SO_4 < HCl$
 - (3) $HCl < H_2SO_4 < NH_4OH < NaOH$
 - (4) $NaOH < NH_4OH < HCl < H_2SO_4$
- Q.26 An element X reacts with dilute H_2SO_4 as well as with NaOH to produce salt and $H_2(g)$. Hence, it may be concluded that:
- (i) X is an electropositive element.
 - (ii) oxide of X is basic in nature.
 - (iii) oxide of X is acidic in nature.
 - (iv) X is an electronegative element.
- (1) (i), (ii), (iii) (2) (iv), (i), (ii)
 - (3) (iii), (iv), (i) (4) (ii), (iii), (iv)

BIOLOGY

- Q.27 Match the following :

Column - I		Column - II	
a.	Amphibians	(i)	80 mm of Hg
b.	Pyruvate	(ii)	3-chambered heart
c.	Fish	(iii)	3-carbon molecule
d.	Diastolic pressure	(iv)	120 mm of Hg
e.	Systolic pressure	(v)	2-chambered heart

- (1) a(ii), b(iii), c(v), d(i), e(iv)
- (2) a(ii), b(iii), c(iv), d(i), e(v)
- (3) a(iii), b(ii), c(v), d(i), e(iv)
- (4) a(i), b(iii), c(v), d(ii), e(iv)

- Q.28 Relay neurons are found in which part of the nervous system ?
- (1) Central nervous system
 - (2) Peripheral nervous system
 - (3) Autonomous nervous system
 - (4) Cranial nerves only

- Q.29 Which of the following set of organisms are not unicellular ?
- (1) Leishmania and Yeast
 - (2) Amoeba and Plasmodium
 - (3) Plasmodium and Leishmania
 - (4) Penicillium and Spirogyra
- Q.30 A chromatid is made up of
- (1) DNA
 - (2) DNA + histone proteins
 - (3) RNA
 - (4) RNA + histone proteins
- Q.31 Pepsin differs from trypsin, because it digests
- (1) Proteins in acidic medium in duodenum
 - (2) Proteins in alkaline medium in duodenum
 - (3) Proteins in acidic medium in stomach
 - (4) Proteins in alkaline medium in stomach
- Q.32 Which of the following is not a characteristic of cells providing immunity to the body ?
- (1) Diapedesis
 - (2) Phagocytosis
 - (3) Definite shape
 - (4) Leucocytosis during infection

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Q.33 Which of the following organs contains smooth muscles ?
 (1) Iris of eye (2) Uterus
 (3) Bronchi (4) All of the above

Q.34 If the embryonic cells are divided into two groups 8 days after the zygote formation then there is high possibility of formation of
 (1) genetically different twin girls
 (2) Siamese twins
 (3) genetically different twin boys
 (4) genetically different one boy, one girl

Q.35 Rate of breathing in an aquatic organism
 (1) Is much slower than that seen in terrestrial organism
 (2) Is much faster than that seen in terrestrial organism
 (3) Is not related to that of terrestrial organism
 (4) Equals to that seen in terrestrial organism

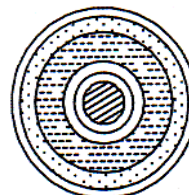
Q.36 Which of the following disease is only due to external causes ?
 (1) Diabetes (2) Arthritis
 (3) Jaundice (4) Cataract

Q.37 In one experiment showing Mendelian inheritance, a tall pea plant with purple flowers. All the progeny in the next generation was seen to have purple flowers but half of them were short. What will be the genetic makeup of tall parent ?
 (1) TTPP (2) TtPP
 (3) TTpp (4) TtPp

Q.38 ILS-82 and B-77 breeds are of following.
 (1) Cow (2) Fowl
 (3) Pig (4) Buffalo

Q.39 The abundant animal protein is
 (1) collagen (2) fibrinogen
 (3) globulin (4) albumin

Q.40



The type of coelom depicted above occurs in which of the following organisms ?

- (1) Spongila, Wuchereria, Echinus and Aphrodite
- (2) Nereis, Echinus, Mystus and Draco
- (3) Ascaris, Antedon, Pila and Bufo
- (4) Canis, Sycon, Hydra and Planaria

MATHEMATICS

Q.41 When the repeating decimal 0.45454545..... is written in simplest fractional form, the sum of the numerator and denominator is :
 (1) 5 (2) 11 (3) 55 (4) 16

Q.42 If $4^x - 4^{x-1} = 24$, then the value of $(2x)^x$ equals:
 (1) $5\sqrt{5}$ (2) $\sqrt{5}$ (3) $25\sqrt{5}$ (4) 25

Q.43 If α, β are the zeroes of $x^2 - 6x + k = 0$. What is the value of k if $3\alpha + 2\beta = 20$.
 (1) -16 (2) 8 (3) -2 (4) -8

Q.44 One of the two students, while solving a quadratic equation in x, copied the constant term incorrectly and got the roots 3 and 2. The other copied the constant term and coefficient of x^2 correctly as -6 and 1 respectively. The correct roots are :
 (1) 3, -2 (2) -3, 2 (3) -6, -1 (4) 6, -1

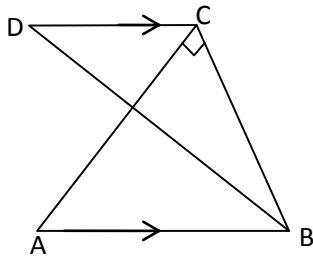
Q.45 If 50% of $(x - y) = 30\%$ of $(x + y)$, then what percent of x is y ?
 (1) 10% (2) 15% (3) 25% (4) 50%

Q.46 If sum of n terms of a sequence is given by $S_n = 2n^2 + 3n$, find its 50th term.
(1) 250 (2) 225 (3) 201 (4) 205

Q.47 The ratio of the number of boys and girls in a school is 3 : 2. If 20% of the boys and 25% of the girls are scholarship holders, what percentage of the students does not get scholarship?
(1) 56% (2) 70% (3) 78% (4) 80%

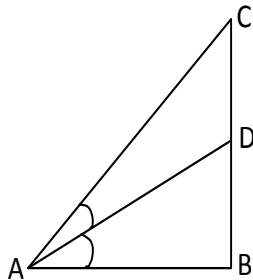
Q.48 An article is sold at a certain price. By selling it at $\frac{2}{3}$ of that price one loses 10%. Find the gain percent at original price.
(1) 31% (2) 23% (3) 35% (4) 45%

Q.49 In the figure given, $\triangle ABC$, is a right isosceles triangle with right angle at C . CD is parallel to AB and $BD = BA$. The degree measure of $\angle DBC$ equals:



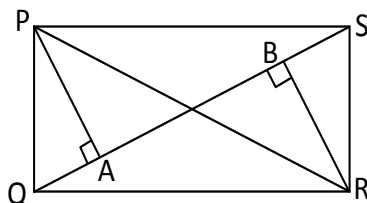
- (1) 10 (2) 15 (3) 20 (4) 25

Q.50 If $CD = 15$, $DB = 9$, AD bisects $\angle A$, $\angle ABC = 90^\circ$, then AB has length :



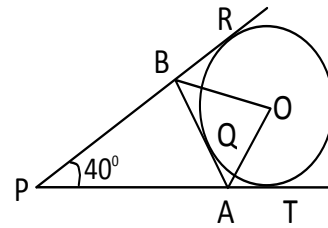
- (1) 32 (2) 18 (3) 7 (4) 24

Q.51 In the figure, PQRS is a rectangle, which one is true ?



- (1) area of $\triangle APS =$ area of $\triangle QRB$
(2) $PA = RB$
(3) area of $\triangle PQS =$ area of $\triangle QRS$
(4) all of these

Q.52 Triangle PAB is formed by three tangents to circle O and $\angle APB = 40^\circ$, then angle AOB



- (1) 45° (2) 50° (3) 60° (4) 70°

Q.53 The radius of a wire is decreased to one-third. If volume remains the same, the length will become :

- (1) 1 time (2) 3 times
(3) 6 times (4) 9 times

Q.54 The median of the following distribution is :

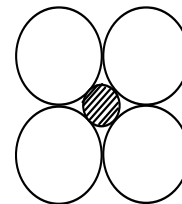
Class interval	35-45	45-55	55-65	65-75
Frequency	8	12	20	10

- (1) 56.5 (2) 57.5 (3) 58.7 (4) 59

Q.56 A card is drawn from a pack of 52 cards. A card is drawn at random. What is the probability that it is neither a heart nor a king ?

- (1) $\frac{4}{13}$ (2) $\frac{9}{13}$ (3) $\frac{2}{13}$ (4) $\frac{4}{13}$

Q.56 In the adjoining figure, the radius of the inner circle, if other circles are of radii 1 m, is :



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

Q.57 The coordinates of the point which divides the line segment joining the points $(-7, 4)$ and $(-6, -5)$ internally in the ratio 7 : 2 is :

- (1) $(\frac{56}{9}, 3)$ (2) $(-\frac{56}{9}, -3)$
(3) $(-\frac{61}{9}, 2)$ (4) $(\frac{61}{9}, -2)$

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Q.58 If $x = a \sec \theta + b \tan \theta$, $y = a \tan \theta + b \sec \theta$, then :

- (1) $x + y = a + b$ (2) $x - y = a - b$
(3) $x^2 + y^2 = a^2 + b^2$ (4) $x^2 - y^2 = a^2 - b^2$

Q.59 A cistern can be filled in 9 hr but it takes 10 hr due to a leak. In how much time will the leak empty the full cistern ?

- (1) 70 hr (2) 80 hr (3) 90 hr (4) 100 hr

Q.60 Given $3x - 4y = 7$ and $x + cy = 13$, for what value of "c" will the two equation not have a solution?

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

SOCIAL SCIENCE

Q.61 Which of the following statements is not true of mass production?

- (1) Lowered cost and prices of goods
(2) Stress-free working
(3) Increased output per worker
(4) Assembly-line production

Q.62 Nineteenth century 'Indenture' has often been described as

- (1) Forced conscription
(2) New system of slavery
(3) Serfdom
(4) None of the above

Q.63 Different arguments are usually put forth in favour of and against power sharing. Identify those which are in favour of power sharing and select the answer using the codes given below.

- Power sharing
(I) Reduces conflict among different communities
(II) Decreases the possibility of arbitrariness
(III) Delays decision-making process
(IV) Accommodates diversities
(V) Increases instability and divisiveness
(VI) Promotes people's participation in government
(VII) Undermines the unity of a country
(1) I,II,IV,VI (2) I,III,V,VI
(3) I,II,IV,VII (3) II,III,IV,VII

Q.64 Consider the following two statements on power sharing and select the answer using the codes given below :

- (I) Power sharing is good for democracy
(II) It helps to reduce the possibility of conflict between social groups.
(1) I is true but II is false
(2) Both I and II are true
(3) Both I and II are false
(4) I is true but II is true

Q.65 Consider the following statements about power sharing arrangements in Belgium and Sri Lanka.

- A. In Belgium, the Dutch-speaking majority people tried to impose their domination on the minority French-speaking community.
B. In Sri Lanka, the policies of the government sought to ensure the dominance of the Sinhala speaking majority.
C. Tamils in Sri Lanka demanded a federal arrangement of power sharing to protect their culture, language and equality of opportunity in education and jobs.
D. The transformation of Belgium from unitary government to a federal one prevented a possible division of the country on linguistic lines.

Which of the statements given above are correct?

- (1) A, B, C and D (2) A, B and D
(3) C and D (4) B, C and D

Q.66 Difference between democratic and non-democratic government is

- (A) Democratic government respond to the needs of the people
(B) Non-democratic government does not respond to the needs of the people
(C) Non-democratic government is elected by UN members of the country
(D) Democratic government is a military rule
(1) A & C (2) B & C (3) A & B (4) C & D

Q.67 Consider the following statement and choose the correct option

Statement I : Humus content is less in Laterite soils.

Statement II : Red laterite soils are suitable for crops of cashewnut.

Statement III : Laterite soils are found in Kerala and Tamil Nadu.

- (1) Statement I and Statement II are true, but Statement III is false.
- (2) Statement II and Statement III are true, but Statement I is false
- (3) Statement I and Statement III are true, but Statement II is false
- (4) All the three statement are true.

Q.68 Which of the following statement represent characteristics of black soil?

- (A) It develops cracks during hot weather
 - (B) Iron content present in this soil turns into oxide due to diffusion.
 - (C) It's made of fine clay particles.
 - (D) It retains moisture for long.
- (1) A and C only (2) A, B and C only
(3) C and D only (4) A, C and D only

Q.69 Which among the following is not correctly matched in relation to the symbols of the French Revolution?

	(Attribute)		(Significance)
(1)	Broken Chains	-	Being freed
(2)	Breast plate with eagle	-	Willingness to make peace
(3)	Sceptre	-	Symbol of royal power
(4)	The winged woman	-	Personification of the law

Q.70 The French Revolution led to the formation of National Assmby. Which statement is incorrect about the National Assembly?

- (1) It abolished the feudal system of obligations and taxes
- (2) It confiscated the land owned by the churches
- (3) It abolished slavery in France
- (4) It drafted the constitution

Q.71 Ordinary dust storm took the form of the Black Blizzard in U.S. plains in 1930 because

- (1) The entire ploughed landscape was stripped of all grass which earlier held the land together
- (2) There was no rainfall in the region for a very long time
- (3) The whole plain was an arid zone without much vegetation
- (4) The area faced heavy flooding

Q.72 The peninsular part to India experiences peak summer earlier than northern India

- (1) Due to apparent northward movement of the sun, the global heat belts shift northwards.
- (2) Cold waves from central Asia sweeps through the northern plains during that time.
- (3) There is less rainfall in peninsular India during that time.
- (4) Clouds do not form in those months.

Q.73 Match List I with List II and select the correct answer by using codes given by the list

List I		List II	
A	Coal	(i)	Kudremukh
B	Copper	(ii)	Zawar
C	Iron Ore	(iii)	Khetri
D	Silver	(iv)	Talchar

- (1) A-i, B-ii, C-iii, D-iv
- (2) A-iv, B-iii, C-i, D-ii
- (3) A-iii, B-ii, C-i, D-iv
- (4) A-i, B-iv, C-iii, D-ii

Q.74 Most of the jute mills are located along the banks of Hugli river because of

- (1) Proximity of the jute producing areas lying mainly in the basin of the Hugli river
- (2) Inexpensive water transport available
- (3) Abundance of fresh-water for producing raw jute
- (4) All of the above

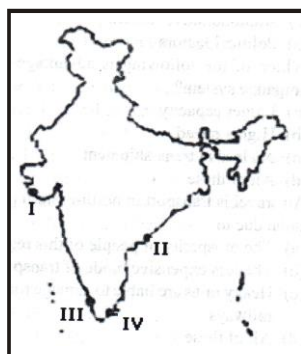
Q.75 When and between which two stations did the first train of India steam off?

- (1) Kolkata to Raniganj, 1874
- (2) Mumbai to Thane, 1853
- (3) Mumbai to Ahmedabad, 1854
- (4) Chennai to Arkonam, 1856

- Q.76 The society which facilitated setting up of grain banks in different regions is
- (1) Amul (Gujarat)
 - (2) Academy of Development Science (Maharashtra)
 - (3) Mother Dairy (Delhi)
 - (4) None of the above

- Q.77 Match the fishing ports indicated on the map of India (I, II, III and IV) with their respective names.

- | | |
|--------------|--------------|
| A. Kakinda | B. Alapuzha |
| C. Porbandar | D. Tuticorin |



- (1) II-A, III-B, I-C, IV-D
- (2) I-A, II-B, III-D, IV-C
- (3) I-C, II-B, III-A, IV-D
- (4) I-D, II-B, III-A, IV-C

- Q.78 Which of the following is not an instance of an exercise of a Fundamental Right?

- (1) Workers from Bihar go to Punjab to work on the farms
- (2) Parents' property is inherited by their children
- (3) Christian mission sets up a chain of missionary schools
- (4) Religion is not taken into consideration during admission in schools

- Q.79 What was the reason given by America for imprisoning people at Guantanamo Bay?

- (1) They had been caught spying.
- (2) They were planning to kill the US President.
- (3) They were planning to set up a Communist government in U.S.A.
- (4) America considered them as enemies and linked them to the attack on New York on 11th September, 2001.

- Q.80 Choose the correct response from the given options. On 3rd march 1933, the famous Enabling Act was passed to:

- I. Establish dictatorship in Germany
 - II. Give Hitler the power to rule by decree
 - III. Ban all trade unions
 - IV. Ban all political parties and their affiliates
- (1) Only I and II are correct
 - (2) Only III and IV are correct
 - (3) I, II and III are correct
 - (4) Only IV is correct

- Q.81 Consider the following statements and identify the correct response from the options given thereafter:

Statement I : Nazism became a mass movement after the Great Depression.

Statement II : After 1929, banks collapsed and businesses shut down, workers lost their jobs and the middle classes were threatened with destitution.

- (1) Statement I is false and Statement II is true
- (2) Statement I is true and Statement II is false
- (3) Both Statement I and Statement II are true and Statement II is the correct explanation of Statement I
- (4) Both Statement I and Statement II are true but Statement II is not the correct explanation of Statement I

- Q.82 Which factors are responsible for miserable and poor conditions of women in India?

- I. Sexual division of labour
- II. Illiteracy
- III. Lack of representation in politics
- IV. Discrimination in Jobs.

- (1) Only I and III
- (2) Only I, II and III
- (3) Only II, III and IV
- (4) All I, II, III and IV

- Q.83 Arrange the following Himalayan peaks in order as they occur from West to East

1. Kanchenjunga
2. Mt Everest
3. Nanda Devi
4. Dhaulagiri

- (1) 1, 2, 3, 4
- (2) 1, 2, 4, 3
- (3) 3, 2, 1, 4
- (4) 3, 4, 2, 1

Q.84 Match the following

List - I		List - II	
(A)	Antodaya Cards	(1)	Below Poverty Line
(B)	BPL Cards	(2)	Above Poverty Line
(C)	APL Cards	(3)	Below Poverty Line
(D)	Yellow Cards	(4)	Poorest of the poors

Codes	A	B	C	D
(1)	4	3	2	1
(2)	1	2	3	4
(3)	3	4	1	2
(4)	3	4	2	1

Q.85 Match the following

List - I		List - II	
(A)	Public Distribution System	(1)	Indigent senior citizens
(B)	Revamped Public Distribution System	(2)	Differential policy of poor and non-poor
(C)	Targeted Public Distribution System	(3)	Remote and backward areas
(D)	Annapurna Scheme	(4)	Ensuring food security

Codes	A	B	C	D
(1)	4	3	2	1
(2)	1	2	3	4
(3)	3	4	1	2
(4)	3	4	2	1

Q.86 Which kind of laws is considered the best for democratic reforms?

- (1) Laws that empower people to carry out democratic reforms
- (2) Laws for the politicians and government servants
- (3) Laws for the students and teachers
- (4) None of the above

Q.87 Given below are two statements, one labeled as Assertion (A) and the other labeled as Reason (R)

Assertion (A) : Since 1981, growth rate of population in India has started declining gradually.

Reason (R) : Birth rate is declining.

Select the correct option from the given alternatives.

- (1) Both A and R are true but R is not the correct explanation of A.
- (2) Both A and R are false.
- (3) A is false and R is true.
- (4) Both A and R are true and R is the correct explanation of A.

Q.88 The distribution of the working population according to the occupations they are engaged in is referred to as the

- (1) Functional structure
- (2) Occupational structure
- (3) Population structure
- (4) None of the above

Q.89 Which of the following statements truly defines the word census?

- (1) An official enumeration of working population
- (2) An official enumeration of population done periodically
- (3) An enumeration of population of one community
- (4) Religion based enumeration of population

Q.90 Match the following columns:

Column-I		Column-II	
(a)	Turnip and clover	(i)	Wheat producing area
(b)	Bread basket	(ii)	Tough roots
(c)	Great Planis	(iii)	China
(d)	Prairie	(iv)	Special Commissioner of China
(e)	Lin Ze-Xu	(v)	Increase nitrogen content in soil
(f)	Canton port	(vi)	USA

- (1) a(ii), b(v), c(iv), d(iii), e(vi), f(i)
- (2) a(v), b(vi), c(i), d(iii), e(ii), f(iv)
- (3) a(i), b(v), c(iv), d(iii), e(ii), f(vi)
- (4) a(v), b(i), c(vi), d(ii), e(iv), f(iii)

Q.91 Match the following columns:

Column-I		Column-II	
(a)	Baigas	(i)	Criminal tribes, Madras
(b)	Korava, Koracha, Yerukula	(ii)	Amazon, for rubber
(c)	Santhals	(iii)	Jharkhand
(d)	Putumayo region	(iv)	Forced labour of local Indians
(e)	Huitoto	(v)	Central India
(f)	Oraons	(vi)	Assam

- (1) a(v), b(i), c(vi), d(ii), e(iv), f(iii)
- (2) a(iii), b(i), c(vi), d(ii), e(iv), f(v)
- (3) a(v), b(iii), c(vi), d(ii), e(iv), f(i)
- (4) a(ii), b(i), c(vi), d(v), e(iv), f(iii)

Q.92 What is the correct order of stages in election process?

- (i) Election campaign
 - (ii) Nomination of candidates
 - (iii) Polling
 - (iv) Preparation of voters lists
 - (v) Counting of Votes
- (1) (i), (ii), (iii), (iv), (v)
 (2) (ii), (i), (iii), (iv), (v)
 (3) (iv), (ii), (i), (iii), (v)
 (4) (i), (ii), (iv), (iii), (v)

Q.93 Match the following columns:

Column-I		Column-II	
(a)	Election in India is democratic because of	(i)	By-election
(b)	A sheet of paper for recording votes	(ii)	General elections
(c)	Elections held to fill vacancy caused by death or resignation of a member	(iii)	Ballot Paper
(d)	Election held after completion of the term of the house	(iv)	EC, popular participation and acceptance of election outcome

- (1) a(iv), b(iii), c(i), d(ii)
 (2) a(i), b(ii), c(iii), d(iv)
 (3) a(iii), b(ii), c(i), d(iv)
 (4) a(iv), b(i), c(iii), d(ii)

Q.94 Match the following Columns:

Column-I		Column-II	
(a)	President	(i)	Law-making body
(b)	Prime Minister	(ii)	Head of the state
(c)	Parliament	(iii)	Interprets the constitution
(d)	Judiciary	(iv)	Head of the government

- (1) a(iv), b(ii), c(iii), d(iv)
 (2) a(iv), b(iii), c(ii), d(i)
 (3) a(ii), b(iv), c(i), d(iii)
 (4) a(ii), b(iii), c(iv), d(i)

Q.95 Match the following Columns:

Column-I		Column-II	
(a)	Political leaders	(i)	Assists the Cabinet
(b)	Civil Servants	(ii)	Political executive
(c)	Rajya Sabha	(iii)	Permanent executive
(d)	Ministers of State	(iv)	Part of the Parliament

- (1) a(ii), b(i), c(iii), d(iv)
 (2) a(iv), b(iii), c(ii), d(i)
 (3) a(ii), b(iv), c(i), d(iii)
 (4) a(ii), b(iii), c(iv), d(i)

Q.96 Which one of the following groups of states has the largest number of cotton textile centers?

- (1) Gujarat and Maharashtra
 (2) Karnataka and Tamil Nadu
 (3) Maharashtra and Madhya Pradesh
 (4) Uttar Pradesh and Gujarat

Q.97 While globalisation has benefited most of the groups, it has been a disadvantage for

- (1) Many small producers and workers who have suffered as a result of the rising competition
 (2) Cheap labour working in small firms
 (3) Indian producers and workers who are not well educated and skilled
 (4) All of the above

Q.98 MNCs work in several countries to realise the benefits of globalisation. In fact, they can help the developing countries to

- I. Absorb domestic labour, especially in skilled jobs
 II. Increase productivity through foreign technology and innovative methods of production

III. Reduce balance of payments deficit

Select the correct combination

- (1) I and II only
 (2) II and III only
 (3) I, II and III
 (4) None of the above

- Q.99 COPRA propose formation of
- (1) High Court, State Consumer Court and District Consumer court
 - (2) National Consumer Court, State Consumer Court and District Consumer Court
 - (3) National Consumer Court, State Consumer Court and Supreme Consumer Court
 - (4) None of the above

Q.100 Match the following

Group (A)		Group (B)	
A	Flexible or Floating exchange Rate	(i)	These rates fluctuate depending on demand and supply of currencies in foreign exchange markets, in principle without interference by governments.

B	Temperance Movement	(ii)	A largely middle-class-by social reform movement which emerged in Britain and America from the 19th century onwards. It identified alcoholism as the cause of the ruin of families and society, and aimed at reducing the consumption of particularly amongst the working class.
C	Fatwa	(iii)	A form of Representation through writing, drawing, painting, etc. that provides a criticism of society in a manner that is with and clever
D	Satire	(iv)	A legal pronouncement on Islamic law usually given by a mufti (legal scholar) to clarify issues on which the law is uncertain

- (1) A – (i), B – (ii), C – (iv), D – (iii)
- (2) A – (iii), B – (ii), C – (iv), D – (i)
- (3) A – (iv), B – (i), C – (iii), D – (ii)
- (4) A – (i), B – (iii), C – (iv), D – (ii)

Answer Key

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	1	3	2	2	3	2	3	4	2	3	2	1	1	1	4	1	2	4	1	3
Que.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans.	4	1	3	3	4	1	1	1	4	2	3	3	4	2	2	3	2	2	1	2
Que.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	4	3	1	4	3	3	3	3	2	2	4	2	2	2	2	3	2	4	3	4
Que.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Ans.	2	2	1	2	4	3	4	4	2	3	1	1	2	1	2	2	1	2	4	1
Que.	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Ans.	3	4	4	1	1	1	4	2	2	4	1	3	1	3	4	1	1	3	2	1