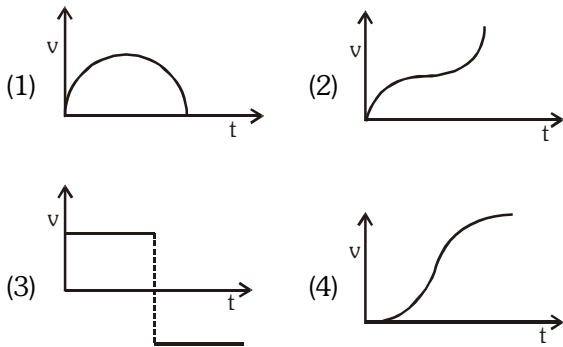
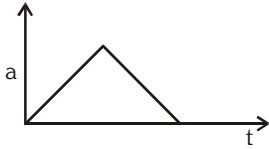
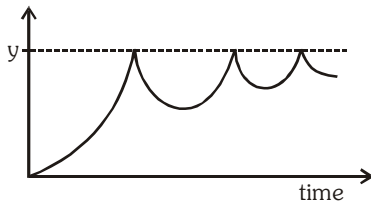


1. The acceleration versus time graph of an object is as shown in figure. The corresponding velocity - time graph of the object is

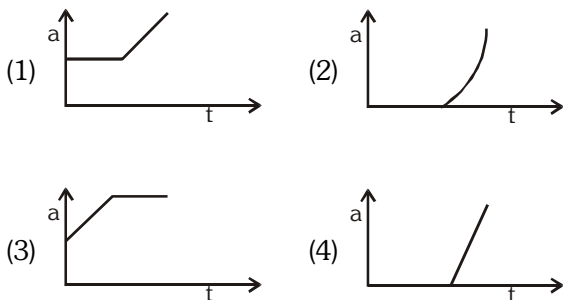


2. The graph below describe the motion of a ball rebounding from a horizontal surface being released from a point above the surface.

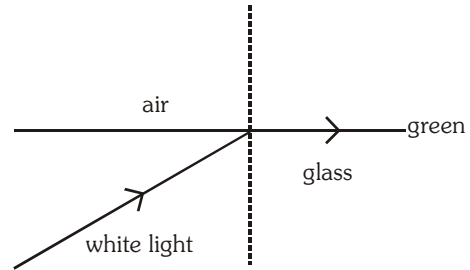


The quantity represented in the y-axis is the ball's

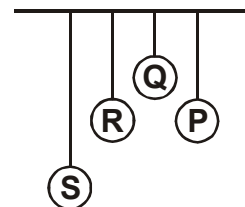
- (1) displacement (2) velocity
 (3) acceleration (4) momentum
3. A block is placed on a rough horizontal surface. A time dependent horizontal force $F=kt$ acts on the block, where k is positive constant. Acceleration-time graph of the block is



4. White light is incident on the interface of glass and air as shown in the figure. If green light is just totally internally reflected then the emerging ray in air contains

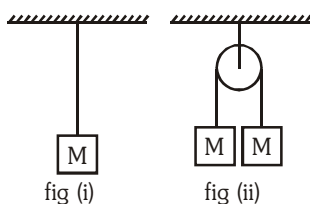


- (1) yellow, orange, red
 (2) violet, indigo, blue
 (3) All colours except green
 (4) All colours
5. A concave mirror is placed in a horizontal table with its axis directed vertically upwards. Let O be pole of the mirror and C its centre of curvature. A point object is placed at C . It has a real image, also located at C . If the mirror is now filled with water, the image will be
- (1) real and located at a point between C and O .
 (2) real and will remain at C .
 (3) real and located at point between C and (infinity)
 (4) virtual and located at a point between C and O .
6. Four pendulums P, Q, R & S are suspended from same elastic support as shown in figure. Out of these P and R are of the same length. Q is smaller than P and S is longest. If the pendulum bob P is displaced to give small vibration.



- (1) amplitude of vibration for S is maximum
 (2) amplitude of vibration for R is maximum
 (3) amplitude of vibration for Q is maximum
 (4) amplitude of vibration for all is same

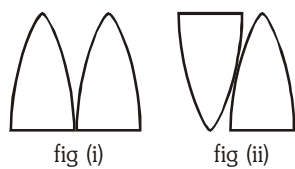
7. The elongation of wire of length L is ℓ , in the case of figure (i). The same wire elongation in case of figure (ii) will be (Pulley is light)



- (1) 4ℓ (2) 2ℓ (3) ℓ (4) $\ell/2$
8. Suppose universal gravitational constant starts to decrease, then
- (1) length of the year will increase.
 - (2) earth will follow a spiral path of decreasing radius.
 - (3) kinetic energy will remain constant.
 - (4) all of the above.
9. If a lens of focal length 'f' is cut in two equal parts shown as



are put in contact as shown in figure (i) and (ii)



- the resulting focal length of fig (i) and (ii) will be
- (1) $f/2, 0$ (2) $0, f/2$
 (3) f, f (4) $f/2, \infty$ (infinity)
10. A uniform wire when connected directly across a 220 V line produces heat H per second. If the wire is divided into n -parts and all parts are connected in parallel across a 220 V line, the heat produced per second will be
- (1) H/n (2) H/n^2 (3) n^2H (4) nH

11. In the question below, a statement of assertion (A) is followed by corresponding statement of reason (R). Of the following alternatives, choose the correct one.
- (A) To keep valuable instruments away from earth's magnetic field, they are enclosed in iron boxes.
 (R) Iron boxes repel the earth magnetic field lines.

- (1) If both assertion and reason are true & reason is the correct explanation of assertion.
- (2) If both assertion and reason are true but reason is not the correct explanation of assertion.
- (3) Assertion is true, reason is false
- (4) Assertion is false, reason is true

12. A sphere, a cube and a thin circular plate of same material and mass, are heated to a temperature of 200°C and allowed to cool-
- (1) Sphere will cool at fastest rate.
 - (2) Cube will cool at moderate rate.
 - (3) Plate will cool at slowest rate.
 - (4) Rate of cooling will be same in all three.
13. A ray of light is incident on the surface of separation of a medium with the velocity of light in air at an angle 45° and is refracted in the medium at an angle 30° . What will be the velocity of light in the medium
- (1) $1.96 \times 10^8 \text{ m/s}$ (2) $2.12 \times 10^8 \text{ m/s}$
 (3) $3.18 \times 10^8 \text{ m/s}$ (4) $3.33 \times 10^8 \text{ m/s}$

14. Analyse the given statements and choose the correct option.

Statement-I : When current is represented by a straight line, the magnetic field will be circular.

Statement-II : According to Fleming's left hand rule, the direction of the force is parallel to the magnetic field.

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

15. The pH value of 100 litre aqueous solution containing 4 gram NaOH is
- (1) 3 (2) 9 (3) 11 (4) 14

16. One mole of magnesium nitride on reaction with excess of water gives
- (1) One mole of ammonia
 - (2) Two moles of ammonia
 - (3) One mole of nitric acid
 - (4) Two moles of nitric acid

17. Match the following.

Column-I **Column-II**

- | | |
|---|----------------------------|
| (A) Strongest reducing agent in aqueous solution | (I) Thallium |
| (B) Shows inert pair effect | (II) Caesium |
| (C) Forms peroxide on heating with excess of oxygen | (III) Lithium |
| (D) Used in Photo cells | (IV) Sodium |
| (1) A-IV, B-II, C-I, D-III | (2) A-III, B-I, C-IV, D-II |
| (3) A-III, B-II, C-I, D-IV | (4) A-II, B-IV, C-I, D-III |

18. The oxidation states of sulphur in SO_3^{2-} , $\text{S}_2\text{O}_4^{2-}$ and $\text{S}_2\text{O}_6^{2-}$ follows the order

- (1) $\text{S}_2\text{O}_4^{2-} < \text{SO}_3^{2-} < \text{S}_2\text{O}_6^{2-}$
- (2) $\text{SO}_3^{2-} < \text{S}_2\text{O}_4^{2-} < \text{S}_2\text{O}_6^{2-}$
- (3) $\text{S}_2\text{O}_4^{2-} < \text{S}_2\text{O}_6^{2-} < \text{SO}_3^{2-}$
- (4) $\text{S}_2\text{O}_6^{2-} < \text{S}_2\text{O}_4^{2-} < \text{SO}_3^{2-}$

19. About BF_3 , PF_3 and ClF_3 the correct statement is

- (1) All have similar shape.
- (2) BF_3 and PF_3 have similar shapes but not ClF_3
- (3) All have different shapes
- (4) PF_3 and ClF_3 have similar shapes but not BF_3

20. Which of the following is represented by general formula $\text{C}_n\text{H}_{2n+2}\text{O}$?

- (1) Alcohols only
- (2) Both alcohols and ethers
- (3) Aldehydes only
- (4) Both Aldehydes and Ketones

21. About (A) ClOH , (B) KOH , (C) Be(OH)_2 the correct statement is

- (1) All are bases
- (2) (B) and (C) are bases, (A) is acidic
- (3) (A) is acidic, (B) is basic, (C) is amphoteric
- (4) (B) and (C) are basic, (A) is amphoteric

22. Which of the following is endothermic reaction?

- (1) $\text{C(s)} + \text{O}_2\text{(g)} \longrightarrow \text{CO}_2\text{(g)}$
- (2) $\text{N}_2\text{(g)} + \text{O}_2\text{(g)} \longrightarrow 2\text{NO(g)}$
- (3) $2\text{H}_2\text{(g)} + \text{O}_2\text{(g)} \longrightarrow 2\text{H}_2\text{O(l)}$
- (4) $2\text{CH}_3\text{OH(l)} + 3\text{O}_2\text{(g)} \longrightarrow 2\text{CO}_2\text{(g)} + 4\text{H}_2\text{O(l)}$

23. About (A) H_2O_2 , (B) BaO_2 , (C) CO_2 the correct statement is

- (1) Both (A) and (B) are peroxides but not (C).
- (2) All are peroxides
- (3) (A) is peroxide but not (B) and (C)
- (4) (A) and (C) are peroxides but not (B).

24. In which of the following AgCl is maximum soluble?

- | | |
|-------------|---------------------------|
| (1) Water | (2) 0.1 M HCl |
| (3) Ammonia | (4) 0.2 M AgNO_3 |

25. When 2 moles of N_2 gas and 9 moles of H_2 gas are mixed and reaction is completed to form NH_3 gas then reaction mixture will contain:

- (1) 11 moles of NH_3
- (2) 4 moles of NH_3 + 3 moles of H_2
- (3) 6 moles of NH_3 + 3 moles of H_2
- (4) 2 moles of NH_3 + 1 mole of N_2

26. Formula of a metallic oxide is M_2O_3 . Upon reduction with hydrogen the metallic oxide gives pure metal and water. 0.112 gm metal is produced by 6 mg of hydrogen after complete reduction. Atomic mass of the metal is

- | | | | |
|--------|---------|--------|-------|
| (1) 28 | (2) 160 | (3) 56 | (4) 8 |
|--------|---------|--------|-------|

27. Which one of the following statements is applicable regarding the number of bonds and the nature of bonds between two carbon atoms in CaC_2 compound?

- (1) One Sigma (σ) bond and one Pi (π) bond
- (2) One Sigma (σ) bond and two Pi (π) bond
- (3) One Sigma (σ) bond and one and half Pi (π) bonds.
- (4) One Sigma bond.

28. Find out correct statement given below

- (a) Length of alimentary canal is directly proportional to food habit.
- (b) Enzymes for digestion of carbohydrates are not secreted in gastric juice.
- (c) In an organism different enzymes have different pH optima.
- (d) Absorption of nutrients occurs mainly in small intestine.

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

29. Formation of oxy haemoglobin inside RBCs is a

- (a) Physical process
- (b) Chemical process
- (c) Enzyme catalyzed reaction
- (d) Partial pressure influenced process

Find out the correct answer

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

30. Pain centres in human brain differentiate between two stimuli on basis of
- (1) differences in threshold stimuli
 - (2) differences in amplitude of nerve impulses generated by two different stimuli
 - (3) differences in frequency of nerve impulses generated by two different stimuli
 - (4) there are different neurons in brain to receive different stimuli

31. Test cross is a cross between
- (1) One homozygous and another heterozygous individual.
 - (2) One individual with recessive character and another with dominant character of same species
 - (3) Two individuals of same species, each homozygous for a character.
 - (4) Two homozygous individuals for a character.

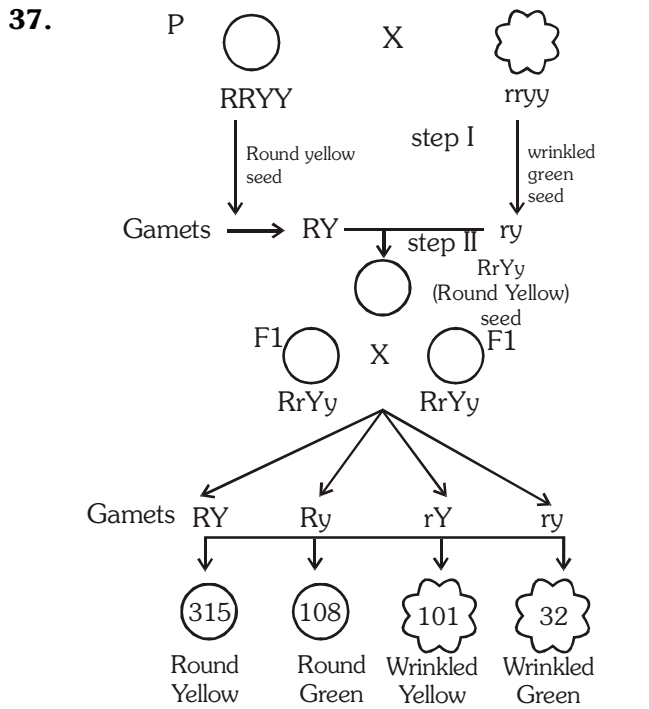
32. Which of the options given below would not work in the following sentence?
In order for the body to absorb and use _____ these must be broken down by hydrolysis into _____.
- (1) polysaccharides, monosaccharides
 - (2) amino acids, proteins
 - (3) fats, glycerol and fatty acids
 - (4) disaccharides, monosaccharides

33. Arrange following in the sequence.
- (a) Mutation
 - (b) Reproductive isolation
 - (c) Natural Selection
 - (d) Evolution
- (1) a, b, c, d (2) d, c, b, a
(3) a, c, b, d (4) c, b, a, d

34. Match the following and select the correct option.
- | Column-I | Column-II |
|-------------------------------|-------------------|
| (1) Collar cells | (a) Coelentrates |
| (2) Diploblast | (b) Porifera |
| (3) Closed circulatory system | (c) Echinodermata |
| (4) Water vascular system | (d) Annelida |
| | (e) Arthropoda |
- (1) 1-a, 2-b, 3-c, 4-d (2) 1-a, 2-b, 3-c, 4-e
(3) 1-b, 2-a, 3-d, 4-c (4) 1-a, 2-b, 3-e, 4-c

35. Which of the following plant disease can be controlled by chemical control ?
- (1) Viral disease
 - (2) Diseases caused by nematodes
 - (3) Fungal disease
 - (4) All of these

36. **Assertion :** Photosynthesis is minimum in green light
Reason : Chlorophylls are green in colour.
- (1) Both assertion and reason are true and reason is correct explanation of assertion.
 - (2) Both assertion and reason are true but reason is not correct explanation of assertion.
 - (3) Assertion is true but reason is false.
 - (4) Assertion is false but reason is true



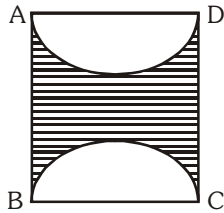
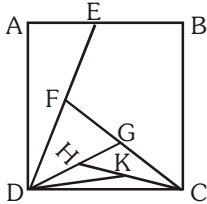
- Which law is depicted by the above cross?
- (1) Law of Dominance
 - (2) Law of Segregation
 - (3) Law of Independent Assortment
 - (4) Both (1) and (3)

38. Population size is controlled by
- (1) Death rate
 - (2) Birth rate
 - (3) Demographic transition
 - (4) Carrying capacity of Environment

- 39.** Hydroponics is
 (1) Growing of aquatic plants
 (2) Growing of floating aquatic plants
 (3) Soil less cultivation of plants
 (4) Growing of plants inside water
- 40.** Which one of the following equations suggests that O_2 released during photosynthesis comes from water?
 (1) $6CO_2^{18} + 12H_2O \rightarrow 6O_2^{18} + C_6H_{12}O_6 + 6H_2O^{18}$
 (2) $6CO_2 + 12H_2O^{18} \rightarrow 6O_2 + C_6H_{12}O_6 + 6H_2O^{18}$
 (3) $6CO_2^{18} + 12H_2O \rightarrow 6O_2^{18} + C_6H_{12}O_6 + 6H_2O$
 (4) $6CO_2 + 12H_2O^{18} \rightarrow 6O_2^{18} + C_6H_{12}O_6 + 6H_2O$
- 41.** Of the following four numbers the largest is:
 (1) 3^{210} (2) 7^{140}
 (3) $(17)^{105}$ (4) $(31)^{84}$
- 42.** The sum of 18 consecutive natural numbers is a perfect square. The smallest possible value of this sum is
 (1) 144 (2) 169 (3) 225 (4) 289
- 43.** The sum

$$\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots$$

$$\dots + \frac{99}{1+99^2+99^4}$$
 lies between
 (1) 0.46 and 0.47 (2) 0.47 and 0.48
 (3) 0.48 and 0.49 (4) 0.49 and 0.50
- 44.** If $x^2 - x - 1 = 0$, then the value of $x^3 - 2x + 1$ is
 (1) 0 (2) 2
 (3) $\frac{1+\sqrt{5}}{2}$ (4) $\frac{1-\sqrt{5}}{2}$
- 45.** If x and y are two positive real numbers such that their sum is one, then the maximum value of $x^4y + xy^4$ is
 (1) $\frac{1}{6}$ (2) $\frac{1}{8}$ (3) $\frac{1}{12}$ (4) $\frac{1}{16}$
- 46.** If $x\%$ of y is equal to 1% of z , $y\%$ of z is equal to 1% of x and $z\%$ of x is equal to 1% of y , then the value of $xy + yz + zx$ is
 (1) 1 (2) 2 (3) 3 (4) 4

- 47.** The value of $\frac{2(\sqrt{2} + \sqrt{6})}{3\sqrt{2 + \sqrt{3}}} + \sqrt{2 + \sqrt{3}} + \sqrt{2 - \sqrt{3}}$ is
 (1) $\frac{3 + 4\sqrt{6}}{3}$ (2) $\frac{4 + 3\sqrt{6}}{3}$
 (3) $\frac{3 + 4\sqrt{6}}{4}$ (4) $\frac{4 - 3\sqrt{6}}{3}$
- 48.** The unit's digit of the product $3^{1001} \times 7^{1002} \times 13^{1003}$ is
 (1) 1 (2) 3 (3) 7 (4) 9
- 49.** The perimeters of a regular hexagon and a square are equal. The ratio of the area of the square to the area of the hexagon is
 (1) $3 : \sqrt{2}$ (2) $2 : 3\sqrt{3}$
 (3) $1 : \sqrt{3}$ (4) $3 : 2\sqrt{3}$
- 50.** If a_1, a_2, a_3, \dots is an arithmetic progression with common difference 1 and $\sum_{i=1}^{98} a_i = 137$, then the value of $a_2 + a_4 + a_6 + \dots + a_{98}$ is
 (1) 67 (2) 83 (3) 93 (4) 98
- 51.** ABCD is a rectangle with AD = 10 cm. Semicircles are drawn on AD and BC. If the shaded area is 100 cm^2 , then the shortest distance (in cm) between the semi circles is
 (1) 2.5π
 (2) 5π
 (3) $2.5\pi + 5$
 (4) $2.5\pi - 2.5$
- 
- 52.** In the figure, the area of square ABCD is 4 cm^2 and E any point on AB. F, G, H and K are the mid point of DE, CF, DG, and CH respectively. The area of ΔKDC is
 (1) $\frac{1}{4} \text{ cm}^2$ (2) $\frac{1}{8} \text{ cm}^2$
 (3) $\frac{1}{16} \text{ cm}^2$ (4) $\frac{1}{32} \text{ cm}^2$
- 

53. If $P + \sqrt{3}Q + \sqrt{5}R + \sqrt{15}S = \frac{1}{1 + \sqrt{3} + \sqrt{5}}$

then the value of P is

- (1) $\frac{-1}{11}$ (2) $\frac{-2}{11}$ (3) $\frac{3}{11}$ (4) $\frac{7}{11}$

54. If $\sec^2\theta + \tan^2\theta = 2$, $0^\circ < \theta < 90^\circ$, then the value of $\operatorname{cosec}^2\theta + \cot^2\theta$ is

- (1) 2 (2) 3 (3) 4 (4) 5

55. If the roots of $px^2 + 2qx + r = 0$ and $qx^2 - 2\sqrt{pr}x + q = 0$ are simultaneously real, then

- (1) $p = q, r \neq 0$ (2) $2q = \sqrt{pr}$
 (3) $pr = q^2$ (4) $2p = \sqrt{qr}$

56. If a right circular cone, with slant height ℓ , and a right circular cylinder have the same radius r , same total surface area and heights h and h' respectively,

then $\sqrt{\frac{\ell - r}{\ell + r}} =$

- (1) h/h' (2) $2h/h'$ (3) $h/2h'$ (4) $2h'/h$

57. ΔABC has vertices $A(-4, 1)$, $B(2, -1)$ and $C(1, k)$. The number of possible values for k such that the triangle is isosceles is

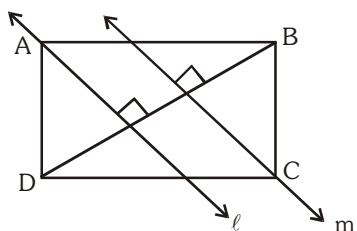
- (1) 1 (2) 3 (3) 5 (4) 4

58. In a class of boys and girls, a student is chosen at random. If the probability that a boy is chosen is $\frac{2}{3}$ of the probability that a girl is chosen, the ratio

of the number of boys to the total number of students in the class is

- (1) 1 : 3 (2) 2 : 5 (3) 3 : 5 (4) 2 : 3

59. In the figure, DB is a diagonal of rectangle ABCD and line ℓ through A and line m through C divide DB in three equal parts each of length 1 cm and are perpendicular to DB. Area (in cm^2) of rectangle ABCD is



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

60. One of the factors of $x^6 + 10x^3 - 27$ is
 (1) $x^2 - x + 3$ (2) $x^2 - x - 3$
 (3) $x^2 + x - 3$ (4) $x^2 + x + 3$

61. What was the theme of the Printing of Frederic Sorrieu?
 (1) Democratic (2) Socialistic
 (3) Capitalistic (4) None of above

62. Germany was unified in
 (1) 1870 (2) 1871 (3) 1872 (4) 1873

63. Who said, "When France sneezes the rest of the Europe catches cold"?
 (1) Garibaldi (2) Mazzini
 (3) Matternich (4) Bismarck

64. Who was Paul Bernard?
 (1) Economist (2) Social Worker
 (3) Social reformer (4) Capitalist

65. Which the following was the most important cash crop of Vietnam :-
 (1) Sugarcane (2) Cotton
 (3) Rice (4) Tea

66. Why was non cooperation movement called off by Gandhiji?
 (1) Due to chauri-chaura violence
 (2) Due to protest against British Empire
 (3) Due to opposition of Muslim League
 (4) Due to British Pressure

67. The Jallianwala Bagh incident took place on
 (1) 13th April 1910 (2) 13th April 1912
 (3) 13th April 1917 (4) 13th April 1919

68. The Poona Pact was signed between _____ and _____
 (1) Jawahar Lal Nehru - Motilal Nehru
 (2) Mahatma Gandhi - Lord Irrwin
 (3) Mahatma Gandhi - B. R. Ambedkar
 (4) Mahatma Gandhi - Mount batten

69. Who said. "Printing is the ultimate gift of God and the greatest one"?
 (1) Charles Dickens (2) J. V. Schely
 (3) Mahatma Gandhi (4) Martin Luther

70. Who amongst the following ruled over Sardinia-Piedmont during the middle of the nineteenth century?
 (1) Austrian Habsburg
 (2) Italian Princely house
 (3) Pope
 (4) Bourbon kings of Spain

- 71.** Which of the following Countries has briefest constitution?
(1) USA (2) China (3) India (4) Japan
- 72.** Who is known as Frontier Gandhi?
(1) M. A. Jinha
(2) Khan Abdul Gaffar Khan
(3) Shekh Abdulla
(4) Liakat Ali
- 73.** Which of the following statement is true about India?
(1) India is a Unitary System
(2) India has true federal system
(3) India is union of states
(4) India is confederation
- 74.** Who is at present Dy. Chairman of Planning Commission ?
(1) P. Chidambaram
(2) Montek Singh Ahluwalia
(3) Trilok Singh
(4) Jai Pal Reddy
- 75.** Which of the following amendement is known as Antidefection Law?
(1) 42nd (2) 44th (3) 52nd (4) 61st
- 76.** What were the two basis of backwardness under Mandal Commission?
(1) Social and Educational
(2) Social and Economic
(3) Cultural and Social
(4) Linguistic and Religious
- 77.** Who was known as Grand Old Man of India?
(1) Dada Bhai Nauroji (2) G.K. Gokhle
(3) Feroj Shah Mehta (4) S. N. Benergy
- 78.** Which of the following is not true about Fundamental Rights ?
(1) These are absolute.
(2) These are given in third part of constitution
(3) At present they are six in number.
(4). They were taken from USA.
- 79.** Which of the following is the smallest administrative unit in rural area?
(1) Municipal Committee (2) Panchayat Samiti
(3) Village Panchayat (4) Zila Parishad
- 80.** Which is not true about R.T.I. (Right to Information)?
(1) It empowers people.
(2) It promotes transparency
(3) It promotes good governance
(4) It is against bureaucracy
- 81.** Mark the right pairs.
A. A cold current (i) Benguela
B. A warm current (ii) Mozambique
C. A current not flowing (iii) Peruvian current in Atlantic ocean
D. A current that flows (iv) Agulhas along south-east coast of Africa
(1) A-(i) B-(ii) C-(iii) D-(iv) (2) B-(i) C-(ii) D-(iii) A-(iv)
(3) A-(iii) B-(i) C-(iv) D-(ii) (4) A-(iv) B-(ii) C-(iii) D-(i)
- 82.** Contour lines represent -
(1) Areas recording same amount of rainfall
(2) Areas having same degree of temperature
(3) Areas having same height above mean sea level
(4) Areas receiving same amount of sunlight
- 83.** Zozi-La (Pass) connects which two places out of the following ?
(1) Leh - Shrinagar
(2) Jammu - Kargil
(3) Nepal - Sikkim
(4) Bhutan - Arunachal Pradesh
- 84.** Make right pairs of following rivers and their places of origin -
A. Satluj 1. Brahmgeri
B. Jhelum 2. Amarkantak
C. Kaveri 3. Rakshastal
D. Narmada 4. Verinag
(1) A-3, B-4, C-1, D-2
(2) A-3, B-1, C-2, D-4
(3) A-2, B-4, C-1, D-3
(4) A-3, B-2, C-1, D-4
- 85.** Choose the right answer.
A. Cottonopolice of India - Mumbai
B. Silicon valley of India - Bangalore
C. Manchester of North India - Kanpur
D. Detroit of India - Modi Nagar
(1) Only A
(2) Only B and D are right
(3) Only A and B are right
(4) Only A, B and C are right
- 86.** As per census of India 2011 which one of the following four states has highest density of population?
(1) Himachal Pradesh (2) Jammu & Kashmir
(3) Manipur (4) Nagaland

- 87.** Select right statement regarding biodiversity.
- A. Biodiversity is maximum in forests.
 B. It refers to only flora of a particular area.
 C. It is related to various species of flora and fauna of a particular area
 D. It represents the total number of individuals of particular species living in an area.
- (1) A and B both are right.
 (2) B and C both are right.
 (3) C and D both are right.
 (4) A and C both are right.
- 88.** The main cause of existence of rain-shadow area on leeward side of Western Ghat of India is -
- (1) Scattered vegetation
 (2) Increasing temperature
 (3) Increasing humidity
 (4) Increasing atmospheric pressure
- 89.** Which force is responsible for deflecting winds towards the right direction in the northern hemisphere ?
- (1) Gravitational force (2) Centrifugal force
 (3) Coriolis force (4) Centripetal force
- 90.** Which one is not a fact regarding climate of South India ?
- (1) Diurnal range of temperature is less.
 (2) Heterogeneous climatic conditions are found
 (3) Annual range of temperature is less
 (4) Temperatures are high throughout the year.
- 91.** Human development index compares countries based on which of the following level of people?
- a. Per capita income b. Education level
 c. Health status d. Gender ratio
- (1) a,b,c (2) b,c,d
 (3) a,c,d (4) All of the above
- 92.** Gross Domestic Product (GDP) is the total value of :
- (1) All intermediate goods and services
 (2) All goods and services
 (3) All final goods and services
 (4) All intermediate and final goods and services
- 93.** Which of the following was the objective of NREGA 2005
- (1) to control the unorganised sector in rural India.
 (2) to provide 100 days employment in a year by the government.
 (3) to control the flow of money from private sector to public sector.
 (4) to increase production in primary sector.
- 94.** Formal sources of loans include loans from
- (a) Banks
 (b) Money lenders
 (c) Co-operatives societies
 (d) Traders
- (1) a and b (2) a and c
 (3) b and c (4) a and d
- 95.** Which one of the following has benefitted least because of globalisation in India
- (1) Industrial Sector (2) Service Sector
 (3) Secondary Sector (4) Agriculture Sector
- 96.** Which one of the following crops is the example of plantation farming?
- (1) Rice (2) Wheat
 (3) Rubber (4) None of these
- 97.** In which of the following states of India rice is considered a commercial crop?
- (1) West Bengal (2) Odisha
 (3) Bihar (4) Punjab
- 98.** Which of the following crops are grown with the onset of monsoons and are harvested in the month of September and October?
- (1) Rabi (2) Kharif
 (3) Zaid (4) None of the above
- 99.** In which type of soil does maize grow well?
- (1) Black (2) Light domat
 (3) Old alluvial (4) None of these
- 100.** Cultivation of coffee is confined to which of the following hills?
- (1) Nilgiri (2) Aravali
 (3) Shivalik (4) None of these