1. Match the following:

(a) Krebs cycle  
(b) Ubiquinone  
(c) Glycolysis  
(d) Acetyl – CoA

1. Occurs in cytoplasm  
2. Diffuse from cytoplasm to mitochondria  
3. Mobile carrier  
4. Occurs in mitochondrial matrix

(a) (b) (c) (d)

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

Ans - (A) 4 3 1 2

2. The purines present in nucleic acids are:

I. Adenine and Cytosine  
II. Guanine and Thymine  
III. Adenine and Guanine  
IV. Cytosine and Uracil

(A) IV  
(B) III  
(C) II  
(D) I
Ans - (B) III

3. Find out the correct match/es:
I. Enzymes - Biological catalysts
II. DNA - Nucleic acid
III. Insulin - Hormone
IV. Vitamine E - Water soluble vitamin

(A) II only (B) I only (C) I, II and IV (D) I, II and III

Ans - (D) I, II and III

4. The number of generalized co-ordinates required to describe the position of a simple pendulum is

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

Ans - (B) 2

5. If g is the acceleration due to gravity and R is the radius of the earth, then escape velocity is given by the relation

(A) V = 2g (B) V = 2 g (C) V = 2Rg (D) V = 2 Rg

Ans - (C) V = 2Rg
6. The relation connecting Young’s modulus (E), Bulk modulus (K) and Rigidity modulus (N) is
   (A) \( \frac{9}{E} = 3/N + 1/K \)
   (B) \( \frac{9}{N} = 3/E + 1/K \)
   (C) \( \frac{9}{N} = 1/E + 3/K \)
   (D) \( \frac{9}{E} = 1/N + 3/K \)
   Ans - (A) \( \frac{9}{E} = 3/N + 1/K \)

7. The S.I unit of gravitational constant G is
   (A) \( N \text{ kg}^{-2} \)
   (B) \( N \text{m kg}^{-1} \)
   (C) \( N \text{m}^2 \text{kg}^{-1} \)
   (D) \( N \text{m}^2 \text{kg}^{-2} \)
   Ans - (D) \( N \text{m}^2 \text{kg}^{-2} \)

8. Choose the correct answer:
   The itai-itai disease of Japan was caused due to
   I. Arsenic pollution
   II. Cyanide pollution
   III. Cadmium pollution
   IV. Lead pollution
   (A) I and II
   (B) II and III
   (C) III only
   (D) IV only
   Ans - (C) III only
9. Match the following:

(a) Sericulture 1. Farming of aquatic organisms
(b) Horticulture 2. Culture of honey bees
(c) Aquaculture 3. Rearing of silk worms
(d) Apiculture 4. Cultivation and maintaining gardens

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

10. Expand FAT

(A) First Allocation Type
(B) File Allocation Type
(C) First Allocation Table
(D) File Allocation Table
Ans - (D) File Allocation Table

FAT என்றால் என்ன ஆகும் என்னை எனக்கு சொல்லவும்?

(A) ஆத்தை பணையுடைய வட்டங்கள் (First Allocation Type)
(B) வைகுந்தர் பணையுடைய வட்டங்கள் (File Allocation Type)
11. Which of the following is used to store large amounts of data?
(A) Primary memory
(B) Auxiliary Storage
(C) Cache memory
(D) Random access memory
Ans - (B) Auxiliary Storage

12. Give the value of Terabyte.
(A) \(2^{10}\)
(B) \(2^{20}\)
(C) \(2^{30}\)
(D) \(2^{40}\)
Ans - (D) \(2^{40}\)

13. ‘Bluetooth’ technology is
(A) Satellite communication
(B) Wired communication between devices
(C) Wireless communication between devices
(D) Communication between landline to mobile phone
Ans - (C) Wireless communication between devices

14. The plant type which colours the ocean surface water red is
(A) Dinoflagellates
(B) Golden algae
(C) Green algae
(D) Red alage
15. Match List I with List II and select the correct answer:

<table>
<thead>
<tr>
<th>List I (Climate)</th>
<th>List II (Reason)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Chennai is warmer than Kolkatta</td>
<td>1. Distance from Sea</td>
</tr>
<tr>
<td>(b) Snowfall in Himalayas</td>
<td>2. Altitude</td>
</tr>
<tr>
<td>(c) Rainfall decreases from west Bengal to Punjab</td>
<td>3. Western Disturbance</td>
</tr>
<tr>
<td>(d) Winter Rainfall</td>
<td>4. Latitude</td>
</tr>
</tbody>
</table>

(a) (b) (c) (d)

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

Ans - (D) 4 2 1 3

16. Which of the following is not a planetary wind?

(A) Westerlies
(B) Trade winds
(C) Monsoon
(D) Polar easterlies

Ans - (C) Monsoon
Ans - (C) Monsoon

17. The place of India which does not have tropical evergreen forest is
(A) Eastern part of Western Ghats
(B) Western part of Western Ghats
(C) Andaman and Nicobar islands
(D) Eastern part of subtropical Himalayas
Ans - (A) Eastern part of Western Ghats

18. Consider the following statements and choose the correct answer from the given options.
I. Shompens is tribal inhabitant of Nicobar Island.
II. As per 2011 census, their population is 229.
(A) I only true
(B) II only true
(C) I and II are true
(D) I and II are false
Ans - (C) I and II are true

19. Choose the correct sequence of the following using the codes given below:
I. Qutbuddin Aibak, Iltutmish, Raziya, Balban
II. Jahangir, Humayun, Akbar, Shahjahan
(A) Qutbuddin Aibak, Iltutmish, Raziya, Balban
(B) Jahangir, Humayun, Akbar, Shahjahan
(C) Qutbuddin Aibak, Iltutmish, Raziya, Balban, Jahangir, Humayun, Akbar, Shahjahan
(D) Qutbuddin Aibak, Iltutmish, Raziya, Balban, Jahangir, Humayun, Akbar, Shahjahan
Ans - (C) Qutbuddin Aibak, Iltutmish, Raziya, Balban, Jahangir, Humayun, Akbar, Shahjahan
III. Balaji Viswantha, Balaji Baji rao, Baji Rao I, Shivaji

(A) I and II only  
(B) II and III only  
(C) I only  
(D) III only  

Ans - (C) I only

20. Which of the following were among the main exports of Indus valley people. Select the correct answer from the codes given below:

I. Wheat  
II. Barley  
III. Cotton  
IV. Gold

(A) I, II and III  
(B) II and III  
(C) I and II  
(D) III and IV

Ans - (C) I and II

21. Match List I with List II correctly and select answer :

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Santhal’s Rebellion</td>
<td>1. 1923</td>
</tr>
<tr>
<td>(b) Maplah Rebellion</td>
<td>2. 1929</td>
</tr>
<tr>
<td>(c) Vizag Revolution</td>
<td>3. 1921</td>
</tr>
<tr>
<td>(d) Bardoli Satyagraha</td>
<td>4. 1855</td>
</tr>
</tbody>
</table>

(a) (b) (c) (d)
22. Match List I with List II correctly and select answer :

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Dupleix</td>
<td>1. Nawab of Bengal</td>
</tr>
<tr>
<td>(b) Anwar-ud-din</td>
<td>2. British Admiral</td>
</tr>
<tr>
<td>(c) Shuja-ud-Daula</td>
<td>3. French Governor</td>
</tr>
<tr>
<td>(d) Polock</td>
<td>4. Nawab of Carnatic</td>
</tr>
</tbody>
</table>

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

Ans - (C) 3 4 1 2
(b) கூரல் 2. புள்ளிசோலை கோழிக்கோடு
(c) சதுநிதி 3. புள்ளிகோலை குனிசு
(d) வெழுநோல் 4. கோவில்கோலை நோல்

<table>
<thead>
<tr>
<th></th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>

Ans - (C) 3 4 1 2

23. Match List I with List II of the following with suitable options:

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Kural</td>
<td>1. Rishabham</td>
</tr>
<tr>
<td>(b) Thutham</td>
<td>2. Shadjam</td>
</tr>
<tr>
<td>(c) Kaikilai</td>
<td>3. Madhyamam</td>
</tr>
<tr>
<td>(d) Vuzhai</td>
<td>4. Gandharam</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Ans - (A) 2 1 4 3

முழுமையான முழுமையான குறிகள் தரவு செய்யும் உயர்ந்ததாக விளக்கப்பட்டது.

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) குருல்</td>
<td>1. கிளிசும்</td>
</tr>
<tr>
<td>(b) சதுநிதி</td>
<td>2. சர்க்கரும்</td>
</tr>
<tr>
<td>(c) வெஜுலையுள்ள நகரம்</td>
<td>3. விளங்கிய புனிதங்கரம்</td>
</tr>
<tr>
<td>(d) வெழுநோல்</td>
<td>4. வெழுநோல் குனிசு</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Ans - (A) 2 1 4 3
24. Match List I with List II of the following with suitable options:

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Brahmanas</td>
<td>1. Forest Texts</td>
</tr>
<tr>
<td>(b) Sama veda</td>
<td>2. Guide Book for Priests</td>
</tr>
<tr>
<td>(c) Aranyakas</td>
<td>3. Ritual Texts</td>
</tr>
<tr>
<td>(d) Yajur Veda</td>
<td>4. Book of Chants</td>
</tr>
</tbody>
</table>

(a) (b) (c) (d)

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

Ans - (B) 3 4 1 2

25. Which of the following is/are not correct?

Minto-Morley reforms of 1909 introduced the following.

I. The system of direct election was introduced in provinces
II. The act did not enfranchise women
III. It introduced dyarchy in provinces
IV. Communal electorate was introduced

(A) I only  (B) I and III  (C) II and III  (D) III only
Tnpsc Group 2 Previous Questions:

![Image](https://goo.gl/PYqsd7)

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**Ans** - (B) I and III

1. 1909 ஆகத்து விலங்கு – மாத்தி நிறைந்துகால் நிறைந்து சிற்றியாரடாக அரிதுப்பட்டிருந்தது.
   I. வேதனை விளக்கம் செய்யவுடன் மாணவர் ஆவார் இருந்தது.
   II. சீனக்குடிய நொய்யல் சேர்க்கின்றது.
   III. இரு நான்கு அரசியல் மாணவர் ஆவார் இருந்தது.
   IV. குத்து வந்த வேதனை விளக்கம் ஆரஞ்சின்னிற்றது.

(A) I மலிகம் (B) II மலிகம் III மலிகம் (C) II மலிகம் III மலிகம் (D) III மலிகம்

**Ans** - (B) I மலிகம் III மலிகம்

26. Who bestowed the title Sardar on Vallabhai Patel?

(A) Dadabhai Naoroji
(B) Jawaharlal Nehru
(C) Mahatma Gandhi
(D) Rajendra Prasad

**Ans** - (C) Mahatma Gandhi

27. During 1857 revolt which army remained loyal to the British?

(A) Bombay Army
(B) Bengal Army
(C) Madras Army
(D) Avadh Army

**Ans** - (C) Madras Army

28. Pick out the wrong statement.

(A) Veerappa, the Zamindar of Koppal rose against the Nizam of Hyderabad in 1819
(B) Gadkaris were military classes who garrisoned Marath forts
(C) Chakra Biso was the khonds leader
(D) Sindhu and Kanhu were the leaders of the kola
Ans - (D) Sindhu and Kanhu were the leaders of the kola.

(A) 1819 - (B) 1943 - (C) 1927 - (D) 1924

Ans - (D) Sindhu and Kanhu were the leaders of the kola.

29. Match the following:

(a) Simon Commission 1. 1928
(b) Nehru Report 2. 1932
(c) Second Round Table Conference 3. 1927
(d) Communal Award 4. 1931

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

Ans - (B) 3 1 4 2

30. Identify the statement, which is not the cause for the failure of Quit India Movement

(a) British Government arrested key leaders in anticipation to the movement
(b) Nehru and Rajaji disbelieved in Direct Action
(c) Hindu Mahasabha and Muslim League supported the movement
(d) British Government suppressed the movement

(A) (a) alone
(B) (a) and (b) alone
(C) (c) alone
(D) (a), (b) and (d) alone

Ans - (C) (c) alone

31. Among the 50 students in a class, what percentage of students like biology and chemistry?

<table>
<thead>
<tr>
<th>Subjects</th>
<th>No. of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Physics</td>
<td>12</td>
</tr>
<tr>
<td>Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>Biology</td>
<td>8</td>
</tr>
<tr>
<td>Computer science</td>
<td>9</td>
</tr>
</tbody>
</table>

(A) 64%  (B) 46%  (C) 23%  (D) 77%

Ans - (B) 46%
32. For any $n$ observations of data, what is the value of $x - nx$?
(A) $n(x)$  
(B) $(n-2)x$  
(C) $(n-1)x$  
(D) 0
Ans - (D) 0

33. Simplify: $0.728 \times 0.728 - 0.272 \times 0.272 / 0.456$
(A) 0.456  
(B) 1  
(C) 0.728  
(D) 0.272
Ans - (B) 1

34. If $x/y = 3/5$, then $5x + 2y/5x - 2y$ is equal to
(A) 3  
(B) 5  
(C) 2/5  
(D) 5/2
Ans - (B) 5

35. A person’s present age is two-fifth of the age of his mother. After 8 years, he will be one half of the age of his mother. How old is the mother at present?
(A) 42  
(B) 40  
(C) 45  
(D) 48
Ans - (B) 40
36. Find the value of $1.2 \times 1.2 \times 1.2 - 0.2 \times 0.2 \times 0.2 / 1.2 \times 1.2 + 1.2 \times 0.2 + 0.2 \times 0.2$
   (A) 42   (B) 1   (C) 0.2   (D) 1.4
   Ans - (B) 1

37. A bicycle marked at Rs. 1,500 is sold for Rs. 1,350. What is the percentage of discount?
   (A) 12   (B) 15   (C) 11   (D) 10
   Ans - (D) 10

38. Which one of the following is the smallest ratio?
   7:13, 17:25, 7:15, 15:23
   (A) 7:13   (B) 17:25   (C) 7:15   (D) 15:23
   Ans - (C) 7:15

39. In a mixture of 60 litres, the ratio of milk and water is 2:1. If this ratio is to be 1:2, then what is the quantity of water to be further added?
   (A) 20 l   (B) 30 l   (C) 50 l   (D) 60 l
   Ans - (D) 60 l

40. Two numbers are in the ratio 3:5. If 9 be subtracted from each, then they are in the ratio 12:23. Find the second number.
41. Sum of squares of three positive numbers is 608 and they are in the ratio 2:3:5. Then find the numbers
(A) 6, 9, 15  
(B) 8, 12, 20  
(C) 10, 15, 25  
(D) 14, 21, 35
Ans - (B) 8, 12, 20

42. If 30% of A=0.25 of B=1/5 of C, then find the ratio A:B:C
(A) 15:12:10  
(B) 12:15:10  
(C) 10:112:15  
(D) 10:15:12
Ans - (C) 10:112:15

43. What is the third proportional to 0.34 and 0.50 ?
(A) 0.74  
(B) 0.75  
(C) 0.76  
(D) 0.77
Ans - (A) 0.74

44. In a cylinder, if radius is doubled and height is halved, then what happens to the curved surfaces area?
(A) Halved  
(B) Doubled  
(C) Does not change  
(D) Four times
Ans - (C) Does not change

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45. The length of side of a rhombus is 5m and one of its diagonal is 8m. then what is the length of other diagonal?

(A) 5m  (B) 7m  (C) 6m  (D) 8m

Ans - (C) 6m

46. A, B and C can complete a piece of work in 24, 6 and 12 days respectively. If they work together, in how many days they will complete the same work?

(A) 1/24 day  (B) 7/24 day  (C) 24/7 days  (D) 24/11 days

Ans - (C) 24/7 days

47. 12 men complete the 2400 sq.m ploughing work in 10 days. How many men are required to complete 3600 sq.m ploughing work in 18 days?

(A) 10 men  (B) 15 men  (C) 18 men  (D) 20 men

Ans - (A) 10 men

48. 2 men and 7 boys can do a piece of work in 14 days, 3 men and 8 boys can do the same in 11 days. In how days, 3 times the work can be completed by 8 men and 6 boys?

(A) 21 days  (B) 18 days  (C) 24 days  (D) 36 days

Ans - (A) 21 days
49. The length, breadth and height of a hall are 8m, 40m, 4m respectively and the hall has one door of area 3m x 1.5m. Find the cost of painting the walls at the rate Rs.200 per square metre.

(A) Rs. 28,800   (B) Rs. 59,900   (C) Rs. 27,900   (D) Rs. 60,800

Ans - (C) Rs. 27,900

50. If the capacity of a cylindrical tank is 1848 m$^3$ and the diameter of its base 14 m, then find the depth of the tank?

(A) 12 m   (B) 14 m   (C) 15 m   (D) 18 m

Ans - (A) 12 m

51. The length of a chain used as the boundary of a semicircle park is 72 m. What is the area of the park?

(A) 77 m$^2$   (B) 91 m$^2$   (C) 126 m$^2$   (D) 308 m$^2$

Ans - (D) 308 m$^2$

52. Find the least number which when divided by 5, 6, 7 and 8 leaving a remainder 3, but when divided by leaves no remainder.

(A) 1677   (B) 1683   (C) 2523   (D) 3363

Ans - (B) 1683

53. Find the next number in the following series.
4,6,9,13 1/2

(A) 201 1/4  (B) 22 3/4  (C) 19  (D) 17 1/2

Ans - (A) 201/4

54. Consider the following statements:

Assertion (A): Scholars distinguished a culture midway between Palaeolithic and Neolithic called Mesolithic.

Reason (R): The chief characteristics Mesolithic were the stone implements used were extremely small made up of Chalcedony and silicate instead of quartzite.

Select your answer according to the coding scheme below:

(A) Both (A) and (R) are false
(B) Both (A) and (R) are true but (R) is not the explanation for (A)
(C) Both (A) and (R) are true and (R) is the correct explanation for (A)
(D) (A) is true but (R) is false

Ans – (C) Both (A) and (R) are true and (R) is the correct explanation for (A)

55. Match the following:

(a) Na and K – (i) Obtained by electrolysis of fused salt
(b) Cu and g – (ii) Occur only in native state
(c) Au and Pt – (iii) Occur both native and combined state
(d) Na and Ca – (iv) Reducing agent in metallurgy
(e) Al and Mg – (v) Occur only in combined state

(A) (a)-(v) (b)-(iii) (c)-(ii) (d)-(i) (e)-(iv)
(B) (a)-(iv) (b)-(i) (c)-(ii) (d)-(iii) (e)-(v)
(C) (a)-(ii) (b)-(iii) (c)-(v) (d)-(iv) (e)-(i)
(D) (a)-(iii) (b)-(ii) (c)-(i) (d)-(v) (e)-(iv)

Ans - (A) (a)-(v) (b)-(iii) (c)-(ii) (d)-(i) (e)-(iv)

56. Which of the following is/are wrong?
I. MgC₃ on hydrolysis gives acetylene
II. Be₄C on hydrolysis gives methane
III. AlC₃ on hydrolysis gives allylene

(A) I and II  (B) II and III  (C) I and III  (D) I, II and III

Ans - (C) I and III

57.
58. Agricultural unemployment may be classified into:
   I. Seasonal unemployment
   II. Disguised unemployment
   III. Chronic unemployment

Which is the correct answer?
   (A) I and II only  (B) II and III only  (C) I and III only  (D) I, II and III

Ans - (D) I, II and III

59. Fill up the blanks:

National population policy adopted in 2000 with a view to encourage ___________ and aim at stabilizing the population by ____________

(A) Two Child norm, 2020  (B) One Child norm, 2030
(C) Two Children norm, 2046  (D) One Child norm, 2050

Ans - (C) Two Children norm, 2046

60. Match the following and select the correct answer

(a) Taxes revenue  1. Provided funds
(b) Capital receipts  2. Taxes on income and expenditure
(c) Non-plan expenditure  3. Sales tax
(d) Value added tax  4. Interest payments
61. The National Statistical Commission of India was healed by

(A) Monteck Singh Ahulwaliya  (B) C. Rengarajan
(C) Development finance  (D) V.K.R.V. Rao

Ans - (B) C. Rengarajan

62. The structure of Indian Financial System does not included

(A) Industrial finance  (B) Agricultural finance
(C) Development finance  (D) Deficit finance

Ans - (D) Deficit finance
63. The MGNREGS differs from other poverty alleviation measures in the following respects
   I. It focuses on income generation to the targeted poor.
   II. It is built around the nations of citizenship and entitlement.
   III. It facilitates disclosure by means of regular and social audit.
   IV. It opens as per the directives of the State/Central Governments/
      (A) I and II    (B) II and III    (C) I and IV    (D) II and IV

      Ans - (B) II and III

64. Justice D.P. Wadhwa committee was appointed by the Supreme Court to examine
   (A) Insurance schemes
   (B) The level of black money in the country
   (C) The functioning of rural development programmes
   (D) The Public Distribution System

      Ans - (D) The Public Distribution System

65. The Nutrient Based Subsidy (NBS) policy for fertilizers was implemented in India in
   (A) 1996    (B) 1977    (C) 1991    (D) 2010

      Ans - (D) 2010
66. Which Indian city has been declared as the cleanest city in the ‘Swachh Bharat’ ranking 2015?

(A) Kochi  (B) Thiruvananthapuram  (C) Bengaluru  (D) Mysuru

Ans - (D) Mysuru

67. Who is the chairman of the 20th law commission of India?


Ans - (A) Justice. Ajit Prakash Shah

68. Recently Union Government has decided to develop a city as spiritual capital of the country. Which among the following is this city?

(A) Ujjain  (B) Varanasi  (C) Nasik  (D) Bodhgaya

Ans - (D) Bodhgaya

69. India’s largest telecom operator is

(A) TATA  (B) Bharati Airtel  (C) Reliance  (D) Aircel

Ans - (B) Bharati Airtel

70. Which corporation in Tamil Nadu was awarded the best corporation award for the year 2015?

(A) Chennai  (B) Vellore  (C) Madurai  (D) Tirunelveli
Ans - (C) Madurai

Every year 13th of August is observed as
(A) Voluntary Blood donation day (B) World Hepatitis day
(C) Swachh Bharat day (D) Organ donation day

Ans - (D) Organ donation day

71. ‘International Day of the Disappeared’ observed by United Nations Organization every year fall on
(A) November 30 (B) December 26 (C) August 30 (D) October 25

Ans - (C) August 30

72. The President of Sri Lanka as on June 2015
(A) Maithripala Sirisena (B) Ravi Karunanayake
(C) Mahinda Samarasinghe (D) Mahinda Amaraweera

Ans - (A) Maithripala Sirisena

73. Sunhak Peace Prize was won by
(A) Ms. Zhanna Nemtsova (B) Zaina Erhain
(C) Dr. Modadugu Vijay Gupta (D) Mr. Zia Haider Rahman

Ans - (C) Dr. Modadugu Vijay Gupta
75. Which gas has been recently discovered in planet Mars?
(A) Hydrogen Sulphide  (B) Ammonia
(C) Methane  (D) Ethane

Ans - (C) Methane

76. Which Indian Temple was awarded ‘Award of Excellence’ for conservation by UNESCO in the year 2015, in Bangkok?
(A) Guruvayoor Temple, Guruvayoor
(B) Vadakkunnathan Temple, Thrissur
(C) Padmanabhaswamy Temple, Trivandrum
(D) Tirumala Temple, Tirupathi

Ans - (B) Vadakkunnathan Temple, Thrissur

77. Which country devalued its own currency in August 2015?
(A) India  (B) Japan  (C) Germany  (D) China

Ans - (D) China

78. The 50th Anniversary of 1965 Indo-Pak war was observed on
(A) 27 August 2015     (B) 30 July 2015
(C) 30 August 2015     (D) 28 August 2015
Ans - (D) 28 August 2015

(A) 27 August 2015     (B) 30 August 2015
(C) 30 August 2015     (D) 28 August 2015
Ans - (D) 28 August 2015

79. Match the Android OS version with their names:

<table>
<thead>
<tr>
<th>OS version</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Android 6.0</td>
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<tr>
<td>(b) Android 5.0</td>
<td>2. Lollipop</td>
</tr>
<tr>
<td>(c) Android 4.4</td>
<td>3. Jelly Bean</td>
</tr>
<tr>
<td>(d) Android 4.3</td>
<td>4. MarshMallow</td>
</tr>
</tbody>
</table>

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

(A) 4 2 3 1
(B) 4 3 1 2
(C) 4 2 1 3
(D) 3 1 2 4
Ans - (C) 4 2 1 3

(A) 27 August 2015     (B) 30 July 2015
(C) 30 August 2015     (D) 28 August 2015
Ans - (D) 28 August 2015

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

(A) 4 2 3 1
(B) 4 3 1 2
(C) 4 2 1 3
(D) 3 1 2 4
Ans - (C) 4 2 1 3
80. Government of Tamilnadu awards Dr. A.P.J. Abdul Kalam award for a Tamilian for his/her contribution to

(A) Development of rural health services
(B) Scientific, art and literature development, humanities and student welfare
(C) Tamil literature development
(D) Development of Sports

**Ans** - (B) Scientific, art and literature development, humanities and student welfare

81. Identify from the options the name of the Central government portal for students looking for educational loans

(A) Vidya Vikas   (B) Edu Care
(C) Vidya Lakshmi   (D) Shodhganga

**Ans** - (C) Vidya Lakshmi

82. Which of the following days is observed as the National Statistics Day?

(A) June, 8   (B) June, 29   (C) July, 1   (D) October, 5

**Ans** - (B) June, 29

83. ‘Pay Zapp’ a mobile application to make digital payments was started by which Bank?

(A) SBI   (B) ICICI   (C) HDFC   (D) HSBC
Ans - (C) HDFC

84. In the Australian Federal elections 2015 for the Prime Minister of Australia, who emerged as winner?
(A) Tony Abbot  
(B) Kevin Rudd  
(C) Malcolm Turnbull  
(D) Julia Gillard

Ans - (C) Malcolm Turnbull

85. 2020 Olympic games will be held at
(A) Beijing  
(B) New York  
(C) Chicago  
(D) Tokyo

Ans - (D) Tokyo

86. Nobel Prize 2015 in Physics was given for the discovery of
(A) Path of electrons in electromagnetic waves  
(B) Path of neutrons in magnetic fields  
(C) Proton oscillation  
(D) Neutrino oscillation

Ans - (D) Neutrino oscillation
87. In October 2015 Russia’s Sergey Karjakin won the World cup for
(A) TableTennis  (B) Chess
(C) Golf         (D) Polo
Ans - (B) Chess

88. The Administrative Reforms Commission of India was set up on 5 Jan. 1966 under the Chairmanship of
(A) K. Hanumanthaiya  (B) H.C. Mathur
(C) G.S. Pathak     (D) Morarji R. Desai
Ans - (D) Morarji R. Desai

89. “The Supreme Court in the Indian union has more powers than any other than any other Supreme Court in
any part of the world” – Who said so?
(A) S.M. Sikri     (B) Sir Alladi Krishnaswamy Ayyar
(C) M.C. Setalwad (D) Justice Kania
Ans - (B) Sir Alladi Krishnaswamy Ayyar

90. Consider the following two statements consisting of Assertion (A) and Reason (R) and select your answer
using the codes given below.
Assertion (A): The administrative reforms commission recommended Lokpal and Lokayukta
Reasoning (R): These are for the Redressal of citizens grievances.
(A) Both A and R are correct and R is the correct explanation of A
91. Which one of the following is not correctly matched?
(A) Article 153 – Office of the Governor
(B) Article 156 – Term of the Governor
(C) Article 154 – Executive authority of Governor
(D) Article 155 – Removal of Governor

Ans – (D) Article 155 – Removal of Governor

92. Which one of the following statement is/are true with regard to formulation of the Government?
(A) There is a Rule in the Business of the Government which mentions that single largest party that gets majority will form the government
(B) There is no written rules on inviting the single largest party by the 2nd largest party to form the government. It is a convention
(C) There is a provision in Part I of the Constitution
(D) Representation of Peoples Act provides for inviting the longest party to form the government.

Ans - (B) There is no written rules on inviting the single largest party by the 2nd largest party to form the government. It is a convention

Install Winmeen Mobile App: [https://goo.gl/s3YY9V](https://goo.gl/s3YY9V)
93. Match List – I with List – II:

<table>
<thead>
<tr>
<th>Laws</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The Banking Companies Ordinance</td>
<td>1. 1966</td>
</tr>
<tr>
<td>(b) Special Bearers Bonds Ordinance</td>
<td>2. 1980</td>
</tr>
<tr>
<td>(c) Unlawful activities Prevention ordinance</td>
<td>3. 1984</td>
</tr>
<tr>
<td>(d) Terrorist affected areas ordinance</td>
<td>4. 1981</td>
</tr>
</tbody>
</table>

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

Ans – (C)

94. The protection of Civil Rights Act came into force on

(A) 19th December 1974  (B) 19th November 1976

Ans – (A)
95. Who one of the following persons is the ex-officio chairman of the rules Committee, General Purpose Committee and Business Advisory Committee?

(A) The Speaker  
(B) A member elected by the house  
(C) The Deputy Speaker  
(D) A member of Ruling Party  

Ans – (A) The Speaker

96. Match the following – Establishment of state and choose the correct one:

(a) 36th Amendment  
(b) 13th Amendment  
(c) 27th Amendment  
(d) 56th Amendment  

State

1. Goa  
2. Manipur and Tripura  
3. Sikkim  
4. Nagaland

(a) 36th Amendment  
(b) 13th Amendment  
(c) 27th Amendment  
(d) 56th Amendment

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

Ans - (A) 3 4 2 1

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97. Which of the following are major features of the constitutions of Lokpal and Lokayukta and recommended by the Administrative Reforms commission?

1. They should be demonstrably independent and impartial
2. They should compare with the highest judicial functionary in the country
3. They should be directly accountable to parliament
4. Their appointment should as far as possible be non-political

(A) 1 and 4  
(B) 1, 2 and 4
(C) 1, 2, 3 and 4  
(D) None of the above (or) 1, 2 and 3

And - (B) 1, 2 and 4

98. Consider the following pairs:

I. thallophyte - Algae and Fungi
II. Tracheophyta - All vascular plants
III. Bryophyta - Liver worts and Fungi
IV. Pteridophyta - Mosses and Mushrooms

Which of the pair given above is/are correct?
100. Which of the following statements about ‘Glycolysis is/are True?

I. Glycolysis is also known as Pentose phosphate pathway

II. The substrate of Glycolysis is Glucose

III. The final product of Glycolysis is Glycogen

IV. Glycolysis is also known as Glyoxylate cycle

(A) I and III  
(B) II only  
(C) III and IV  
(D) IV and II

Ans – (B) II only

‘அல்லாஹ்வின் கோரையை’ புகழ்பெறும் தேவார வையிலிருந்து அழக்கப்பட்டு உடை/யனவுள்ளது?

I. அல்லாஹ்வின் கோரையில் சுமார் மகரியைப்பெற்றிரும் அழக்கப்பட்டு உடை/யனவுள்ளது

II. அல்லாஹ்வின் கோரையில் சுமார் மகரியைப்பெற்றிரும் அழக்கப்பட்டு உடை/யனவுள்ளது

III. அல்லாஹ்வின் கோரையில் சுமார் மகரியைப்பெற்றிரும் அழக்கப்பட்டு உடை/யனவுள்ளது

IV. அல்லாஹ்வின் கோரையில் சுமார் மகரியைப்பெற்றிரும் அழக்கப்பட்டு உடை/யனவுள்ளது

(A) I உடை/யனவுள்ளது  
(B) II உடை/யனவுள்ளது  
(C) III உடை/யனவுள்ளது  
(D) IV உடை/யனவுள்ளது

Ans – (B) II உடை/யனவுள்ளது