

1. 'SAUBHAGYA' scheme is related to
 - (1) free education to all girls
 - (2) free power to poor
 - (3) financial help to poor
 - (4) free education to adults
2. If RBI reduces the CRR, what will happen to the credit creation? (loan)
 - (1) There will be no impact
 - (2) It will decrease
 - (3) It will increase
 - (4) None of the above
3. Disguised unemployment is common in
 - (1) agricultural sector
 - (2) industrial sector
 - (3) service sector
 - (4) All of the above
4. Which was the first country to introduce plastic notes in circulation?
 - (1) India
 - (2) Japan
 - (3) USA
 - (4) Australia
5. Who said, "Profit is a reward for risk taking"?
 - (1) Knight
 - (2) Walker
 - (3) Hawley
 - (4) Keynes
6. If population growth is **not** controlled, nature itself will destroy the excess population with its positive checks'. Which theory postulated this?
 - (1) Malthusian theory of population
 - (2) Cannan's optimum population theory
 - (3) Theory of demographic transition
 - (4) None of the above

7. Last Five-Year Plan in India was

- (1) 10th plan
- (2) 11th plan
- (3) 12th plan
- (4) 14th plan

8. Shadow prices are particularly useful in

- (1) consumers' purchase decision
- (2) firms' sale decision
- (3) project evaluation and appraisal
- (4) savings decision

9. Bank rate means

- (1) rate at which banks lend to public
- (2) rate at which banks lend to other banks
- (3) rate at which RBI discounts the bills of commercial banks
- (4) None of the above

10. What is the investment level of the Micro Enterprises as per revised criteria for manufacturing?

- (1) ₹25 lakhs to ₹50 lakhs
- (2) ₹50 lakhs to ₹75 lakhs
- (3) Lower than ₹1 crore
- (4) ₹1 crore to ₹2 crores

11. Demographic dividend is reaped when

- (1) population above 65 years is more
- (2) population between 15-64 years is more
- (3) population below 15 years is more
- (4) overall population growth rate is more

12. The average age of 40 students in a class is 20 years. If class teacher's age is included in the class, then the average age of the class is 21 years. What is the age of the class teacher?

- (1) 54 years
- (2) 32 years
- (3) 51 years
- (4) 61 years

13. While calculating the average of five numbers, one number was wrongly entered as 3.3 instead of 3.1. Which of the following is the difference in magnitude of the **correct** and wrong averages?

- (1) 0.2
- (2) 3.2
- (3) 0.4
- (4) 0.04

14. For deciles, the total number of partition values are.

- (1) 10
- (2) 9
- (3) 8
- (4) 5

15. Arithmetic mean is equal to 25 and harmonic mean is equal to 9, then geometric mean is

- (1) 5
- (2) 10
- (3) 15
- (4) 20

16. A bag contains 5 red balls, 8 blue balls and 11 white balls. Three balls are drawn together from the bag, then what is the probability of one red, one blue and one white ball?

- (1) $35/253$
- (2) $45/253$
- (3) $55/253$
- (4) $65/253$

17. Siddu is taller than Prasad but shorter than Chandru. Chandru is taller than Nagendra but shorter than Ravi. If Prasad is taller than Nagendra, who is the tallest among all?

- (1) Siddu
- (2) Nagendra
- (3) Chandru
- (4) Ravi

18. Given, $Q_1 = 25$, $Q_3 = 75$, then what is the quartile deviation?

- (1) 15
- (2) 20
- (3) 25
- (4) 30

19. How many numbers between 200 and 400 are divisible by 3, 4 and 5 together?

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

20. The perimeter of a triangle is 30 cm and the circumference of its incircle is 88 cm. What is the area of the triangle?

- (1) 70 cm^2
- (2) 140 cm^2
- (3) 210 cm^2
- (4) 420 cm^2

21. The first five letters of English Alphabet are reversed, so are the next five and so on and last letter is left unchanged, then what will be the 2nd letter to the left of 17th letter from the right?

- (1) H
- (2) G
- (3) S
- (4) R

22. 4 men and 3 women finish a job in 6 days, and 5 men and 7 women can do the same job in 4 days. How long will 1 man and 1 woman take to do the same work?

- (1) $22\frac{2}{7}$ days
- (2) $25\frac{1}{2}$ days
- (3) $5\frac{1}{7}$ days
- (4) None of the above

23. In a mixture of 60 litres, the ratio of milk and water is 2 : 1. What amount of water must be added to make the ratio 1 : 2?

- (1) 40 litres
- (2) 50 litres
- (3) 20 litres
- (4) 60 litres

24. A dealer sells an article for ₹24 and gains as much percent as the cost price of the article. Find the cost price of the article.

- (1) ₹20
- (2) ₹24
- (3) ₹12
- (4) ₹10

25. A cyclist rides 6 km towards north, takes a right turn and rides 4 km. Again he takes a right turn and rides 3 km. How far is he from the starting point?

- (1) 4 km
- (2) 3 km
- (3) 5 km
- (4) 7 km

26. The average size of the nucleus is of the order

- (1) 10^{-6} m
- (2) 10^{-3} m
- (3) 10^{12} m
- (4) 10^{-15} m

27. The first person who experimentally demonstrated the wave behaviour of light is

- (1) Newton
- (2) J. P. Thomson
- (3) Thomas Young
- (4) Richard Feynman

28. Which of the following statements are **true**?

- (i) Silicon is a semiconducting material.
 - (ii) Solar cells are photovoltaic devices.
 - (iii) The semiconductor silicon is extracted from silica.
 - (iv) Solar cells directly convert light energy into electrical energy.
- (1) (i) and (ii)
 - (2) (ii) and (iii)
 - (3) (ii) and (iv)
 - (4) All of the above

29. Metals are good conductors because

- (1) they contain free electrons
- (2) they contain mobile ions
- (3) they have high melting temperature
- (4) All of the above

30. Which device is used to detect and measure small electric current in a circuit?

- (1) Transformer
- (2) Galvanometer
- (3) Thermometer
- (4) Electromagnetic induction

31. For an object moving in uniform circular motion, the direction of the instantaneous acceleration vector is

- (1) tangent to the path of motion
- (2) equal to zero
- (3) directed radially outward
- (4) directed radially inward

32. Which among the following is **correct** with reference to Vijayanagara district?

- (1) Vijayanagara district has five talukas
- (2) It has 5644 sq. km geographical area
- (3) It has 28 hoblies
- (4) Kotturu taluka shares boundary with Hospet taluka

33. Match **List—I** with **List—II** :

List—I		List—II
(Tribes)		(Activities)
(i) Naga	(a)	Hunting and gathering
(ii) Bhil	(b)	Jhum cultivation
(iii) Gondas	(c)	Herding/ Domesticating animal
(iv) Todas	(d)	Agriculture and hunting

Choose the **correct** answer from the options given below :

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

34. Match the following :

Drainage System	Drainage Pattern
(i) Krishna	(a) Radial
(ii) Kali	(b) Parallel
(iii) Karanja	(c) Dendritic
(iv) Pennar	(d) Obsequent

Choose the **correct** answer from the options given below :

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

35. Aus, Aman, Boro are the varieties of _____ crop and are grown in _____ state.

- (i) Wheat (a) Gujarat
- (ii) Jowar (b) West Bengal
- (iii) Rice (c) Karnataka
- (iv) Cotton (d) Punjab

Fill in the blanks with given **codes** :

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

36. In most parts of peninsular plateau of India _____ of climate is found according to Koppen's classification of climate.

- (1) Tropical Savannah type (Aw)
- (2) Semi-arid steppe type (BSHW)
- (3) Monsoon type with short dry winter season (Amw) type
- (4) Hot desert type (BWhw)

37. With reference to the 68th National Film Awards, consider the following pairs :

Name of the movie	Category of the Award
--------------------------	------------------------------

- | | |
|--|---|
| (i) <i>Manah Aru Manuh</i> | (a) Best Environment Film |
| (ii) <i>Testimony of Ana</i> | (b) Best Non-Feature Film |
| (iii) <i>Taledanda</i> | (c) Best Film on Environment Conservation/Preservation |
| (iv) <i>Tanhaji : The Unsung Warrior</i> | (d) Best popular film providing wholesome entertainment |

How many pairs given above are **correctly** matched?

- (1) Only one pair
- (2) Two pairs
- (3) Three pairs
- (4) All four pairs

38. Which of the following vaccine manufacturers has developed World's first DNA Vaccine for COVID-19?

- (1) Cadila Healthcare
- (2) Zydus
- (3) Pfizer
- (4) Bharat Biotech

39. With reference to millets, which of the following statement(s) is/are **correct**?

- (i) UN General Assembly has declared the year 2023 as the International Year of Millets.
 - (ii) India is one of the leading producers of millets in the world with an estimated share of 41 percent in the global production.
 - (iii) India recorded 27 percent growth in millet production in 2021-22 as compared to the millet production in the previous year.
 - (iv) ICAR-Indian Institute of Millet Research is located in Mysore.
- (1) (i) and (ii) only
 - (2) (i) only
 - (3) (i) and (iv) only
 - (4) (i), (ii) and (iii) only

40. The 2nd Janjatiya Gaurav Diwas was celebrated on _____ to mark the birth anniversary of the legendary tribal leader _____.

Which of the following can be used in a **correct** order to fill up the above gaps?

- (1) 16th of November, 2022 and Bhagwan Birsa Munda
- (2) 15th of November, 2022 and Bhagwan Birsa Munda
- (3) 15th of November, 2022 and Sidhu Murmu
- (4) 16th of November, 2021 and Kanhu Murmu

41. If holidays are declared only on Sundays and in a particular year 12th March is a Sunday, is 23rd September in that year a holiday?

- (1) Yes
- (2) No
- (3) Yes, if it is a leap year
- (4) No, if it is a leap year

42. With reference to the novel *Tomb of Sand*, consider the following statements :

- (i) It is the first Hindi novel to receive International Booker Prize.
- (ii) The author of the novel is Geetanjali Shree.
- (iii) It has been translated by Daisy Rockwell.
- (iv) The novel was longlisted for the JCB Prize, 2022.

Which of the above statement(s) is/are **correct**?

- (1) (i) and (ii) only
- (2) (ii) only
- (3) (i), (ii) and (iii) only
- (4) All the four statements

43. The “Barbell Strategy” opted by the Government of India to take care of the economy during the Covid 19 period refers to

- (1) a combination of a bouquet of safety-nets to cushion the impact on vulnerable sections of society/business, with a flexible policy response based on a Bayesian updating of information
- (2) a strict fiscal disciplining policy with cuts on Government expenditure
- (3) social security measures for migrant workers
- (4) giving stimulus for consumer expenditure

44. With reference to PM SVANidhi Scheme, which of the following statement(s) is/are **true**?

- (i) It is meant for providing working capital loan to urban street vendors.
- (ii) Urban street vendors are eligible to avail a Working Capital (WC) loan of up to ₹10,000.
- (iii) The tenure of the loan is for two years.
- (iv) The borrower needs to repay the amount of loan in monthly installments.

- (1) (i) and (iv) only
- (2) (i) only
- (3) (i), (ii) and (iv) only
- (4) All of the above

45. *Rehla*, a detailed account of India, was written by

- (1) Barani
- (2) Ibn Battuta
- (3) Afif
- (4) Amir Khusrau

46. The coinage of Delhi Sultanate Jital, Shashgani and Tanka were made of

- (1) silver, gold, silver
- (2) silver, gold, copper
- (3) gold, copper, lead
- (4) copper, silver, silver

47. Who is known as Prachanna Buddha (Buddhist in disguise)?

- (1) Hiuen Tsang
- (2) Itsing
- (3) Madhvacharya
- (4) Shankaracharya

48. The fort Purana Qila was built by

- (1) Humayun
- (2) Babur
- (3) Akbar
- (4) Sher Shah Suri

49. Sarojini Naidu headed which session of the Indian National Congress in 1925?

- (1) Delhi
- (2) Kanpur
- (3) Allahabad
- (4) Ahmedabad

50. Battle of Swally was fought between the

- (1) British and French
- (2) French and Dutch
- (3) British and Spanish
- (4) British and Portuguese

51. Which Satavahana ruler had the title of *Tri-samundra-toya peet-vahana*?

- (1) Hala
- (2) Gunadya
- (3) Pulumavi
- (4) Gautamiputra Satakarni

52. The First Carnatic War ended due to the Treaty of

- (1) Pondicherry
- (2) Wandiwash
- (3) Haidarabad
- (4) Aix-la-Chapelle

53. The Hoysala personal body guards were

- (1) Gajad Dhalas
- (2) Ashava Dhalas
- (3) Garuda Dhalas
- (4) Naga Dhalas

54. What were the Council of Ministers of Bahmani Sultanate called?

- (1) Majlis-e-ilyath
- (2) Darya Daulat
- (3) Shahanai Mandi
- (4) Nasir Daulat

55. The first Chief Minister of Mysore State was

- (1) S. Nijalingappa
- (2) Kengal Hanumanthaiah
- (3) K. C. Reddy .
- (4) Kadidal Manjappa

56. The founder of the Kodagu ruling family was

- (1) ChikkaRaja .
- (2) Veera Raja
- (3) Chikka Veera Rajendra
- (4) Muddu Raja

57. Which agro-climatic zone receives lowest rainfall in Karnataka?

- (1) Hilly agro-climatic zone
- (2) Central dry agro-climatic zone
- (3) Eastern dry agro-climatic zone '
- (4) Coastal agro-climatic zone

58. Match the following :

A	B
River	Tributary
(i) Krishna	(a) Vedavati
(ii) Cauveri	(b) Ghataprabha
(iii) Thungabhadra	(c) Kaneri
(iv) Kalinadi	(d) Hemavati
(i) (ii) (iii) (iv)	
(1) (c) (a) (d) (b)	
(2) (b) (d) (a) (c) .	
(3) (b) (d) (c) (a)	
(4) (d) (a) (b) (c)	

59. National Highway No. 66 passes between which of the following rivers and Maravanthe beach in Kundapur?

- (1) Souparnika
- (2) Gurupur
- (3) Netravali .
- (4) Haladi

60. Which of the two countries connect Motihari-Amlekhgunj, the first South Asian Oil Pipeline Corridor?

- (1) India and Nepal
- (2) India and Bhutan
- (3) India and Bangladesh .
- (4) None of the above

61. Dadra and Nagar Haveli, Diu and Daman union territories were merged as one union territory on

- (1) 1st January, 2020
- (2) 26th January, 2020
- (3) 15th August, 2020
- (4) 1st November, 2020

62. Match the following **List—I** with **List—II** and choose the **correct** answer from the codes given below related to Padma Vibhushan and Padma Bhushan Awards 2021 :

List—I

List—II

- | | |
|----------------------------------|------------------------------|
| (i) Shri Shinzo Abe | (a) Literature and Education |
| (ii) Shri Nripendra Misra | (b) Civil Service |
| (iii) Shri S. P. Balasubramaniam | (c) Art |
| (iv) Shri Chandrasekhar Kambar | (d) Public Affairs |

Choose the **correct** answer from the options given below :

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

63. Which of the following statements are **not true** about Karnataka?

- (i) The Moyar river forms the boundary between Karnataka and Tamil Nadu.
 - (ii) Karnataka is surrounded by 5 States.
 - (iii) The district Yadgir has been created by dividing Bijapur district.
 - (iv) There are no large deltas along the coast of Karnataka.
- (1) (i) and (ii)•
 - (2) (i), (ii) and (iii)
 - (3) (ii) and (iii)
 - (4) (ii), (iii) and (iv)

64. Match the following about Karnataka :

- | | |
|------------------------------|-------------------------|
| (i) Highest part | (a) Bheemeshwari Valley |
| (ii) Lowest part | (b) Mullayanagiri |
| (iii) The least wettest part | (c) Challakere |
| (iv) Hottest part | (d) Raichur |
| | (e) Gulbarga |

Choose the **correct** answer from the options given below :

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

65. A person purchased 8 plastic chairs for ₹864 and sells them for ₹1,088. Then what is his profit percentage for every chair?

- (1) 25.92%
- (2) 29.52%
- (3) 31.32%
- (4) 45.92%

66. Consider the following statements :

Assertion (A) : The east flowing rivers account for about 42% of surface water whereas the west flowing rivers account for about 58% of surface water of Karnataka.

Reason (R) : Geographical distribution of water resources of the State has large disparities.

- (1) Both **Assertion** and **Reason** are **correct** and **R** is the **correct** explanation to **A**
- (2) Both **Assertion** and **Reason** are **correct** but **R** is not the **correct** explanation to **A**
- (3) **Assertion** is **correct** but **Reason** is wrong
- (4) **Reason** is **correct** but **Assertion** is wrong

67. Consider the following statements and choose the **correct** option given below :

- (i) The river Kumudavati creates the picturesque waterfall called the Chhaya Bhagwati.
- (ii) The river Bhima forms the boundary between Karnataka and Maharashtra.
- (iii) A major part of Gulbarga district lies in the basin of the river Manjra.
- (iv) The west flowing rivers of Karnataka are the best example for parallel drainage system.

- (1) (ii) and (iv) are correct
- (2) (i), (ii) and (iv) are correct
- (3) (iii) and (iv) are correct
- (4) (ii), (iii) and (iv) are correct

68. The ability of an individual to give rise to a range of phenotypic expression under different environmental condition is

- (1) genotype
- (2) phenotypic plasticity
- (3) gene pool
- (4) None of the above

69. How many biodiversity hotspots are there in India?

- (1) 4
- (2) 5
- (3) 3
- (4) 7

70. Polygyny is described as

- (1) an individual male pair with two or more females ✓
- (2) an individual female pair with two or more males
- (3) the acquisition by an individual of two or more mates, none of which is mated to other individual
- (4) None of the above

71. Which of the following elements is micronutrient of plants?

- (1) Hydrogen
- (2) Oxygen
- (3) Nitrogen
- (4) Carbon dioxide

72. Animals that feed on dead plant and animal matter are called

- (1) carnivores
- (2) omnivores
- (3) detritivores
- (4) herbivores

73. Anemophilous plants are _____ pollinated.

- (1) insect
- (2) wind
- (3) water
- (4) animal

74. Which element is generally **not** returned through biogeochemical cycle?

- (1) Nitrogen
- (2) Phosphorus
- (3) Carbon
- (4) Sulphur

75. _____ is known as cradle of angiosperm.

- (1) Cretaceous
- (2) Jurassic
- (3) Triassic
- (4) None of the above

76. The normal dihybrid ratio is changed to _____ during recessive epistasis.

- (1) 15 : 1
- (2) 9 : 3 : 4
- (3) 13 : 3
- (4) 12 : 3 : 1

77. The chemical used for destroying fungus in water tank is

- (1) nitric acid
- (2) zinc sulphate
- (3) magnesium sulphate
- (4) copper sulphate

78. Aloe vera is known for its use in

- (1) rejuvenation
- (2) anti-AIDS
- (3) antinociception
- (4) None of the above

79. Reserpine is obtained from

- (1) *Cassia senna*
- (2) *Rauwolfia serpentina*
- (3) *Atropa belladonna*
- (4) *Digitalis purpurea*

80. *Lactobacillus* sp. is

- (1) Gram +ve .
- (2) Gram 0
- (3) Gram -ve
- (4) Acid-fast

81. The image obtained in a compound microscope is

- (1) real
- (2) virtual
- (3) real inverted
- (4) virtual inverted

82. Bryophytes act as a connecting link between

- (1) Thallophyta and Pteridophyta
- (2) Algae and fungi
- (3) Pteridophyta and Gymnosperms
- (4) Terrestrial fungi and Aquatic fungi

83. Coralloid roots are found in

- (1) *Dryopteris*
- (2) *Gnetum*
- (3) *Pinus*
- (4) *Cycas*

84. Part of plant used for culturing is called

- (1) scion
- (2) explant
- (3) stock
- (4) callus

85. Which of the following is considered a hotspot of biodiversity in India?

- (1) Aravalli hills
- (2) Western Ghats
- (3) Indo-Gangetic plain
- (4) Eastern Ghats

86. A species that maintain biodiversity by keeping prey population in control is called

- (1) apex predators
- (2) invasive species
- (3) native species
- (4) keystone species

87. What are α and γ biodiversities?

- (1) Diversity of species in a community and between communities
- (2) Diversity of species in a community and over different communities in an area
- (3) Diversity of species between two communities and over different communities in an area
- (4) None of the above

88. Which Article of the Constitution of India directs the State to make effective provision for securing the Right to Work?

- (1) Article 16
- (2) Article 38
- (3) Article 41
- (4) Article 43

89. Who among the following can attend the session of both Houses of the Parliament without being the member of either of the Houses?

- (1) Solicitor General of India
- (2) Vice President of India
- (3) Comptroller and Auditor General of India
- (4) Attorney General of India

90. The proclamation of financial emergency issued under Article 360 of the Indian Constitution shall cease to operate at the expiration of

- (1) two months
- (2) three months
- (3) six months
- (4) nine months

91. The President of India returns the Bill sent to him without putting his assent to the Parliament and the Parliament again passes the Bill in original form with majority. The President

- (1) can seek the opinion of the Supreme Court on the Bill
- (2) has to give assent to the Bill
- (3) can once again return the Bill for further reconsideration
- (4) can ask for referendum on the Bill

92. How many members are nominated from the RBI side for the composition of the Insolvency and Bankruptcy Board of India (IBBI)?

- (1) 1
- (2) 8
- (3) 10
- (4) 5

93. What is the full form of E-NAM?

- (1) E-National Agriculture Market
- (2) E-National Accounted Margin
- (3) E-National Aeronautics Manufacturer
- (4) None of the above

94. The three natural rights mentioned by John Locke are

- (1) right to life, liberty and property ✓
- (2) right to life, work and religion
- (3) right to life, property and religion
- (4) right to life, religion and family

95. Match **List—I** with **List—II** :

List—I	List—II
(i) Right to Education	(a) <i>Olga Tellis Vs. Bombay Municipal Corporation</i>
(ii) Right to Livelihood	(b) <i>Hussainara Khatoon Vs. State of Bihar</i>
(iii) Right to Speedy trial	(c) <i>Unnikrishnan Vs. State of AP</i>
(iv) Right to Privacy	(d) <i>Kharak Singh Vs. State of UP</i>

Choose the **correct** answer from the options given below :

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

96. Article 14 of the Indian Constitution grants "Equal Protection of the Law", which may imply

- (1) law is for everyone
- (2) equal treatment of equals before the law
- (3) laws govern society
- (4) absence of arbitrary power with the State

97. The Parliamentary Government is based on

- (1) the separation of the three organs of Government
- (2) the separation of the legislature and the executive
- (3) the fusion of the legislature and the executive
- (4) the independence of the judiciary

98. Under Article 338A of the Indian Constitution, there shall be a commission to be known as

- (1) National Commission for OBCs
- (2) National Commission for Women
- (3) National Commission for SCs
- (4) National Commission for STs

99. Which are the criteria for declaring a community as a Scheduled Tribe?

- (i) Primitive characteristics
- (ii) Distinct culture
- (iii) Geographical isolation
- (iv) Reluctance to interact with the larger community
- (v) Backwardness

Which of the following are **correct**?

- (1) (i) and (iii) only
- (2) (ii) and (iii) only
- (3) (iii), (iv) and (v) only
- (4) All of the above

100. An indifference curve is always convex to the origin, because

- (1) marginal rate of substitution keeps on diminishing
- (2) marginal rate of substitution keeps on increasing
- (3) marginal rate of substitution is constant
- (4) marginal rate of substitution keeps on fluctuating