

Tnpsc Model Question Paper 22 – General Studies in English

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1. Which of the following is/are not an allotrope of Carbon?

1. Diamond.

2. Carborundum

3. Graphite

4. Fullerene

(a) 1 and 3

(b) 2 and 4

(c) **2 alone**

(d) 1, 3 and 4

2. A food web consists of

(a) A portion of a food chain

(b) Producer, consumer and decomposers

(c) **Interlocking food chains**

(d) A set of similar consumers

3. Bandipur wildlife sanctuary situated at

(a) Mudumalai

(b) **Mysore**

(c) Kerala

(d) Rajasthan

4. In evolution, "use and disuse theory" was proposed by

(a) Charles Darwin

(b) Alfred Wallace

(c) **Lamarck**

(d) Hutten

5. Which of the following compound is used as a fertilizer?

(a) **Ammonium Chloride**

(b) Ammonium Bromide

(c) Ammonium Fluoride

(d) Ammonium Oxide

6. If pH of any Aqueous Solution at 25° C is 8, then its pOH is equal to

(a) 1

(b) 7

(c) 0

(d) **6**

7. Honey is separated from bees wax with help of

(a) **Centrifuge**

(b) Centripetal

(c) Polarizer

(d) Analyzer

8. If "g" is absent in the Universe, which of the following statement is True?

(a) It leads to the sensation of weightlessness

(b) It leads to complete destruction

(c) We have day and night

(d) **Both (A) and (B) are correct**

9. The main component of the food which helps our body to fight against infections is

(a) Carbohydrate

(b) **Protein**

(c) Fat

(d) Starch

10. Consider the statement in regard to the SVAMITVA Scheme:

1. The aim of this scheme is to update rural land records, providing a record of rights to village households and issue property cards.

2. SVAMITVA is a central scheme of the ministry of Panchayat Raj and Rural Development.

3. This scheme to be implemented across the country in a phased manner over a period of ten years.

Select the correct answer by using the code mentioned below:

(a) **only 1 and 2**

(b) only 1 and 3

(c) only 2 and 3

(d) only 3

11. Which is a sign of Economic recession?

1. Rising wages.

2. Rise in unemployment

3. Rapid Industrialization

4. Stable Political Conditions

(a) 2, 3, 1, 4

(b) **1, 3, 4, 2**

(c) 4, 3, 2, 1

(d) 3, 1, 4, 2

12. Which among the following schemes is a central sector scheme for comprehensive rehabilitation for welfare of transgender persons?
(a) **SMILE** (b) NAMASTE (c) AMBER (d) WEST
13. "Digital India" initiative was launched in the year
(a) 2012 (b) 2013 (c) 2014 (d) **2015**
14. Who wrote the book "Communist Manifesto"?
(a) Lenin (b) Stalin (c) **Karl Marx and Friedrich Engels** (d) Adam Smith
15. Kottai Ameer Award for the year 2022 is presented to Thiru.J.Mohammed Rafi of ----- District of Tamil Nadu.
(a) Madurai (b) **Coimbatore** (c) Tiruppur (d) Sivagangai
16. According to census of 2011, the union territory has the lowest density of population is
(a) Daman and Diu (b) Lakshadweep
(c) **Andaman and Nicobar Islands** (d) Dadar and Nagar Haveli
17. The ----- soil is internationally known as tropical chernozems; are the third longest soil group in India.
(a) Desert soil (b) Alluvial soil (c) Red soil (d) **Black soil**
18. The ----- River that does not originate in India.
(a) Beas (b) **Sutlej** (c) Chenab (d) Ravi
19. Which type of climate is having the following characteristics?
1. Mean annual temperature is above 18°C
2. Seasonal rainfall (in summer)
3. Stretches over the rain shadow region.
(a) **Semi Arid Steppe Climate** (b) Hot desert climate
(c) Mesothermal climate (d) Tropical Moist Climate
20. Ozone layer concentrates mainly above 10 to 15 km from the earth's surface. This layer is known as
(a) Troposphere (b) **Stratosphere** (c) Mesosphere (d) Ionosphere
21. Choose the correct options among the following major tribes in Tamil Nadu
1. Kurumbas
2. Paniyan
3. Toda
4. Bhaina
(a) 1, 2 and 4 (b) 1, 3 and 4 (c) **1, 2 and 3** (d) 1, 2 and 3
22. Name the type of government existed during the Gupta period
(a) Polyarchy (b) **Monarchy** (c) Anarchy (d) Autarchy
23. Khwaja Jahan was the Wazir of the following Sultan
(a) **Mohamed Bin Tuglaq** (b) Firoz Tughlaq
(c) Mohamed I (d) Tuglaq Shah II
24. Which among the following dynasties levied the tax known as "Chauth"?
(a) **Marathas** (b) Cholas (c) Chandellas (d) Mauryas

25. The last ruler of Sangama Dynasty ---
(a) DevaRaya-I (b) MallikarjunaRaya
(c) **Virupaksha-II** (d) DevaRaya-II
26. Konark Sun Temple is also called as
(a) Blue Pagoda (b) Golden Pagoda (c) **Black Pagoda** (d) White Pagoda
27. An astronomical observatory near Dauladabad was built by
(a) Alauddin Hasan Gangu (b) Mohamed Gawan
(c) Humayun Shah (d) **Firoz Shah Bahmini**
28. Every person has the right to freely practice his or her faith established and maintain Religious and Charitable Institutions.
(a) Rights to Freedom (b) Rights to Equality
(c) Cultural and Educational rights (d) **Rights Freedom of Religion**
29. Who described "Administrative Law as contrary to the Rule of Law?"
(a) P.C.Jain (b) **A.V.Dicey** (c) Ivor Jennings (d) C.F.Strong
30. The aim of appointing the Sarkaria commission was to make recommendations on
(a) Eradicate corruption (b) **Centre-State relation**
(c) Develop Local Administration (d) Study the levels of Administration
31. Which article of the Indian constitution states that the Executive Power of the state shall be vested with the Governor?
(a) Article 153 (b) **Article 154** (c) Article 155 (d) Article 156
32. Which of the following is not matched correctly?
(a) The protection of Civil Rights Act – 1955 (b) The Wildlife Protection Act – 1972
(c) The Forest Conservation Act – 1980 (d) **The Representation of People's Act – 1957**
33. Which of the following statements are true about fundamental duties?
1. To provide free and compulsory education to children between the age 6-14 years.
2. To safeguard public property
3. To develop Scientific Temper
(a) 1 only (b) 2 and 1 only (c) 2 and 3 only (d) **1, 2 and 3**
34. 1. The fundamental Rights are enshrined in Part III of the constitution from Article 12 to 35
2. Part III of the constitution is rightly described as the Magna Carta of India.
Which of the above statement is/are true?
(a) 1 only (b) 2 only (c) **1 and 2** (d) None of the above
35. The foundational objective of enacting the Right to Information Act is to ensure ----
(a) Social Justice
(b) Economic development
(c) Efficiency and effectiveness of governance
(d) **Accountability and transparency in governance**
36. Delhi has emerged as the National Capital territory with a legislature and a council of ministers by
(a) 65th Constitutional Amendment (b) 67th Constitutional Amendment
(c) **69th Constitutional Amendment** (d) 71st Constitutional Amendment

37. According to the Human Development Report (2020) India ranked at ----- Place.

- (a) 159 (b) **131** (c) 100 (d) 50

38. The lines "We can't live a happily as islands in a sea of poverty" were propounded by

- (a) Mr.Nilkantha Rath (b) **M.S.Swaminatha**
(c) Dr.V.M.Dandekar (d) Mr.P.D.Ojha

39. Arrange the following events in Chronological Order

1. Regional Rural Banks
2. Seeds Bill
3. Comprehensive Crop Insurance Scheme
4. Kisan Credit Card

- (a) 3, 1, 2, 4 (b) 2, 3, 4, 1 (d) **1, 3, 4, 2** (d) 4, 2, 3, 1

40. Which one tax is not related to direct tax?

- (a) Gift Tax (b) Wealth Tax (c) Income Tax (d) **Customs Duty**

41. Which of the following function/s is/are performed by the Reserve Bank of India?

1. Issue of currency
2. Control of Bank Credit
3. Bankers to the Government
4. Control of Exchange rate

- (a) 1 only (b) 2 only (c) 1, 2 and 4 only (d) **1, 2, 3 and 4**

42. Ata Innovation Mission was developed by -----

- (a) NASSCOM (b) **Niti Aayog**
(c) Bharat Interface for Money App (d) Pradhan Mantri Gram Sadak Yojana

43. State whether the statements are true or false

1. In mixed economy, both public and private sector Co-existence
2. Mixed economy followed by India

- (a) **Both 1 and 2 are true** (b) Both 1 and 2 are false
(c) 1 is true but 2 is false (d) 1 is false but 2 is true

44. "----- with their blood sacrificed, these heroes have established traditions, which the future soldiers of free shall have to uphold". Who delivered this statement to the soldiers on 18th March 1944?

- (a) **Subhash Chandra Bose** (b) Pattabhi Sittaramayya
(c) Captain Lakshmi Sahgal (d) Rash Behari Bose

45. The famous Patriotic song "Sare Jahanse Ache" was composed by -----

- (a) **Mohammed Iqbal** (b) Nehru (c) Tagore (d) Syed Ali

46. The "Do or Die" campaign became popular through -----

- (a) Khilafat Movement (b) Non Co-operation Movement
(c) Civil Disobedience movement (d) **Quit India Movement**

47. Who was known as the Heroine of Quit India Movement?

- (a) **Aruna Asaf Ali** (b) Madam Cama (c) Annie Besant (d) Ambika Charan

48. Rajaji started the civil disobedience movement on -----

- (a) March 12, 1930 (b) **April 13, 1930** (c) April 29, 1930 (d) April 30, 1930

49. Sardar Bhagat Singh was hanged at -----

(a) Delhi (b) **Lahore** (c) Calcutta (d) Chittagong

50. Choose the right answer: In which place Lord Canning published the Queen's Proclamation on 1858?
(a) **Allahabad** (b) Delhi (c) Bengal (d) Kanpur

51. Adichchanallur site was first excavated by
(a) John Marshall (b) **Andrew Jagor** (c) Bruce Foote (d) Cunning Ham

52. What does the word "Sangam" denotes?
(a) Assembly of Elders (b) Assembly of Artists
(c) **Assembly of Tamil Poets** (d) Assembly of Tamil Kings.

53. The battle that gave a severe blow to the Vijayanagar Empire and there by paved the way for the transfer of capital from Vijayanagar to Renukonda was -----
(a) **Battle of Talaikotta** (b) Battle of Toppur
(c) Thiru Purambiam War (d) First Carnatic War

54. On 2nd November 1927, the Manimegalai Sangam, a Devadasi Women's Association organised a meeting at Coimbatore under the presidentship of -----
(a) **Choudri.V.Konambal** (b) Dr.Muthulakshmi
(c) Mrs.Annamma Raja (d) Mrs.Annie Besant

55. Who among the following personalities introduced the "Self Respect Marriage Protection Act" in 1968?
(a) **Perarignar Anna** (b) Rajaji (c) Bhaktavatchalam (d) Kamarajar

56. C.N.Annadurai join the Justice Party in -----
(a) 1925 A.D. (b) **1935 A.D.** (c) 1940 A.D. (d) 1947 A.D.

57. Why EVR Periyar started Self-respect movement?
(a) **To abolish caste system** (b) To abolish religious
(c) To abolish Brahmanism (d) To abolish congress

58. As what animal should we become while doing a work; from the Kural "Kokoka Koombum Paruvathu"?
(a) **Crane** (b) Turtle (c) Rabbit (d) Ant

59. What are the vices of the King according to Thirukkural that makes the King not liked or offensive?
(a) Unwanted pleasure (b) False honor (c) Stinginess (d) **All three**

60. True saints need not show so by their outward appearance, if they abstain from things that are universally considered wrong would automatically lead them to sainthood-State the kural with this meaning.

(a) Vaanuyar Thotram Evanseyyum Thannenjam
Thaanari Kutrap Patin
(b) Purangundri Kantanaiya Renum Akagundri
Mukkir Kariyaar Utaitththu
(c) Manaththadhu Maasaaka Maantaar Neeraati
Maraindhozhukku Manthar Palar
(d) **Mazhiththalum Neettalum Ventaa Ulakam
Pazhiththathu Ozhiththu Vidin.**

61. What action is greater than the world itself?

- (a) **Timely Help** (b) Help in anticipation of benefit
(c) Assistance in a timely manner (d) Useful help

62. Who wrote the drama titled "Yaarukkum Vetkamilla?"

- (a) Mouli (b) Crazy Mohan (c) **Cho** (d) S.V.Sekar

63. Which of the Azhwar is very much involved in Ramavataar?

- (a) **Kulasekarar** (b) Periyalwaar
(c) Aandaal (d) Thirumazhisaiyalwaar

64. Who is the author of "Mullai Paattu"?

- (a) Nallanthuvanaar (b) Nathathathanaar (c) Nakeerar (d) **Napboothanaar**

65. Match the following:

- | | |
|--------------------|-------------------------|
| a. Nazhigai Vattil | 1. Smaller measure |
| b. Nazhi | 2. Larger cubic content |
| c. Ambaram | 3. Measuring horse gram |
| d. Padhakku | 4. Hour gram |

- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| a. | 3 | 4 | 1 | 2 |
| b. | 2 | 3 | 4 | 1 |
| c. | 4 | 1 | 2 | 3 |
| d. | 1 | 2 | 4 | 3 |

66. In Tamilnadu the Electronic National Agricultural Market Portal was launched in -----

- (a) April, 2015 (b) **April, 2016** (c) April, 2017 (d) June, 2016

67. ----- is the first state to establish Bio-technology park for women in India.

- (a) **Tamil Nadu** (b) Kerala (c) Gujarat (d) Punjab

68. Match the Industrial Development of Tamil Nadu as per the policy note of Govt. of Tamil Nadu 2021-22 with their corresponding ranks given in Indian level

- | | |
|-------------------------------------|-----------|
| (a) Textiles | 1. First |
| (b) Food processing | 2. Second |
| (c) Rubber and Plastic | 3. Third |
| (d) Automobiles and Auto Components | 4. Fourth |

- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| a. | 1 | 3 | 2 | 4 |
| b. | 3 | 2 | 4 | 1 |
| c. | 2 | 4 | 3 | 1 |
| d. | 4 | 1 | 3 | 2 |

69. Which is the first state to employ differently abled, in the Mahatma Gandhi National Rural Employment Guarantee scheme?

- (a) **Tamil Nadu** (b) Kerala (c) Karnataka (d) Gujarat

70. TNHSRP focuses in particular the projects:

1. Reducing material and neo-natal mortality rates in Tamil Nadu
2. Improving tribal health
3. Facilitating use of hospitals by underprivileged groups
4. Accidental care

- (a) 1 is true but 4 is false
(b) Both 1 and 3 are true; and 4 is not correct answer

(c) 4 is true 3 is false

(d) Both 1 and 4 are true, 2 is false

71. Tamil Nadu Police Museum is located at

(a) Saidapet (b) Triplicane **(c) Egmore** (d) Tambaram

72. Tamil Nadu social Welfare Board (T.N.S.W.B) was formed in the year

(a) 1953 **(b) 1954** (c) 1955 (d) 1965

73. Tamil Nadu government has decided to introduce -----% of horizontal reservation for government schools in admission to medicine engineering and other courses.

(a) 6.5% (b) 7.3% **(c) 7.5%** (d) 7.7%

74. Match the following:

	Association/Party				Year of the formation/Establishment
a.	Madras Dravidian Association				1. 1916
b.	Self Respect Movement				2. 1925
c.	South Indian Liberal Federation				3. 1944
d.	Dravida Kazhagam				4. 1912

	a	b	c	d
a.	4	2	1	3
b.	1	2	4	3
c.	4	1	2	3
d.	2	4	1	3

75. Swadeshi Steam Navigation Company was launched by V.O.Chidambaranar at Thoothukudi. He purchased two ships ----- and ----- and plied them between ----- and -----

(a) Galia and Lavo; Thoothukudi and Colombo

(b) Tania and Galia; Thoothukudi and Burma

(c) Tania and Lavo; Poombhukar and Burma

(d) Galia and Tania; Thoothukudi and Indonesia

76. Lokesh invested ₹.10, 000 in a bank that pays an interest of 10% per annum. He withdraw the amount after 2 years and 3 months. Find the interest he receives

(a) ₹.7, 750 (b) ₹.2, 000 **(c) ₹.2, 250** (d) ₹.2, 500

77. If a principal is getting doubled after 4 years, then calculate the rate of Simple interest

(a) 20% **(b) 25%** (c) 30% (d) 50%

78. In how many years will a sum ₹.5, 000 amount to ₹. 5, 800 at the rate of 8% per annum?

(a) 2 years (b) 2 1/2 years (c) 3 years (d) 1 year

79. Two dice are rolled together. Find the probability of getting a doublet or sum of faces as 4

(a) 1/9 (b) 4/9 (c) 5/9 **(d) 2/9**

80. A man has two children and atleast one of them is a girl. What is the probability that both children are girls?

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

81. At what rate percent per annum, compound interest will ₹.10, 000 amount to ₹.13, 310 in three years?

(a) 9% (b) 7% (c) 8 1/2 % **(d) 10 %**

82. In a Laboratory, the count of bacteria in a certain experiment was increasing at the rate of 2.5% per hour. Find the bacteria at the end of 2 hours if the count was initially 5, 05, 600
 (a) **531196** (b) 539611 (c) 511396 (d) 539116
83. The length, breadth and height of a cuboid are increased by 10%. Then the volume of the cuboid is increased by -----%
 (a) 30% (b) 33% (c) **33.1%** (d) 33.3%
84. The surface area of a sphere is 154 sq.m. Find its diameter.
 (a) **7 m** (b) 10.5 m (c) 14 m (d) 21 m
85. The volume of a cylindrical water tank is 1.078×10^6 litres. If the diameter of the tank is 7 m find its height.
 (a) **28 m** (b) 7m (c) 78 m (d) 18 m
86. If the HCF of two numbers 36 and 156 is 12, then its LCM is
 (a) **468** (b) 452 (c) 152 (d) 156
87. If t_n is the n^{th} term of A.P., then $t_{2n} - t_n$ is -----
 (a) **nd** (b) $(n+1)d$ (c) $(n-1)d$ (d) $nd + 1$
88. Next term in the sequence 3, 7, 13, 21, 31, is
 (a) 39 (b) 41 (c) **43** (d) 45
89. Find the value of $(1^3+2^3+3^3+\dots+15^3)-(1+2+3+\dots+15)$
 (a) 14400 (b) 14200 (c) **14280** (d) 14520
90. Find the GCD of the following:
 $(x^3-27), (x-3)^2, (x^2-9)$
 (a) **$(x-3)$** (b) $(x+3)$ (c) $(x-3)^2$ (d) $(x-9)$
91. The product of 2 two digit numbers is 300 and their HCF is 5. What are the numbers?
 (a) **(15, 20)** (b) (10, 30) (c) (50, 60) (d) (25, 12)
92. Study the following and answer: $[4 - 1/32 \times 2 + 10] / [7/3 - 8 \times 4 - 7] = ?$
 In the above mentioned problem, If all - are +, all / are x, all + are -, all x are / then, what will be the result?
 (a) 210 (b) 260 (c) **300** (d) 840
93. If AT=20, BAT = 40 then What will be equal to CAT?
 (a) 30 (b) 50 (c) **60** (d) 70
94. X, Y and Z can do a piece of work in 4, 6 and 10 days respectively. If X, Y and Z work together to complete the work, then find their separate shares if they will be paid ₹.3, 100/- for completing the job.
 (a) **1500:1000:600** (b) 600:1000:1500 (c) 700:1100:1300 (d) 1300:1100:700
95. Madhavi and Anbu bought two tables for ₹, 750 and ₹.900 respectively. What is the ratio of the Prices of tables bought by Anbu and Madhavi?
 (a) 3:4 (b) 4:3 (c) 5:6 (d) **6:5**
96. If the ratio of Green:Yellow:Black balls in a bag is 4:3:5, then how many balls in total are there in the bag, if you have 40 black balls in it?
 (a) 12 (b) 56 (c) 64 (d) **96**

97. 60 workers can spin a bale of cotton in 7 days, In how many days will 42 workers spin it?

- (a) 11 (b) 15 (c) 12 **(d) 10**

98. 4 typists are employed to complete a work in 12 days. If two more typists are added, they will finish the same work in ----- days.

- (a) 7 **(b) 8** (c) 9 (d) 10

99. A number when decreased by 20% gives 80. Find the number.

- (a) 200 **(b) 100** (c) 300 (d) 400

100. Simplify: $14p^5q^3/2p^2q - 12p^3q^4/3q^2$

- (a) $11p^3q^2$ (b) $3 p^6q^4$ **(c) $3 p^3q^2$** (d) $11 p^6q^4$

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