

Tnpsc Model Question Paper 13 – General Studies in English

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1. The number of Nephridia present in the excretory system of amphioxus is
(a) 70 pairs (b) 85 pairs (c) **90 pairs** (d) 75 pairs
2. In which animal the polytene chromosomes were discovered for the first time?
(m) Fruit fly (b) Drosophila (c) **Chironomous** (d) Housefly
3. When a bacterium is placed in nutrient solution if it moves positively towards the nutrient solution and the phenomenon is said to be what?
(a) Hibernation (b) Cytolysis (c) **Chemotaxis** (d) Turbidity
4. Why does solar energy considered as a preferred option of green energy?
(a) Non renewable (b) Non Availability (c) **Renewable** (d) Causes pollution
5. Anthracite is a ----- coal
(a) **High quality** (b) Medium quality (c) Low quality (d) Poor quality
6. Which one of the following is a salt of weak acid and weak base?
(a) Sodium chloride (b) Ammonium chloride
(c) Sodium acetate (d) **Ammonium acetate**
7. The SI unit for energy is
(a) Nm⁻¹ (b) Nsm⁻¹ (c) **Nm** (d) Ns⁻¹m⁻¹
8. When mechanical waves have a frequency below the audible range, these are called?
(a) Sonics (b) **Infrasonics** (c) Ultrasonics (d) Supersonics
9. During January 2002 – In which country the surgeons successfully implanted a heart from genetically modified pig. to man.
(a) Germany (b) Italy (c) UAE (d) **USA**
10. The Chief Minister of Tamil nadu has announced the “Non-Resident World Tamils Day” would be celebrated on
(a) **January 12** (b) January 7 (c) March 7 (d) March 12
11. National water mission campaign “Catch the Rain” launched in
(a) 22nd February, 2021 (b) **22nd March, 2021**
(c) 22nd April, 2021 (d) 22nd May, 2021
12. Which of the following scheme to support minority students for preparation of main examination who clear prelims conducted by UPSC?
(a) **Nai udaan** (b) Naya Savera (c) Nai Roshini (d) USTTAD
13. The Indian Institute of space science and technology located at
(a) Ahmedabad (b) Pune
(c) Bangalore (Bengaluru) (d) **Thiruvananthapuram**
14. The design of the National flag was adopted by the constituent Assembly of India on
(a) 20 June 1947 (b) **22 July 1947** (c) 20 June 1947 (d) 22 July 1947

15. On the occasion of 12th National voters Day 2021 the Election Commission gave the best state Award to ----- State chief electoral officer.
 (a) **Tamil Nadu** (b) Assam (c) Bengal (d) New Delhi
16. Match the following major tribes in India with their locations.
 (a) Bhils 1.Odisha
 (b) Bodos 2. Gujarat
 (c) Gonds 3. Jharkand
 (d) Mundas 4. Assam
- | | a | b | c | d |
|----|----------|----------|----------|----------|
| a. | 3 | 2 | 4 | 1 |
| b. | 3 | 1 | 4 | 2 |
| c. | 2 | 4 | 1 | 3 |
| d. | 2 | 3 | 4 | 1 |
17. Highest passenger density service in the world is provided by which of the following Indian Railway
 (a) **Mumbai Suburban Railway** (b) Kolkata Suburban Railway
 (c) Delhi Suburban Railway (d) Chennai Suburban Railway
18. Which one is not a man-induced hazards?
 (a) Physical Hazards (b) Chemical Hazards
 (c) Biological Hazards (d) **Planetary Hazards**
19. In the total length of the Cauvery, how much percentage of length flow into Tamil Nadu?
 (a) 41.0% (b) 46.0% (c) **56.0%** (d) 51.0%
20. In which year Himalayan Tsunami occurred in India?
 (a) **16th June 2013** (b) 6th August 2013 (c) 26 July 2010 (d) 16th July 2013
21. As per our Indian Constitution language comes under
 (a) **Eighth schedule** (b) Seventh schedule (c) Sixth schedule (d) Fifth schedule
22. Sambavati Kalyanam has written in the language of
 (a) Telugu (b) Tamil (c) Marathi (d) **Sanskrit**
23. Which country other than Indian Sub-continent has numerous Sanskrit inscriptions?
 (a) Afghanistan (b) Bangladesh (c) Pakistan (d) **South-East Asian countries**
24. Who shifted his capital from Gulbarga to Bidar in the Bahmini Kingdom?
 (a) **Ahamad Shah I** (b) Bahman Shah
 (c) Muhammad Shah I (d) Alauddin Mujahid Shah
25. Which pair is not correct?
 (a) **Shahjahan Nama-Shahjahan** (b) Tuzuk-i-Jahangiri-Jahangir
 (c) Tuzuki-i-Baburi-Babur (d) Humayun nama-Gulbadan Begum
26. Which port on the Western coast was attacked and plundered by Shivaji in 1664?
 (a) Goa (b) Bassein (c) Chaul (d) **Surat**
27. Which Delhi Ruler got himself free from "Khalifas?"
 (a) Qutb-ud-Din-Aibak (b) **Iltutmish** (c) Balban (d) Razia Begum

28. Which factor caused the end of Indus Valley Civilization?
 (a) Climatic change **(b) Earthquake** (c) Flood (d) Invasion
29. 33% reservation for women in Parliament and State Legislature Bill was first introduced during the tenure of which of the following Prime Ministers?
 (a) **Deve Gowda** (b) Rajiv Gandhi
 (c) ManMohan Singh (d) P.V.Narasimma Rao
30. Name the state which has established Lokayukta for the first time in India
 (a) Tamil Nadu (b) Bihar **(c) Orissa** (d) Rajasthan
31. The retirement age of High Court Judge is
 (a) 65 (b) 67 **(c) 62** (d) 61
32. Punchhi Commission was appointed on
 (a) **April 28, 2007** (b) April 29, 2007
 (c) April 30, 2007 (d) April 29, 2008
33. Who is the Chairman of the District Rural Development agency?
 (a) Credit planning officer (b) Rural Industries officer
(c) District collector (d) Additional collector
34. The president nominates ----- members to the Rajya Sabha
 (a) 10 members **(b) 12 members** (c) 11 members (d) 9 members
35. Name the committee that was appointed to make recommendations about fundamental duties
 (a) V.K.Sharma Committee (b) Santhanam committee
(c) Swaran Singh committee (d) Balwantraji Mehta committee
36. Which term was included in the Preamble of Indian Constitution in 1976?
 (a) Secularism **(b) Socialism** (c) Communism (d) All of the above
37. Identify the year in which National Rural Health Mission was launched
 (a) 2000 **(b) 2005** (c) 2010 (d) 2015
38. Under Pradhan Mantri Awas Yojana, Government has targeted 1 crore Pucca houses with basic amenities by 31st March, 2019 but ----- houses completed within the same period.
 (a) 1.05 crore houses **(b) 1.54 crore houses**
 (c) 0.95 crore houses (d) None of the above
39. Major features of Tenancy Act is/are:
 1. Fixity of tenure.
 2. Fair rent.
 3. Right to purchase land.
 (a) 1 only (b) 1 and 3 only (c) 2 and 3 only **(d) 1, 2 and 3**
40. Match the List I with List II and select the correct answer using the codes given below:
- | | |
|--------------------------------|------------------|
| List I | List II |
| a. Fourth Finance Commission | 1. A.M.Khusro |
| b. Eighth Finance Commission | 2. P.V.Rajmannar |
| c. Eleventh Finance Commission | 3. Y.B.Chavan |
| a b c | |

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

41. The Reserve Bank of India on ----- issued new Rs.200 denomination banknotes with the Mahatma Gandhi series, bearing signature of RBI governor Dr.Urijit Patel

- (a) 25.08.2016 (b) **25.08.2017** (c) 25.08.2018 (d) 25.08.2019

42. Match List I with List II and select the answer using the codes given below:

- | List I | | | | List II | | | |
|--------|-----------------------|----------|----------|----------|--------------------|--|--|
| a. | First five year plan | | | 1. | Industrialization | | |
| b. | Second five year plan | | | 2. | Self-sufficiency | | |
| c. | Fifth five year plan | | | 3. | Agriculture | | |
| d. | Sixth five year plan | | | 4. | Removal of poverty | | |
| | a | b | c | d | | | |
| a. | 1 | 3 | 2 | 4 | | | |
| b. | 4 | 3 | 2 | 1 | | | |
| c. | 3 | 1 | 4 | 2 | | | |
| d. | 4 | 2 | 1 | 3 | | | |

43. India ranks ----- in terms of nominal GDP among the world economy (2016-17)

- (a) Fourth (b) **Seventh** (c) Fifth (d) Tenth

44. Who announced in the House of commons to hand over power to the people of India?

- (a) Queen Victoria (b) Queen Elizabeth-II
 (c) Viceroy Lord Louis Mountbatten (d) **Prime Minister Attlee**

45. The civil disobedience movement was suspended by Gandhi due to

- (a) Gandhi-Ambedkar pact (b) **Gandhi-Irwin pact**
 (c) Gandhi-Wavell pact (d) Gandhi-Mountbatten pact

46. Who were popularly called as Trio?

- (a) Gandhi, Nehru and Patel (b) **Lal, Bal and Pal**
 (c) Gandhi, Nehru and Tagore (d) Nehru, Tagore and Nethaji

47. The provincial autonomy was the main recommendation of

- (a) Gandhiji (b) Rajaji (c) **Gokhale** (d) B.G.Tilak

48. The depressed classes were to be given fair representation in the local bodies election and services only by ----- pact.

- (a) **Poona** (b) Bombay (c) Calcutta (d) Allahabad

49. Who represented theosophy at the parliament of religion in 1893 in Chicago?

- (a) **Annie Besant** (b) Vivekananda (c) Rev.Frank Besant (d) Blavatsky

50. Match the following and choose the correct answer from the codes given below:

- | | | | | |
|-----|---------------------|----|----------------|---|
| (a) | Brijis Kadr | 1. | Faizabad | |
| (b) | Nana Sahib | 2. | Bihar | |
| (c) | Kunwar Singh | 3. | Nawab of Avadh | |
| (d) | Maulavi Ahamadullah | 4. | Kanpur | |
| | a | b | c | d |

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

51. The lives of the Sixty Three saiva Nayanmars were narrated in

- (a) Nalayira Prabhandham (b) Devaram
 (c) **Periyapuram** (d) Thiruvilaiyadal puranam

52. ----- war marks a turning point in the career of Karikala

- (a) **Venni** (b) Magadha (c) Avanti (d) Vajra

53. The second women president of the Indian National Cngress was

- (a) **Sarojini Naidu** (b) Annie Besant (c) Parvathi Devi (d) Padmasini Ammal

54. The Andhra Origin of the Pallavas was mentioned by

- (a) **K.A.Nilakanta Sastri** (b) K.P.Jayaswal
 (c) S.Krishnaswamy Iyengar (d) R.Sathianathier

55. E.V.Ramaswamy passed resolutions for the welfare of the women in the self-Respect conference at

- (a) Madras (b) Coimbatore (c) Salem (d) **Chengalpet**

56. The scheme of "Padiyarisi" was in introduced

- (a) Rajaji (b) Bakthavatsalam (c) Kamaraj (d) **C.N.Annadurai**

57. Justice party was formed by

- (a) **T.M.Nair** (b) P.Subbarayan
 (c) P.S.Kumaraswami Raja (d) C.Satyamoorthy

58. The proclamation of Marudu Brothers pasted on the ----- wall

- (a) **Fort of Tiruchi** (b) Fort of Sivagangai
 (c) Fort of Kaliyar Koil (d) Fort of Nerkkattum Seval

59. The third congress session held at

- (a) Bombay (b) **Madras** (c) Calcutta (d) Delhi

60. The Chola ruler directly participated in the battle of Thirupurambiam was

- (a) Vijayalaya Chola (b) **Aditya Chola** (c) Parantaga Chola (d) Rajendra Chola

61. The Chinese Pilgrim Hiuen T.Sang who visited Kanchi during the reign of

- (a) Mahendra Varman (b) **Narasimha varman**
 (c) Raja simha (d) Apparajithan

62. The leader undertook a fast unto death for demanding separate Andhara State was

- (a) **Potti Sriramulu** (b) Potti Subharayalu (c) T-Prakasm (d) Srinivasalu

63. During the Sangam period Kopperundevi, wife of Ariyappadai Kadandha Nedunjelian, died the moment of her husband died it was called as

- (a) The marakkarpu (b) Karpu (c) Sati (d) **The Arakarpu**

64. The discovery of Roman coins at Arikamedu help to confirm Indias trade contacts with Rome issued during ----- period.

(a) Copernicus (b) Julius (c) **Augustus** (d) Justinian

65. ----- was appointed as the First Woman Chair person of the state Social Welfare Advisory Board.

(a) Annei Besant (b) **Muthulakshmi** (c) Govindammal (d) Sundarambal

66. The main aims of "Nadanthai Vaazhi Cauvery" scheme is

(a) Construct check Dams on Cauvery basins (b) **Clean the River Cauvery**
(c) Pollute the river Cauvery (d) Link the river Cauvery with other rivers

67. According to the 66th round of NSS (2009-10), India among the total labour force Tamil Nadu contributes

(a) 6.74 percent (b) **7.74 percent** (c) 9.74 percent (d) 8.74 percent

68. 2013-14, the first rank in HDI attained by ----- district, according to Tamil Nadu human development Report

(a) **Kanyakumari** (b) Dharmapuri (c) Chennai (d) Ramanathapuram

69. In 2014-15, the Gender Inequality Index of the Tamil Nadu state, is the best in ----- District, according to Tamil Nadu Human Development report.

(a) Erode (b) Karur (c) **Nilgiris** (d) Vellore

70. In 2018, in Tamil Nadu, "Anti-Sterlite Struggle" of TN took place in

(a) Thanjavore (b) **Thoothukudi** (c) Kanya Kumari (d) Salem

71. In Tamil Nadu, the man-Animal conflict are mainly due to

(a) Hunting the Animals (b) **Crop damages by Wild Animals**
(c) Sound made by Animals (d) Conflict between the Animals

72. The purpose of App-Kaavalan SOS is

(a) **To find information of people location in Emergency**
(b) To count the mobility of Tigers in Forest
(c) To Assess the Accidents
(d) To manage the Road Accident

73. In 2019, the index of Good Governance of Tamil Nadu is

(a) 4.31 (b) **5.62** (c) 7.50 (d) 6.72

74. Tamil Nadu receives Maximum rain fall from ----- period

(a) **From October to December** (b) From January to May
(c) From June to September (d) August only

75. The eligible person for Tamil Nadu state Government distributed cow at free of cost is

(a) **The poorest of the poor women headed households**
(b) The landless Agricultural farmers
(c) The landless Agricultural wage workers
(d) The poorest of the poor men headed ouseholds

76. If $1+2+3+\dots+k = 55$ then the value of $1+2+3+\dots+k$

(a) **3025** (b) 3125 (c) 166375 (d) 171875

77. The 16th term and 26th term of an A.P. are 65 and 105 respectively then the sum of first 36 terms is

(a) 2000 (b) 2500 (c) 2600 (d) **2700**

78. What should come in the place of question mark in the series 20, 21, 25, 34, 50, ?, 111
(a) 75 (b) 70 (c) 65 (d) 60
79. Two dice are rolled once. What is the probability of getting a multiple of 3 in the first die
(a) $\frac{1}{3}$ (b) $\frac{1}{2}$ (c) $\frac{1}{6}$ (d) $\frac{2}{9}$
80. Find the next term of series B, C, E, G, -----
(a) I (b) J (c) K (d) H
81. A and B together can do a piece of work in 12 days. While B alone can finish it in 30 days. Find the number of days that A alone can finish the work
(a) 15 days (b) 18 days (c) 20 days (d) 25 days
82. 6 women or 8 men can construct a room in 86 days. How long will it take for 7 women and 5 men to do the same type of room?
(a) 35 days (b) 48 days (c) 30 days (d) 40 days
83. The curved surface area of a hemisphere is how much times the square of its radius
(a) 3π (b) 4π (c) π (d) 2π
84. How many frustums can a right circular cone have?
(a) infinitely (b) 3 (c) 2 (d) 1
85. If the circumference of the base of a conical wooden piece is 484 cm then find its volume when its height is 105 cm
(a) 652910 cm^3 (b) 652190 cm^3 (c) 59290 cm^3 (d) 59920^3
86. Total surface area of a hemisphere is how much times its curved surface area
(a) 2 (b) 3 (c) $\frac{3}{2}$ (d) $\frac{2}{3}$
87. If the perimeter of an equilateral triangle is 30 cm then the area is
(a) $10\sqrt{3}\text{cm}^2$ (b) $12\sqrt{3}\text{cm}^2$ (c) $15\sqrt{3}\text{cm}^2$ (d) $25\sqrt{3}\text{cm}^2$
88. Find the compound interest on Rs.31, 250 at 16% per annum compounded quarterly for 9 months
(a) Rs.3,500 (b) Rs.3,902 (c) Rs.4,000 (d) Rs.4,200
89. Find simple interest on Rs. 68, 000 at $16\frac{2}{3}\%$ per annum for 9 months.
(a) Rs.8,500 (b) Rs.7,500 (c) Rs.6,500 (d) Rs.8,000
90. If $2x : y = 8 : 5$, find $(3x + 3y) : (4x - 2y)$
(a) 6 : 2 (b) 2 : 6 (c) 9 : 2 (d) 2 : 9
91. If two numbers are in the ratio 3 : 4 and its product is 432 then the largest number is
(a) 15 (b) 20 (c) 24 (d) 30
92. The scale of a map is given as 1 : 30000000. Two cities are 4 cm apart on the map. Find the actual distance between them
(a) 120 km (b) 1, 200 km (c) 12, 000 km (d) 520 km
93. The product of two numbers is 1320 and their H.C.F. is 6. Then the L.C.M of the numbers
(a) 220 (b) 1314 (c) 1326 (d) 7920

94. The greatest number consisting of 6 digits which is exactly divisible by 24, 15, 36 is
(a) 999700 (b) **999720** (c) 999780 (d) 999999
95. When a number is decreased by 25% it becomes 120, find the number
(a) **160** (b) 120 (c) 180 (d) 150
96. The single discount which is equivalent to two successive discount of 20% and 25% is
(a) **40%** (b) 5% (c) 45% (d) 22.5%
97. Simplify : $[m^a/m^b]^{(a+b)} \times [m^b/m^c]^{(b+c)} \times [m^c/m^a]^{(c+a)} \times 1/m$
(a) **1/m** (b) m (c) 1 (d) $m^{(a+b+c)}$
98. The income of a person is increase by 10% and then decreased by 10% Find the change in his income.
(a) Increase 1% (b) **Reduced 1%** (c) NO Change (d) Increase 10%
99. A shopkeeper purchased 200 bulbs for Rs.10 each. However 5 bulbs were fused and had to be thrown away. The remaining were sold at Rs.12 each. Find the gain or loss%
(a) Loss 14.53% (b) Profit 15.43% (c) **Profit 17%** (d) Loss 18%
100. If $a=3\frac{1}{2}$, $b = 5\frac{3}{4}$, $c = 4\frac{3}{5}$, $d = 4\frac{3}{8}$ then $ab/cd = ?$
(a) 0 (b) **1** (c) 1/2 (d) 2