

Tnpsc Model Question Paper 4 – General Studies in English

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- If a person moving from pole to equator, the centrifugal force acting on him
 - Increase**
 - Decrease
 - Remains the same
 - Increase and then decrease
- According to Hooke's law
 - Stress \propto strain
 - Stress = E x strain
 - E = Strain/Stress
 - Both (A) and (B) are correct**
- Elephantiasis is caused by
 - Trypanosoma
 - Wuchereria bancrofti**
 - Ascaris lumbricoides
 - Plasmodium vivax
- Haemoglobin in Human has the highest affinity with which of the following gas?
 - Carbon monoxide**
 - Methane
 - Nitrous oxide
 - Carbon-di-Oxide
- India's most valuable test player of cricket in the 21st century by Wisden Magazine is
 - Sachin Tendulkar
 - Ravindra Jedgeja**
 - R.Ashwin
 - Virat Kohli
- The relief of Doklam, which is a trijunction of India, china and Bhutan is a
 - Mountain range
 - Plateau**
 - Plain
 - Hill
- The National song of India "Vande Mataram" was a part of Bankimchandra's most famous Novel
 - Maila aanchal
 - Pinjar
 - Anand math**
 - Poocho Parsai
- Name of 23rd Indian chief Election commissioner
 - Sunil Varma
 - Sunil Singh
 - Sunil Dhatta
 - Sunil Aroro**
- The forests are under the direct supervision of the Government and no public entry is allowed for collection of timber or grazing of cattle
 - Reserved Forests**
 - Protected Forests
 - Unclassified Forests
 - Broad-Leaf Forests
- Which one of the following is the right bank tributary of Godavari river?
 - Purna
 - Manjira**
 - Penganga
 - Indravathi
- The place associated with Shivaji
 - Shivneri**
 - Yercaud
 - Ahmed Nagar
 - Hampi
- Which of the following pair are correctly matched.

Hills	Region
1. Cardamom hills	Coromandel Coast
2. Kaimur hills	Konkan Coast
3. Mahadeo hills	Central India
4. Mikir hills	North-East India

 - 1 and 2
 - 2 and 3
 - 3 and 4**
 - 2 and 4
- Slaves who were in great demand under the Mughals were
 - Africans
 - Afghans
 - Abyssinians**
 - Persians

14. "The Gupta period is in the annals of classical India almost what the Periclean age is in the History of Greece". Who said the above statement?

- (a) Dr.V.A.Smith (b) Dr.Keith (c) Dr.Altekar (d) **Barnett**

15. The concept of equality before law is an element of the concept of

- (a) Administrative law (b) International Law
(c) **Rule of law** (d) Constitutional law

16. Which of the following are the limitations on the sovereignty of Indian parliament?

1. Fundamental rights
2. Judicial review
3. Fedearalism
4. Written constitution

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

17. The duties of the state been listed in which part of the Indian Constitution?

- (a) Preamble (b) Fundamental Rights
(c) **Directive principles of State Policy** (d) Fundamental Duties

18. Articles 14 to 18 of the Indian Constitution explain

- (a) Fundamental duties (b) Election (c) **Right to equality** (d) Judiciary

19. "The centre would levy and collect the IGST on all inter-state supply of goods and services". What does I in IGST stands for?

- (a) Internal (b) Intra (c) **Integrated** (d) Intramural

20. In India poverty continues to persist because of

- (a) Rising prices (b) Rising population
(c) Lack of opportunities for employment (d) **All of these**

21. Paper currency system is managed by the

- (a) **Central monetary authority** (b) State Government
(c) Central Government (d) Reserve Bank of India

22. The Sarvodaya plan was formulated by

- (a) **Jaiprakash Narayan** (b) Mahatma Gandhi (c) Acharya Vinoba Bhave (d) M.N.Roy

23. Who remarked these words "Tell me what share I am to have in the swaraj"?

- (a) Sir Syed Ahmed Khan (b) Gopala Krishna Gokhale
(c) **B.R.Ambedkar** (d) B.G.Tilak

24. ----- was the editor of the Journal Bharat Mata

- (a) Sufi Ajit Singh (b) **Sufi Amba Prasad** (c) Lal Chand (d) Dhanpat Rai

25. The book "Poverty and Un-British rule in India" was written by

- (a) **Dadabhai Naoroji** (b) G.V.Joshi (c) R.C.Dutt (d) Ranade

26. Arrange the following events in chronological order

1. Moplah Rebellion
2. Santhal's Rebellion
3. The Great Revolt
4. Champaran

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

27. Samarasa Suddha Sanmarga Sangam was established by

- (a) Chattambi Swamigal (b) Narayana Guru
(c) **Ramalinga Adigal** (d) Ramana Maharishi

28. Which one of the statements is/are incorrect regarding Deeran Chinnamalai?

1. Deeran Chinnamalai participated in the Anglo Mysore war
2. He organised the soldiers of the Kongu region against the British
3. In 1802 he defeated by the Maxwell in the battle of Odanilai
4. He hanged by British at Sankakiri

- (a) 1 is correct 2,3,4 are incorrect (b) 1,2 are correct, 3,4 are incorrect
(c) **1,2,4 are correct 3 is incorrect** (d) 1,2,3 are correct 4 is incorrect

29. Find out the author of the novel "Auttrankarai Pillaiyar" from the following:

- (a) Aringnar Anna (b) Jayakanthan
(c) Thu.Sa.Iraamamirtham (d) **Pudumaipithan**

30. The playwright Sambantham's "The Sabaapathi" belongs to

- (a) Imitation (b) **Comedy** (c) Detective (d) Socialistic

31. "Nadamada Kovil Nambarku rendru eyil
Padamada kovil Pakavarku Adu Aame"

- the meaning of this "Thirumanthira Padal"

- (a) Whatever you give to God reaches man
(b) **Whatever given to man as charity goes to God**
(c) To help human beings is not the way to reach God
(d) To attain Godliness give everything to God

32. Who has written the Paasurungal (hymns) called "Pallamadai"?

- (a) Thirumangaiyalvar (b) Sundarar (c) **Aandaal** (d) Manickavasagar

33. Pugal Yenin yuirm kodukkubavar pazhi yenin

Ulagudan Perinum kollalaar –

(for reputation they give their life – for guilt they won't accept even if you offer this world)

This Purananutru padal indicates

- (a) **Wisemen (Sandrorgal)** (b) Kings (Arasargal)
(c) Poets (Pulavargal) (d) Warriors (Veerargal)

34. The Government Final Consumption Expenditures (GFCE) comprises of the followings:

- i. Revenue expenditure
- ii. Gross purchase of goods and services
- iii. Consumption of fixed capital
- iv. Consumption of variable capital

Select the correct one combination

- (a) i and ii only (b) **i and iii only** (c) ii and iii only (d) i and iv only

35. Consider the following Statements:

1. SAKTHI scheme is for women
2. Poorna Sakthi Kendra is for women
3. Villae convergence and facilitation service is for women
4. NAV-YUVAK scheme for women

Among these which are correct?

- (a) 1 and 4 are correct (b) **3 and 4 are correct**

(c) 2 and 4 are correct (d) 1,2,3 are correct

36. Assertion (A): The one stop crisis centre supports all women above 18 years of age affected by violence.

Reason (R): For girls below 18 years of age institutions and authorities established under Juvenile Justice Act and POCSO Act, 2012 will support

- (a) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (b) (A) is false and (R) is true**
- (c) (A) is true and (R) is false
- (d) Both (A) and (R) are true and (R) is not the correct explanation of (A)

37. The Tamil Nadu State Action Plan on Climate Change (TNSAPCC) has identified vulnerable sectors for development. Select the appropriate sectors from the below list:

- 1. Sustainable agriculture
- 2. Water Resources
- 3. Industrial Pollution
- 4. Coastal Area management
- 5. Sustainable Habitat
- 6. Knowledge management

Select the correct answer by using the codes given below:

- (a) 1,2,4,5 and 6**
- (b) 2,3,4,5 and 6
- (c) 1,3,4,5 and 6
- (d) 1,2,3,4 and 5

38. Match the following:

Productivity position if Tamil Nadu at national level

Crop	Position of Tamil Nadu at National Level				
a. Total pulses	1. One				
b. Total Oilseeds	2. Two				
c. Rice	3. Three				
d. Sugarcane	4. Four				
e. Coarse cereals	5. Eight				
	a	b	c	d	e
a.	5	1	2	3	4
b.	5	4	3	2	1
c.	4	1	5	3	2
d.	3	2	4	1	5

39. In how much time will a sum of ₹.1,600 amount to ₹.1,852.20 at 5% per annum compound interest?

- (a) 2 years
- (b) 5 years
- (c) 4 years
- (d) 3 years**

40. Find the ratio : 666 gm to 6 kg

- (a) 111 : 1
- (b) 111 : 10
- (c) 111 : 100
- (d) 111 : 1000**

41. Find the next letter

R, U, X, A, D, -----

- (a) E
- (b) H
- (c) G**
- (d) F

42. Find out the next number in

840, 168, 42, 14, 7, -----

- (a) 7**
- (b) 1
- (c) 0
- (d) -7

43. A can do a piece of work in 12 hours, B and C can do it 3 hours whereas A and C can do it in 6 hours. How long will B alone take to do the same work?

- (a) 2 hours
- (b) 5 hours
- (c) 7 hours
- (d) 4 hours**

44. A works 3 times as fast as B and is able to complete a task in 24 days less than the days taken by B. Find the time in which they can complete the work together.
 (a) 4 days (b) 6 days (c) **9 days** (d) 7 days
45. Find the compound interest on ₹.15,625 for 6 months at 16% per annum compounded quarterly
 (a) ₹.1,300 (b) ₹.1,325 (c) ₹.1,250 (d) **₹.1,275**
46. At what rate per annum will ₹.8,000 amount to ₹.9,261 in 3 years. When interest is being compounded annually?
 (a) 3% (b) 4% (c) **5%** (d) 2%
47. 12 cows can graze a field for 10 days. 20 cows can graze the same field for ----- days
 (a) 15 (b) 18 (c) **6** (d) 8
48. Find x if $x : 4/9 = 3/11 : 5/33$
 (a) 3/7 (b) 11/15 (c) **4/5** (d) 3/17
49. Find HCF of $x^2 + xy, x^3 y^2 + x^2 y^3$
 (a) **x (x + y)** (b) $x^2 + xy$ (c) $x^3 y^2 + x^2 y^3$ (d) $xy (x + y)$
50. What is the HCF of $x^4 - 1$ and $x^2 - 1$?
 (a) **(x+1)(x-1)** (b) $(x - 1)^2$ (c) $x^2 - 1$ (d) $(x + 1)^2$
51. The frequency range of X-rays are
 (a) **10^{17} Hz to 10^{19} Hz** (b) 10^{10} Hz to 10^{12} Hz (c) 10^5 Hz to 10^{12} Hz (d) None of the above
52. Above the curie temperature, a magnetic materials become
 (a) Ferro magnetic (b) **Para magnetic** (c) Dia magnetic (d) Ferri magnetic
53. When the full moon is at the closest point (perigee) of its orbit to Earth it looks bigger and brighter, when we see it farthest point (apogee) from earth is called
 (a) Lunar Eclipse (b) Blood moon (c) Blue moon (d) **Super Moon**
54. The basis of life is
 (a) Amino acids (b) Proteins (c) Lipoproteins (d) **Nucleic acids**
55. The digital India campaign was launched in the year
 (a) 2016 (b) 2014 (c) **2015** (d) 2017
56. Match the following:
- | | Book | | | | Author | | | |
|--|----------|----------|----------|----------|--------------------|--|--|--|
| 1. If it bleeds | | | | | 1. R.C.Bhargava | | | |
| 2. The Endgame | | | | | 2. Stephen King | | | |
| 3. Getting competitive a prationer guide for India | | | | | 3. V.Pattabhiram | | | |
| 4. Future of Higher education: nine mega trends | | | | | 4. S.Hussain Zindi | | | |
| | a | b | c | d | | | | |
| a. | 2 | 4 | 1 | 3 | | | | |
| b. | 2 | 3 | 4 | 1 | | | | |
| c. | 3 | 2 | 1 | 4 | | | | |
| d. | 1 | 2 | 3 | 4 | | | | |
57. Match the following:

Nobel prize 2020 Laureates				Field
a. Harvey J.Alter, Michael Houghton and Charles M.Rice				1. Literature
b. Emmanuelle Charpentier and Jennifer A.Doudna				2. Economics
c. Louis Gluck				3. Medicine
d. Paul.R.Milgrom and Robert B.Wilson				4. Chemistry
	a	b	c	d
a.	1	3	4	2
b.	3	4	1	2
c.	2	4	3	1
d.	4	2	1	3

58. In which tribal group of India does Afghan and baloch Brahuri group belongs to?

- (a) **Turko-Iranian Tribe** (b) autraloid (c) Nigeroid (d) Cacavside

59. The width of the broad gauge railway is

- (a) 1.576 m (b) **1.676 m** (c) 1.776 m (d) 1.876 m

60. Which is the Mountain peak in India that is also known as "The five treasures of snows?"

- (a) Mount Abu (b) Gurushikar (c) Anaimudi (d) **Kanchenjunga**

61. Harihara and Bukka served under the Kaktiya ruler of Warangal was

- (a) PrataParudra I (b) **PrataParudra II** (c) PrataParudra III (d) PrataParudra IV

62. Name the person who was associated with the News paper "Sambadh Kaumudi"

- (a) **Raja Ram Mohan Roy** (b) Swami Dayanand Saraswathi
(c) Dadabhai Naoroji (d) Keshav Chandra Sen

63. Regarding the taxation system of Krishna Deva, the ruler of Vijayanagar. Consider the following statements:

- The tax rate on Land was fixed depending on the quality of the Land.
- Private owners of workshops paid on industries tax

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only (c) **Both 1 and 2** (d) Neither 1 nor 2

64. How many strata of buildings have been revealed at Mohenjadaro?

- (a) Six (b) Seven (c) Eight (d) **Nine**

65. The First All India conference of Lokayuktas and Upa-Lokayuktas was held in

- (a) **Shimla** (b) Calcutta (c) Goa (d) Banglore

66. Who will act as the President of India when the office of the President and the Vice President are vacant?

- (a) The Chief Election Commission (b) The Prime Minister
(c) **The Chief Justice of India** (d) The Speaker of Lok Sabha

67. When was the first Lok Sabha dissolved?

- (a) 26 January, 1957 (b) **04 April, 1957** (c) 15 August, 1957 (d) 02 October, 1957

68. In the Kesavananda Bharati Case, the Supreme Court declared that

- The preamble to the constitution of India is not a part of the constitution;
- The preamble to the constitution of India is a source of power and a source of limitation and prohibition;

3. The preamble is an integral part of the India constitution

- (a) i only (b) **iii only** (c) i and ii (d) ii and iii

69. Swaranajayanti Gram Swarozgar Yojana (SGSY) was restructured as,

- (a) The Integrated Rural Development programme
 (b) The Swarana Jayanthi Shahari Rozgar Yojana
 (c) **National Rural Livelihoods Mission**
 (d) The National rural Employment programme

70. In India goods and service tax was implemented on

- (a) June 1, 2017 (b) **July 1, 2017** (c) April 1, 2018 (d) August 1, 2018

71. ASPIRE was launched in the year 2015 for the purpose of,

- (a) To improve the Educational standard of the rural poor
 (b) To Increase the Employment opportunity in the urban centres.
 (c) **To accelerate Entrepreneurship and promote start-up**
 (d) To Enhance the Educational facilities in the rural areas

72. Which of the following is not associated with Gopal Krishna Gokhale?

- (a) **Monthly Magazine, "Voice of India"** (b) Poona Servaj Samaj
 (c) Servants of India Society (d) Secretary of Indian National Congress, 1903

73. In 1937 Mahatma Gandhi published a series of articles in his paper. The Harijan and proposed a scheme of education called -----, better known as the Wardha scheme.

- (a) Elementary education (b) **Basic education**
 (c) Secondary education (d) Higher education

74. Bhagat Singh, Raj Guru, Sukh Dev were hanged on

- (a) **March 23, 1931** (b) March 25, 1931 (c) March 27, 1931 (d) March 30, 1931

75. "Dravida Nadu" was the magazine of which party?

- (a) Dravida Kazhagam (b) Dravida Munettra Kazhagam
 (c) Marumalarchi Dravida Munettra Kazhagam (d) **Justice party**

76. Match the following:

- | | |
|-------------------|----------------------|
| a. Swedeshamitran | 1. Young Radicals |
| b. Gita | 2. De facto Editor |
| c. Bala Bharat | 3. Tamil Translation |
| d. The India | 4. Sub Editor |

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

77. Namakkal Kavinger's song "Without sword without blood one war has come" was first sung during:

- (a) Non-Co-operation Movement (b) **Vedaranya Salt Satyagraha**
 (c) Gandhi's visit to Madurai in 1936 (d) Quit India Movement

78. "----- men to share his meal

The hand of hunger's sickness sore shall never feel".

In the above Thirukkural, whom the hunger never affects/

- (a) A rich person
(c) A saint
- (b) A virtuous person
(d) **One who shares the food with others.**

79. Match correctly the sangam lands with related Gods

- | | |
|------------|--------------|
| a. Marudam | 1. Varunan |
| b. Neydal | 2. Indra |
| c. Palai | 3. Mayon |
| d. Mullai | 4. Kottravai |

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

80. "An envoy (ambassador) meet with Gowravas is fearless potentialities as already the sacrifice (vallal) Akkuran composed the history"

Identify the correct meaning for the statement from the four alternatives given below:

- (a) **Before the composing of Ramayana, the Great war of India was written in Tamil**
(b) It talks about Gowravas
(c) It denotes the sacrifice Akkuran
(d) It is the history of the ambassador who went for peace to Gowravas

81. In Arikamedu, the excavation was conducted by

- (a) Dr. Jagor (b) Steward (c) Robert Bruce Foote **(d) Martimer Wheeler**

82. Name the metal used by the people of South India from the Sources

- (a) Copper** (b) Gold (c) Silver (d) Iron

83. Consider the following:

1. It is a tool for managing decision making by combining both spatial and non-spatial data
2. Avoid in accuracy in GIS data collected by various departments
3. To monitor agricultural land holdings.
4. To create a generic model of GIS

Identify the major objectives of Tamil Nadu Geographical System (TNGIS) and answer the codes given below:

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

84. The Tamil Nadu State Governement programme which is conducting adolescent clinics at the schools for the promotion of school children's health is

- (a) Nalamana Tamizhagam **(b) Vazhvoli Thittam**
(c) Pudhu Vazhvu Thittam (d) Kudumba Nala Thittam

85. The social reform wing envisaged by E.V.R. periya after his visit to Soviet Union was

- (a) Self-respect socialist party **(b) Self respect league**
(c) Thani Tamil Iyakkam (d) Republic

86. Consider the following:

1. Collective farming
2. Micro irrigation with 100 per cent subsidy
3. Uzhavan Mobile App
4. Setting up solar powered pump sets
5. Natural farming

Indian chamber of food and Agriculture selected Tamil Nadu as a best agricultural state. Few of them are listed above. Select the correct reasons for the awards from the said reasons.

- (a) 1,2,4 and 5 (b) **1,2,3 and 4** (c) 2, 3, 4 and 5 (d) 1, 3, 4 and 5

87. The AMRUT Mission in Tamil Nadu focuses on

- (a) **Provision of basic services** (b) Milk Production
(c) Rural transformation (d) Education

88. The interest for a principal of ₹,4,500 which gives an amount of ₹,5,000 at end of certain period is.

- (a) **₹.500** (b) ₹.200 (c) 20% (d) 15%

89. If $X = (-1)^1 + (-1)^2 + (-1)^3 + (-1)^4 + \dots$ 25 terms, $Y = (-1)^1 + (-1)^2 + (-1)^3 + (-1)^5 + \dots$ 25 terms. Then $X^2 + Y^2$ is

- (a) -625 (b) +624 (c) **626** (d) -626

90. Find the number of term in the number series 3,6,9, ..., 111

- (a) **37** (b) 38 (c) 36 (d) 42

91. Sum of digits of a two digit number is 9. Its digits are reversed when 27 is added to that number then the number is?

- (a) 69 (b) **36** (c) 47 (d) 63

92. Simplify

$$\sqrt{49 + \sqrt{220 + \sqrt{16 + \sqrt{81}}}}$$

- (a) 15 (b) 12 (c) **8** (d) 7

93. If area of a quadrilateral having one diagonal 7 cm is 63 cm^2 and if length of perpendiculars drawn from the opposite vertices to that diagonals are 5 cm and x cm then value of x is

- (a) 9 cm (b) 23 cm (c) 35 cm (d) **13 cm**

94. The floor of an office building consists of 200 rhombus shaped tiles and each of its length of the diagonals are 40 cm and 25 cm. Find the total cost of polishing the floor at ₹.45 per Sq.m

- (a) ₹.900 (b) ₹.200 (c) ₹.4,500 (d) **₹.450**

95. A sum of ₹.48,000 was lent out at simple interest and at the end of 2 years and 3 months the total amount was ₹.55,560. Find the rate of interest per year

- (a) 6% (b) **7%** (c) 8% (d) 9%

96. In what time will ₹.5,600 amount to ₹.6,720 at 6% per annum?

- (a) $2 \frac{1}{3}$ years (b) $2 \frac{2}{3}$ years (c) $3 \frac{2}{3}$ years (d) **$3 \frac{1}{3}$ years**

97. There are 50 students in a class. If 14% are absent on a particular day. Find the number of students present in the class.

- (a) 36 (b) 7 (c) **43** (d) 38

98. 72% of 25 students are good in Mathematics. How many are not good in Mathematics?

- (a) 5 Students (b) 6 Students (c) **7 Students** (d) 8 Students

99. The L.C.M. of two co-prime numbers is 5005. If one of the numbers is 65, then find the other number.

- (a) 65 (b) 66 (c) 1 (d) **77**

100. If $48\% \text{ of } 48 = 64\% \text{ of } x$, then $x =$

- (a) 64 (b) 56 (c) 42 (d) **36**