

Tnpsc Model Question Paper 24 – General Studies in English

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- Application of Cathode Ray Oscillograph (CRO) is
 - To study the waveform of AC voltages
 - To study the waveform of sound from musical instruments
 - To measure small AC and DC potentials
 - All the above**
- The Converse of magnetostriction effect is
 - Thomson Effect
 - Villari Effect**
 - Curie Effect
 - Bitter Powder effect
- Pyrometer works on ----- law
 - stefan's law**
 - Chale's law
 - Boyle's law
 - None of the above
- The relation between weight and gravitational mass is
 - w = mg**
 - m = wg
 - m = g/w
 - w = m/g
- Dancing, Driving and writing are examples of ----- learning domain
 - Machanical learning domain
 - Cognitive learning domain
 - Affective learning domain
 - Psychomotor learning domain**
- In bats, Sweat glands are located in the
 - Sides of the head**
 - Adbomen
 - Ears
 - € Eyes
- The dental formula of man is
 - 0033/3133
 - 2033/1023
 - 2123/2123**
 - 1003/1003
- The study of particular culture and region to make of use of Indigenous plants is known as
 - Taxonomy
 - Ethnobotany**
 - Anthropology
 - Pomology
- Who was the Editor of Political Magazine "Dravida Nadu"?
 - C.N.Annadurai**
 - M.Karunanidhi
 - J.Jalalitha
 - M.G.Ramachandran
- Navasakthi, a Tamil weekly magazine was started by
 - V.Kalyana Sundaram**
 - E.V.Ramasamy
 - V.V.Subramaniyan
 - V.O.Chidambaram
- Head quarter of Theosophical Society was located in
 - Calcutta
 - Dalhi
 - Madras**
 - Bombay
- Match correctly the Poligars with their ruling territories:

a. Kattabomman	1. Dindugal
b. Gopala Nayak	2. Coimbatore
c. Maruthupandiyan	3. Panchalankurichi
d. Kerala Varma	4. Sivagangai

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

13. Match the persons with places:

- | | |
|------------------------|------------------|
| a. Oomaithurai | 1. Odanilai |
| b. Marudu Brothers | 2. Thirumayam |
| c. Alagumuthu Kone | 3. Kalayar Kovil |
| d. Theeran Chinnamalai | 4. Kattalankulam |

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

14. To what does Valluvar compare the cultivators in protecting the world (people)?

- (a) Like a ladder (b) God (c) Friend (d) **Like a rivet to the chariot**

15. Identify the translator who received sahitya academic award for his Akni Shatshi translated version in Tamil from the original malyala "Akni Shatchi"

- (a) Mu.Ku.Jagannatharaja (b) Thamizh Naadan
(c) **Sirpi Balasubramanian** (d) Neela Padmanabhan

16. Find out Mu.Vaa's book, which was awarded Sahitya Akadmic Award

- (a) Vaada Malar (b) Kayamai (c) Kartiththundu (d) **Akal Vilakku**

17. Which one of the statement is incorrect regarding the Neolithic culture?

- i. They engaged in hunting, fishing and domestication of animals.
ii. Their houses were mostly in square shape with conical roofs.
iii. The neolithic women wears beads as a ornaments.
iv. The important craft of the period was pottery making
(a) i is correct ii, iii, iv is incorrect (b) i and ii are correct iii and iv are incorrect
(c) i, ii, iii are correct iv only incorrect (d) **i, iii and iv are correct ii only incorrect**

18. Who is called as "Thambiran Thozhar"?

- (a) Navukkarasan (b) Gnanasambandar (c) **Sundarar** (d) Manickavasakar

19. Who is the author of Kumbesar Kuravanji?

- (a) Kumara Kuruparar (b) Sivakkolunthu Desikar
(c) **Papanasa Mudaliyar** (d) Vedanayaka Sastri

20. A book that has no poems written by poetess is

- (a) **Ainkurunooru** (b) Kurunthogai (c) Natrinai (d) Agananooru

21. Pirappu or anna udan vaiitru ullum

Sirappin paalaal, thayum manam thiriyum

What truth does this purananootru song say?

- (a) Affection (b) **Education** (c) Wealth (d) Courage

22. Roman Factory was excavated in

- (a) **Arikamedu** (b) Adichchanalur (c) Keeladi (d) Poompuhar

23. Name the class of Shaivite ascetics who led a vigorous and austen life mentioned in Manimekalai

- (a) Sankhya (b) **Kapalikas** (c) Vaiseshika (d) Ajivikas

24. Select the following steps taken by TN government to attract FDI:

- i. High level committee headed by the Chief secretary

- ii. Exclusive counters in the TN Industrial Guidance Bureau
 iii. Single window clearance system
 iv. A high-Tech Committee under the Chairmanship of the CM.
 (a) i and ii (b) ii and iv (c) i, ii and iii (d) i, ii, iii and iv

25. Tamilnadu power supply requirements are met by thermal, hydro electric, nuclear power plants match the following:

- | | |
|----------------|------------------------------|
| a. Thermal | 1. Kalpakkam, Kudamkulam |
| b. Hydro | 2. Kayathar |
| c. Nuclear | 3. Maravakandy, Lower Mettur |
| d. Wind/Energy | 4. Tuticorin, Mettur |

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

26. The "Kavalan" app is an initiative of the Tamil Nadu Police. The main target group is
 (a) Men (b) **Women** (c) Children (d) Parents

27. Whose government introduced free electricity scheme for farmers?
 (a) M.G.R (b) C.N. Annadurai (c) **M. Karunanidhi** (d) None of the above

28. Patterns of unequal access to social resources are commonly called
 (a) **Social inequality** (b) Economic inequality (c) Social equality (d) Economic equality

29. Consider the following statements:

- The self-respect movement was a social protest against the dominant caste who were in higher positions.
- The self-respect movement was more interested in social freedom rather than in winning political independence.

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

30. The DANIDA-TNAHCP initiative of Tamil Nadu is related to which among the following sectors.
 (a) **Health** (b) Infrastructure (c) Industry (d) Education

31. Mahatma Gandhi community colleges have been opened in Tamil Nadu in which among the following?

- (a) Districts with lowest education ratio (b) Districts with highest population of SC & ST
 (c) **Prisons for vocational training of prisoners** (d) Small Villages

32. Match List I (Types of Investment) with List II (Nature of Investment) and select the correct answer using the code given below the Lists:

List I

List II

- | | |
|-------------------------------------|--|
| a. Direct foreign Investment | - 1. Purchase of the country's stocks, bonds and currencies by foreigners. |
| b. Foreign Portfolio Investment | - 2. Investments in product assets of the country by foreigners. |
| c. Commercial loans | - 3. Raising loans from foreign financial institutions. |
| d. Foreign institutional assistance | - 4. Provision of financial assistance by a foreign institution |

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

33. Tamilnadu has the largest capacity for ----- among all Indian States.
(a) Sugar (b) Cement (c) **Renewable energy** (d) Fertilizers
34. A principal becomes Rs.10, 050 at the rate of 10% in 5 years. Find the principal.
(a) Rs.7, 000 (b) Rs.6, 500 (c) **Rs.6, 700** (d) Rs.6, 900
35. The value of a Motor Cycle 2 years ago was Rs. 70, 000. It depreciates at the rate of 4% p.a. Find the present value.
(a) Rs.64, 000 (b) **Rs. 64, 512** (c) Rs.65, 512 (d) Rs.64, 412
36. What is the relation between c and d in $c = kd$, (k constant)?
(a) **Direct proportion** (b) Inverse proportion
(c) Equal proportion (d) Unequal proportion
37. If $1 + 2 + 3 + \dots + n = 666$. Then n.
(a) -37 (b) -36 (c) 37 (d) **36**
38. Find the sum of the series
 $1 + 3 + 5 + \dots$ To 25 terms
(a) 325 (b) 450 (c) 575 (d) **625**
39. Find out the next number in the following: 5, 11, 23, 47, 95, -----
(a) **191** (b) 171 (c) 123 (d) 106
40. $2/3, 5/9, 8/27, 11/81, 14/243, \dots$?
(a) $42/329$ (b) $17/129$ (c) **$17/729$** (d) $17/243$
41. Mohan gets 3 marks for each correct answer and loses 2 marks for each wrong answers. He attempts 30 questions and obtain 40 marks. Find the number of problems solved correctly.
(a) 10 (b) 15 (c) **20** (d) 25
42. $42 : 56 :: 110 : ?$
(a) 180 (b) **132** (c) 136 (d) 140
43. A alone can do a work in 10 days and B alone in 15 days. They undertook the work for Rs.2, 00, 000. The amount that A will get is
(a) Rs.1, 00, 000 (b) **Rs.1, 20, 000** (c) Rs.1, 50, 000 (d) Rs.1, 02, 000
44. P alone can do $\frac{1}{2}$ of a work in 6 days and Q alone can do $\frac{2}{3}$ of the same work in 4 days. In how many days working together, will they finish $\frac{3}{4}$ of the work?
(a) 2 days (b) **3 days** (c) 4 days (d) 5 days
45. A cone of height 18 cm is made up of modelling clay. A child reshapes it in the form of a cylinder of same radius as cone, then the height of the cylinder is
(a) 8 cm (b) **6 cm** (c) 3 cm (d) 18 cm
46. The perimeter of a triangular plot is 360m. The ratio of their sides is 3:4:5. Then the area of the plot is ----- m^2
(a) $30 m^2$ (b) $180 m^2$ (c) $3600 m^2$ (d) **$5400 m^2$**
47. The population of a city was 24, 000 in the year 1997. It increased at the rate of 5% per annum. Find the population at the end of the year 2000.

(a) 27873 (b) **27783** (c) 28773 (d) 28737

48. A sum of money becomes eight times at compound interest in 45 years, the number of years required to have it doubled is

(a) 11 1/4 years (b) 10 years (c) **15 years** (d) 25 Years

49. Kumaravel has paid simple interest on a certain sum for 2 years at 10% per annum is Rs.750. Find the principal

(a) Rs.3, 350 (b) Rs.3, 450 (c) Rs.3, 550 (d) **Rs.3, 750**

50. In what time will Rs.5, 600 amount to Rs.6, 720 on S.I. at 6% per annum?

(a) 3 1/4 years (b) 3 1/2 years (c) **3 1/3 years** (d) 3 1/5 years

51. A number 42 is divided into 2 parts in the ratio 3:4. Find the number which is sum of the squares of the two parts.

(a) 1000 (b) **900** (c) 600 (d) 500

52. If $A:B = 8 : 15$, $B : C = 5 : 8$ and $C : D = 47 : 5$, then what is $A : D$?

(a) 8 : 5 (b) 4 : 8 (c) 8 : 15 (d) **4 : 15**

53. If $AT = 250$ and $BAT = 40$ then $CAT = ?$

(a) 30 (b) 50 (c) **60** (d) 70

54. How many numbers between 400 and 500 are exactly divisible by 12, 15 and 20?

(a) One (b) **Two** (c) Three (d) Four

55. Find HCF of $x^3 - y^3$, $x^2 - y^2$, $x^4 - y^4$

(a) **(x-y)** (b) $(x^2 - y^2)$ (c) $(x^3 - y^3)$ (d) $(x^4 - y^4)$

56. Find the ratio of the HCF and LCM of the numbers 18 and 30

(a) 3 : 5 (b) **1 : 15** (c) 15 : 1 (d) 5 : 3

57. When 40 is subtracted from 40% of a number to give 40, the number is

(a) 60 (b) 100 (c) 150 (d) **200**

58. The price of a rain coat was slashed from Rs.1060 to Rs.901. by a shopkeeper in the winter season to boost the sales. Find the rate of discount given by him.

(a) 10% (b) 25% (c) 30% (d) **15%**

59. Choose which districts in Tamilnadu are the first to implement the 'One country one ration card' scheme:

i. Chennai

ii. Tirunelveli

iii. Tuticorin

iv. Coimbatore

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

60. Pre-budget economic survey is authored by a team led by

(a) Speaker (b) Finance Minister (Union)

(c) **Chief Economic Advisor** (d) RBI Governor

61. In Magnetic Resonance Image (MRI), ----- wire is used to produce strong magnetic field.

(a) Conducting (b) Insulating (c) **Super Conducting** (d) Semi conducting

62. Choose the right answers: Which of the following statements are correct about MKSP; Mahila Kisan Sashaktikaran Pariyojana?
1. It was initiated in the year 2019.
 2. To empower women by making a systematic investment
 3. To involve women in the sports activities
 4. To ensure food and nutrition security at household
- (a) **2 and 4 are correct** (b) 2 and 3 are correct
(c) 1 and 2 are correct (d) 3 and 4 are correct
63. The report released by U.S.-based Health Effects Institute, Air Quality and health in more than 7000 cities, Delhi is ranked first for
- (a) **PM 2.5** (b) NO₂ (c) SO₂ (d) CO₂
64. Which of the following statements are true about women empowerment?
- i. Pradhan Mantri MUDRA Yojana and stand – up India Scheme are supporting steps for women community.
 - ii. Agriculture and rural development initiatives and the recently announced Pradhan Mantri Krishi Sinchayee Yojana.
 - III. UJJAWALA scheme, one stop centre and gender budgeting implemented by the Ministry of women and child development.
- (a) i only (b) **i and iii only** (c) i and ii only (d) ii and iii only
65. One of the prominent Indian Scientist Birbal Sahni is considered as the father of
- (a) Ethnobotany (b) Embryology (c) **Paleobotany** (d) Tissue Culture
66. Match the following languages spoken by the tribal community given in List A with a regions where they are spoken in List B
- | List A | | List B | |
|-----------|-----------------|-----------------|--|
| a. Lamani | | 1. West Bengal | |
| b. Khotta | | 2. Karnataka | |
| c. Koraga | | 3. Tamilnadu | |
| d. Tulu | | 4. Kerala | |
| | a b | c d | |
| a. | 3 4 | 1 2 | |
| b. | 4 3 | 2 1 | |
| c. | 2 3 | 4 1 | |
| d. | 3 1 | 4 2 | |
67. The Airport Authority of India (AAI) constituted on
- (a) 1st April 1965 (b) 1st April 1975 (c) 1st April 1985 (d) **1st April 1995**
68. Rosewood grows in ----- forests.
- (a) Monsoon forests (b) **Evergreen forests** (c) Alpine forests (d) Tidal forests
69. Gersoppa waterfall is located in ----- river
- (a) Tapti (b) Narmada (c) **Sharavati** (d) Periyar
70. How is the Climate of India called?
- (a) Arid Climate (b) Sub Polar Climate (c) **Sub Tropical Climate** (d) Temperate Climate
71. Tarafdars in Bahmani Sultanate refers to
- (a) **Provincial Governors** (b) Prince (c) Commandar (d) Horsemen

72. "Razmnama" was a

- (a) **The Persian translation of Mahabharata** (b) The Urdu translation of Upanishads.
(c) The Persian translation of Ramayana (d) The Persian translation of Gita Govindam

73. The well-known painting "Bani Thani" belongs to the

- (a) Bundi Schools (b) Jaipur Schools (c) Kangra Schools (d) **Kishangarh Schools**

74. "Kurram" of Chola Period were

- (a) **Unions of Village** (b) Brahminical Educational centres
(c) Province (d) Towns and township

75. Match the List I with List II and choose your answer from the codes given below:

List I State			List II Capital	
a. Nizam Shahi			1. Golkonda	
b. Qutub Shahi			2. Bijapur	
c. Imam Shahi			3. Ahmednagar	
d. Adil Shahi			4. Berar	
	a	b	c	d
a.	3	1	4	2
b.	2	3	1	4
c.	1	2	4	3
d.	4	2	3	1

76. Which one of the following is NOT a mode of peoples participation in General Administration?

- (a) System of Election (b) **Political Apathy**
(c) System of Recall (d) Pressure groups

77. Name the Iltutmish's Vizier who rebelled against Raziyya

- (a) **Nizamul-mulk Junaydi** (b) Muhazzabuddin
(c) Jamalud din Yaqut (d) Altunia

78. Name the Indus Site where workmen's quarters have been found...

- (a) **Harappa** (b) Lothal (c) Kalibangan (d) Chanhudaro

79. With reference to devices of Parliamentary proceedings, which one of the following statement is correct?

- (a) The first hour of every Parliamentary sitting is slotted for zero hour.
(b) **The purpose of privilege motion is to censure the concerned minister.**
(c) Calling attention motion is not mentioned in the rules of procedure.
(d) The Rajya Sabha can remove the ministry from office by passing a no-confidence motion.

80. Which article of the constitution of India confers special leave petitions power to the Supreme Court?

- (a) **Art.136** (b) Art.32 (c) Art.139 (d) Art.226

81. In India, the ultimate sovereign power rests with

- (a) **Indian People** (b) Prime Minister of India
(c) President of India (d) Elected Leaders of India

82. The agency which conducts election to the local bodies is

- (a) National Election commission (b) **State election commission**
(c) Local Bodies themselves (d) The government

92. The credit of proposing the first blue print of Indian Planning is given to
 (a) J.N.Nehru (b) **Visvesvaraya** (c) J.R.D.Tata (d) Lala Sri Ram
93. The first Industrial Policy announced in
 (a) **1948** (b) 1949 (c) 1952 (d) 1956
94. The concept of "The Safety-Valve Theory" of Indian National Congress originated from
 (a) W.C.Bonnerji (b) **William Wedderburn** (c) Lord Dufferin (d) C.f.Andrews
95. Who wrote these lines "The peasants have to liberate themselves not only from foreign yoke but also from the yoke landlords and capitalist?"
 (a) **Bhagat Singh** (b) Rajguru (c) Sukhdev (d) Suryasen
96. Match the following events:
- | | |
|------------------------|--------------|
| a. Vizah Revolution | 1. 1929-1930 |
| b. Chauri Chaura | 2. 1918 |
| c. Bardoli Satyagraha | 3. 1923 |
| d. Satyagraha of Kaira | 4. 1922 |
- | | | | | |
|-----------|----------|----------|----------|----------|
| | a | b | c | d |
| a. | 4 | 3 | 2 | 1 |
| b. | 3 | 4 | 1 | 2 |
| c. | 2 | 4 | 3 | 1 |
| d. | 4 | 2 | 3 | 1 |
97. "The story of My Experiments with Truth" is an autobiography of
 (a) **Mahatma Gandhi** (b) Maulana Abul Kalam Azad
 (c) Jawaharlal Nehru (d) Sir Sayyid Ahmed Khan
98. E.V.Ramasamy Naicker after a trip to Soviet Union in 1932 built a "Stalin Hall" in
 (a) Cuddalore (b) **Coimbatore** (c) Erode (d) Madurai
99. Who was called by Valentine Chirol as the "Father of Indian Unrest"?
 (a) Lala Lajpat Rai (b) Aurobindo Ghosh
 (c) Bipin Chandra Pal (d) **Bal Gangadhar Tilak**
100. The theme of the play "Neel Darpan" is
 (a) **Plight of Plantation Workers** (b) Plight of Fishermen
 (c) Plight of the Merchants (d) Plight of the Soldiers