

Tnpsc Model Question Paper 26 – General Studies in English

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- Chlorophyll present in the leaf is required for
 (a) **Photosynthesis** (b) Tropic movement (c) Transpiration (d) Nastic movement
- Assertion (A) : Haemoglobin contains Iron.
 Reason (R): Iron deficiency leads to Anaemia
 (a) **Both (A) and (R) are true, and (R) is the correct explanation of (A)**
 (b) Both (A) and (R) are true; but (R) is not the correct explanation of (A)
 (c) (A) is true, but (R) is false
 (d) (A) and (R) is false
- The state in which there is an accumulation of excess body fat with an abnormal increase in body weight is called
 (a) Diabetes (b) Polyuria (c) **Obesity** (d) Polydipsia
- The atmospheric carbon di oxide enters into the plants and fixed through the process called
 (a) **Photosynthesis** (b) Transpiration (c) Respiration (d) Decomposition
- Choose the right matches among the following:
 a. Phenolphthalein in acidic medium - Colourless
 b. Phenolphthalein in basic medium - Yellow
 c. Methyl orange in acidic medium - Pink/Red
 d. Methyl orange in basic medium - Colourless
 (a) **a and c are correct** (b) a and b are correct
 (c) b and c are correct (d) c and d are correct
- The measurement which is used to measure the ignition delay of the fuel in diesel engine is
 (a) **Cetane number** (b) Octane number (c) Calorific value (d) Specific energy
- The atomic mass of the middle element is nearly the same as average of atomic masses of other two elements.
 (a) Modern periodic law (b) Newland's law of octaves
 (c) **Dobereiner's law of triads** (d) Mendeleev's law of periodicity
- Match the correctly the physical quantities with their SI units
 a. Pressure 1. Nm^{-1}
 b. Area 2. Nm^{-2}
 c. Surface Tension 3. N
 d. Force 4. m^2

	a	b	c	d
a.	1	3	2	4
b.	3	1	4	2
c.	2	4	1	3
d.	4	2	3	1
- Group of Stars is called
 (a) Solar system (b) **Constellation** (c) Planets (d) All the above
- At higher altitude, the boiling point of a substance will

- (a) decrease (b) increase
(c) decrease and then increase (d) increase and then decrease

11. Which of the following statements are true about Himalayas?

- i. The greater Himalayas are also called Himadri.
ii. The Greater Himalayas receive more rainfall compared to the lesser Himalayas and the Siwalik
iii. Major hill stations are located in the Himachal Range.
(a) i only (b) **i and iii only** (c) i and ii only (d) ii and iii only

12. Which is longest dam in the world?

- (a) Nagarjuna Sagar Dam (b) **Hirakud Dam**
(c) Bhakra-Nangal Dam (d) Damodar Valley Dam

13. Tidal forests are also known as

- (a) Monsoon forests (b) Alpine forests (c) **Mangrove Forests** (d) Rainy Forests

14. The headquarter of East-Central Railway is located in

- (a) Jabalpur (b) **Hazipur** (c) Jaipur (d) Bilaspur

15. The celebration of world population day July 11th is started from the year

- (a) 1986 (b) 1987 (c) 1988 (d) **1989**

16. Which of the following force is not in service for the management of disasters in the district organization?

- (a) **Postal Department** (b) Revenue Department
(c) Civil Administration (d) Local Police

17. Which Article of Indian Constitution provides for an Election Commission?

- (a) Article 280 (b) Article 302 (c) Article 316 (d) **Article 324**

18. The articles that are related to citizenship are

- (a) **Article 5 to 11** (b) Article 14 to 18 (c) Article 19 to 22 (d) Article 25 to 28

19. Choose the correct answer: Elementary education is a fundamental right under Article

- (a) Article 51A (b) Article 21 (c) Article 29 (d) **Article 21A**

20. Choose the correct answer: POCSO Act

- (a) Children Economic Exploitation (b) Children Sexual Exploitation
(c) Children Sexual Abuse (d) **Protection of Children from sexual offences Act**

21. Elected members of the Parliament from Tamilnadu

- (a) **Rajya Sabha – 18 members and Lok Sabha – 39 members**
(b) Rajya Sabha – 28 members and Lok Sabha – 39 members
(c) Rajya Sabha – 81 members and Lok Sabha – 39 members
(d) Rajya Sabha – 80 members and Lok Sabha – 39 members

22. The authority to alter the boundaries of State in India rests with

- (a) The President (b) The Prime Minister (c) State Government (d) **Parliament**

23. The Central Government Hindu Succession Act was amended in the year

- (a) 2002 (b) 2003 (c) 2004 (d) **2005**

24. The term "Pressure Group" originated by

- (a) U.S.A (United States of America) (b) India (c) England (d) Canada
25. The institution of Lokayukta was created first in Maharashtra in the year
(a) 1970 (b) 1971 (c) 1972 (d) 1973
26. In which year Periyar E.V.R published a English magazine under the title "Revolt"?
(a) 1925 (b) 1928 (c) 1933 (d) 1934
27. Bharathi was displaced to ----- area due to English intimidation
(a) Mahe (b) Pondicherry (c) Bombay (d) Kasi
28. The Indian National Army trials were held at
(a) Agra Fort (b) Red Fort (c) Fort William (d) Fort St. George
29. Who has written "Amar Sonar Bangla" the National Anthem of Bangladesh?
(a) Syed Abu Mohammad (b) Rajani Kanta Sen
(c) Rabindranth Tagore (d) Mukunda Das
30. Political Gur of Kamaraj was
(a) Rajaji (b) Sathyamurthi (c) Nehru (d) Gandhi
31. Who was the Political Guru of Mahatma Gandhi?
(a) M.G.Ranade (b) W.C.Banerjee
(c) Balagangatara Tilak (d) Gopalakrishna Gokhale
32. Which day was observed on 8th January 1933?
(a) Temple Entry Day (b) Day of Deliverance
(c) Direct Action Day (d) Independence Day
33. Sivasubramanianar was executed on 13 September 1799 at
(a) Kayathar (b) Nagalapuram (c) Virupachi (d) Panchalamkurichi
34. ----- day was declared as "Purna Swaraj Day" by the Indian National Congress
(a) January 26, 1930 (b) January 29, 1929
(c) August 16, 1930 (d) August 18, 1930
35. When a number is decreased by 25%, it becomes 120. Find the number
(a) 150 (b) 140 (c) 160 (d) 180
36. In an examination A got 25% marks more than B. B got 10% less then C and C got 25% more then D. If D got 320 marks out of 500 Find the marks obtained by A.
(a) 405 (b) 450 (c) 360 (d) 400
37. Find the single discount in % which is equivalent to two successive discounts of 25% and 20% given on an article
(a) 40% (b) 45% (c) 5% (d) 22.5%
38. Find the HCF and LCM of the numbers 154, 198 and 286
(a) 22, 18018 (b) 154, 18018 (c) 18018, 22 (d) 191, 18018
39. The LCM of $8p^2qr$, $12p^2r^2$, $24pqr$ is
(a) $24p^2qr^2$ (b) $8p^2qr^2$ (c) $12pr$ (d) $24pqr$

40. In a school, there is 7 period a day each of 45 minutes duration. If the school has 9 periods a day assuming the number of hours to be the same then the duration of each period in
(a) 25 (b) 20 (c) **35** (d) 30
41. The ratio of the income and to expenditure of a family is 7 : 6, if the income in Rs.21, 000, then the savings is
(a) Rs.6, 000 (b) Rs. 5, 000 (c) **Rs.3, 000** (d) Rs.4, 000
42. If $A : B = 4 : 6$, $B : C = 18 : 5$, Then $A : B : C$ is
(a) 16 : 22 : 30 (b) 12 : 20 : 5 (c) 14 : 20 : 15 (d) **12 : 18 : 5**
43. A sum of simple interest at $13\frac{1}{2}\%$ per annum to Rs. 2, 502.50 after 4 years. Find the sum.
(a) 1526 (b) 1256 (c) 2156 (d) **1625**
44. A sum of Rs.36, 000 was lent out at S.I. and at the end of 2 years and 3 months. The total amount was Rs. 42, 480. Find the rate of interest per year.
(a) 5% (b) 6% (c) 7% (d) **8%**
45. Which bank is called as lender of last resort?
(a) Commerical Bank (b) Indian Bank
(c) **Reserve Bank of India** (d) State Bank of India
46. If the compound interest on a certain sum at $16\frac{2}{3}\%$ for 3 years is Rs.1, 270. Find the simple interest on the same sum at the same rate and for the same period.
(a) **Rs.1, 080** (b) Rs.1, 000 (c) Rs.1, 090 (d) Rs.1, 070
47. The bacteria in a culture grows by 5% in the first hour, decreases by 8% in the second hour and again increases by 10% in the third hour. Find the count of the bacteria at the end of 3 hours, if its initial count was 10, 000.
(a) 9266 (b) 9626 (c) **10626** (d) 10266
48. The internal and external radii of a hollow hemispherical shell are 3 m and 5 m respectively. Find the C.S.A. and T.S.A of the shell?
(a) **$213.71\text{ m}^2, 264\text{ m}^2$** (b) $214.70\text{ m}^2, 260\text{ m}^2$
(c) $210.71\text{ m}^2, 265\text{ m}^2$ (d) $210.71\text{ m}^2, 264\text{ m}^2$
49. The ratio of the volumes of a cylinder, a cone and a sphere, if each has the same diameter and same height is
(a) 1 : 2 : 3 (b) 2 : 1 : 3 (c) **3 : 1 : 2** (d) 1 : 3 : 2
50. A and B can together finish a work in 30 days. They worked together for 20 days and then B left. After another 20 days, A finished the remaining work. In how many day A alone can finish the job?
(a) **60 days** (b) 54 days (c) 50 days (d) 40 days
51. A man starts his journey from Chennai to Delhi by train. He starts at 22.30 hours on Wednesday. If it takes 32 hours of travelling time and assuming that the train is not late, when will he reach Delhi?
(a) **Friday - 6:30 a.m.** (b) Friday - 6:30 p.m.
(c) Wednesday - 1:30 p.m. (d) Thursday - 11:00 a.m.
52. An integer is chosen from the first twenty natural numbers. What is the probability that is a prime number?
(a) $\frac{1}{6}$ (b) $\frac{1}{2}$ (c) **$\frac{2}{5}$** (d) $\frac{3}{5}$

53. The mean of 5, 9, x, 17 and 21 is 13, then find the value of x.

- (a) 9 (b) **13** (c) 17 (d) 21

54. The mean of five numbers is 27. If one of the numbers is excluded, the Mean gets reduced by 2. What is the excluded number?

- (a) **35** (b) 27 (c) 25 (d) 40

55. How many 8's are there in the following sequence, which are preceded by 5, but not immediately followed by 3?

5 8 3 7 5 8 6 3 8 5 4 5 8 4

7 6 5 5 8 3 5 8 7 5 8 2 8 5

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

56. Find the next number?

3, 10, 29, 66, 127, ---?

- (a) 164 (b) 187 (c) **218** (d) 216

57. The next number in the following sequences:

198, 194, 185, 169, ?

- (a) 92 (b) 112 (c) 136 (d) **144**

58. The value of a motor cycle depreciates at the rate of 15% per year. What will be the value of the motorcycle after 3 years hence, which is now purchased for Rs.45, 000

- (a) Rs.32, 513 (b) Rs.37, 635 (c) **Rs.27, 636** (d) Rs.38, 250

59. If the HCF of two positive integers is 1 then what will be the two numbers?

- (a) **Relatively prime** (b) Atleast one of them must be a prime number
(c) Both are even numbers (d) One is the multiple of the other

60. "ORCAM Read" is a device invented in 2021 to assist people with impairment in

- (a) **Sight** (b) Hearing (c) Eating (d) Mobility

61. How many countries are the members in BRICs?

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

62. Annai Therasa Ninaiivu Marriage Assistance scheme deals with

- (a) Poor Widows (b) Minority
(c) Single Mothers (d) **Orphan Women's Marriage**

63. Which sports person is the author of the book "Playing it my way"?

- (a) Kapil Dev (b) Yuvaraj Singh (c) **Sachin Tendulkar** (d) Sania Nehwal

64. Which of the following are incorrectly paired?

Zonal Railways - Head Quarters

1. North Central - Allahabad

2. Western - Mangalore

3. Central - Jansi

4. East Central - Hajipur

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

65. The National Human Right Commission was established in the year

- (a) 1948 December, 9 (b) **1948 December, 10**
(c) 1949 December, 9 (d) 1949 December, 10

66. Who succeeded K.Kamaraj as the Chief Minister of Madras Presidency?
 (a) C.N.Annadurai (b) **M.Bakthavatsalam** (c) M.Karunanidhi (d) P.S.Kumarasamy Raja
67. The Announcement that, ECR (East Coast Road) will be renamed "Muthamizh Arignar Kalaignar Karunanidhi Salai" was made by the Chief Minister of Tamil Nadu M.K.Stalin in
 (a) February 02, 2002 (b) March 02, 2002 (c) April 02, 2002 (d) **May 02, 2002**
68. The term "Secularism" is derived from ----- language.
 (a) Greek (b) **Latin** (c) Urdu (d) English
69. Indian ----- plays an important part in fostering unity and integration
 (a) **Dance and Music** (b) Literature and Grammar
 (c) Food and Customs (d) Art and Architecture
70. During the Pallava Period, the foreign merchants were known as
 (a) Pattanaswamy (b) **Nanadesi** (c) Videshi (d) Desi
71. The Archaeological survey of India headquarters is located in
 (a) New Delhi (b) Mumbai (c) Chennai (d) Kolkatta
72. Choose the correct pair from the following:
 (a) Holkar – Pune (b) **Bhonsle – Nagpur** (c) Scindhia – Baroda (d) Peshwa – Indore
73. Identify the wrongly matched pair from the following:
 (a) **Zahir-ud-din Babur – The conqueror of the world** (b) Shah Jahan – King of the world
 (c) Shahji Bhonsle – Shivaji's Father (d) Regent of Akbar – Bairam Khan
74. ----- is the epitome of Mughal architecture.
 (a) Gol Gumbaz (b) The Shalimar Gardens (c) Humayun's Tomb (d) **Tajmahal**
75. Who is the author of the book "Why the Woman is Enslaved"?
 (a) Singaravelar (b) Muthulakshmi Ammaiyar (c) **Periyar** (d) Neelambikai Ammaiyar
76. ----- established a full fledged printing press in 1709, at transquebar
 (a) Caldwell (b) F.W.Ellis (c) **Ziegenbalg** (d) Meenakshi Sundaram
77. Pick the odd one out: Rettaimalai Srinivasan
 1. Founded the Adi Dravida Mahajana Sabha in 1893.
 2. Participated in the First and Second Round Table Conferences held in London.
 3. Frequently wrote columns under the pseudonym of "Chitraputtiran"
 4. Was a signatory to the Poona pact of 1932
 (a) 1, 2 and 3 (b) 2 and 4 (c) **3 only** (d) 4 only
78. Father of Velunachiyar was
 (a) Muthu Kumara Raghunatha Sethupathy (b) **Chellamuthu Vijaya Raghunatha Sethupathy**
 (c) Periya Udaiyar Sethupathy (d) Sundaresvara Raghunatha Sethupathy
79. ----- is called the "Lion of Sivaganga"
 (a) **Periya Marudhu** (b) Chinna Marudhu
 (c) Velu Nachiyar (d) Kattapomman
80. Which of the following statements are true about Keezhadi?

- i. Evidence for brick buildings
 ii. Tamil-Brahmi inscriptions on pottery
 iii. Copper rods used for decorating eyelashes
 iv. Keezhadi has been mentioned in Pathitrapattu
 (a) i, ii and iv only (b) i, ii, iii and iv are true (c) **i, ii and iii only** (d) ii and iv only

81. The name of the script used in the Sangam Age
 (a) Kharoshthi (b) Devanagiri (c) **Tamil-Brahmi** (d) Grantha

82. Tho' human beings in their birth are the same by diverse trade their worth isn't the same
 Trace the essence or meaning of this Kural
 (a) **Removal of Casteism** (b) Removal of Communalism
 (c) Removal of Class system (d) Removal of Varunasiram

83. What according Valluvar is the great help rendered by the son to his father?
 (a) Protection at his old age (b) Saying good words
 (c) Give monetary help (d) **To bring honour**

84. What will happen to a man who walks in grace deters and walks towards materialism according to valluvar?
 (a) Live a good life (b) Live in prosperity (c) **Get destroyed** (d) Live with relatives

85. Who according to Valluvar is superior to the person who does charity and penance?
 (a) One who never slanders (b) **One who speaks truth**
 (c) One who is learned (d) One who talks sweetly

86. What kind of walth will give happiness according to Valluvar?
 (a) Donated Wealth (b) Walth by Rights
 (c) **Wealth that is earned through fair means** (d) Wealth by Warfare

87. How does Valluvar see those who fix their attention on impermanent things?
 (a) In excellence (b) **Deplorable** (c) Hopeful (d) Surprised

88. Match the following:

- | | |
|---------------------------------------|---------------|
| a. First Automobile industry | 1. Serampore |
| b. National News print and Paper mill | 2. Kolkata |
| c. Central Silk Board | 3. Nepa Nagar |
| d. First Paper mill India | 4. Bangalore |

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

89. Which of the following statements are true about the weakness of Green Revolution?

- i. This strategy needed heavy investment in seeds and fertilizers.
 ii. Boosted the production of major cereals like wheat and rice.
 iii. Larger chemical use reduced the soil fertility.
 (a) i and ii only (b) **i and iii only** (c) i only (d) ii and iii only

90. In 1940 Bombay Plan was presented by
 (a) 8 Leading Politicians (b) 8 Leading Economists
 (c) 8 Leading Philosophers (d) **8 Leading Industrialist**

91. Per capita Income can be calculated by
(a) **National Income/Population** (b) National Income – Population
(c) National Income + Population (d) National Income x Population
92. The Aim of the Second Five Year Plan
(a) Removal of Poverty (b) **Rapid Industrialization**
(c) Employment (d) Social Justice
93. Which of the following point(s) is/are being included while defining “Social Justice”
1. Equal rights.
2. Equal opportunity
3. Equal treatment
4. Equal distribution of wealth for all
(a) 1, 2 and 3 only (b) 1 and 2 only (c) **1, 2 and 3 only** (d) 1, 2 and 4 only
94. First Human Development Report by Tamil Nadu Government was published in the year
(a) 2000 (b) **2003** (c) 2006 (d) 2004
95. Choose the correct matches type:
1. NHRC – National Human Rights Commission
2. SHRC – Statutory Human Rights Commission
3. NCW – National Council for women
4. RTI – Rights to Information Act
(a) 1 and 2 are correct (b) **1 and 4 are correct**
(c) 2 and 3 are correct (d) 2 and 4 are correct
96. Which article of the constitution provides for an election commission of India?
(a) Article 280 (b) Article 315 (c) **Article 324** (d) Article 365
97. Which district is the top exporter of finished leather goods in the country?
(a) Salem (b) **Vellore** (c) Dindigul (d) Madurai
98. Tamil Nadu Health System Reform programme is implemented with the funding support of
(a) **World Bank** (b) World Health Organization (c) UNESCO (d) National Health Mission
99. Literacy Rate in Tamil Nadu
(a) 79.9% (b) **80.9%** (c) 81.9% (d) 82.9%
100. ----- Scheme was designed to bridge the learning gaps that developed as a result of the pandemic imposed lock down.
(a) Smart Classroom scheme (b) Computer Labs scheme
(c) **Illam Thedi Kalvi Scheme** (d) Illam Thedi Maruthuvam Scheme