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TNPSC FREE MODEL QUESTION PAPER

DO NOT OPEN THE BOOKLET UNTIL YOU ARE ASKED TO DO SO

TNPSC GROUP IV (2016)

TEST CODE: G4-M-1

Time Allowed: Three Hours

Maximum Marks: 150

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. You have to enter your Register Number on the Test Booklet in the box provided alongside. DONOT write anything else on the Test Booklet.
3. This Test Booklet contains **100 items (questions)**. Each item is printed in English. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
4. You have to mark your responses **ONLY** on the separate Answer Sheet provided.
5. Use **BLACK OR BLUE BALL POINT PEN ONLY** to mark your responses in the Answer Sheet. Using any other is liable to invalidate your Answer Sheet.
6. All items carry equal marks.
7. Sooner than you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill date and the subject in it.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **There is NO NEGATIVE mark for wrong answers.**

FOR ANSWERS WITH DETAILED EXPLANATIONS – VISIT:

<http://tnpsc.academy/tnpsc-group4-model-questions-and-answers>

and Search the above TEST CODE

1. The Electrical cell converts,
 - a. Mechanical Energy into Electrical Energy
 - b. Electrical Energy into Mechanical Energy
 - c. Chemical Energy into Electrical Energy
 - d. All the above.
2. The Tamil language spoken in Tamil Nadu can be appreciated as like following except
 - a. Senthamizh
 - b. Nattutamizh
 - c. Paeynthamizh
 - d. Muthamizh
3. Which country conferred its highest civilian award to our Prime Minister recently?
 - a. China
 - b. Russia
 - c. Afghanistan
 - d. United States
4. The name of the Galaxy we live in is called as
 - a. Milky way
 - b. Nebula
 - c. Andromeda
 - d. Alpha Century
5. The middle layer in the structure of Skin Tissue is
 - a. Hypodermis
 - b. Epidermis
 - c. Dermis
 - d. Follicle
6. The term 'Harappa' in sindhi means?
 - a. Burnt brick
 - b. Mound of dead
 - c. Buried city
 - d. None of the above
7. The river that was said to have flown on the landmass of ancient 'Kumari Kandam' was
 - a. River Saraswathi
 - b. River Cauvery
 - c. River Meghna
 - d. River Fahruli
8. The Chemical reaction in which the Heat is evolved as an byproduct is known as
 - a. Exothermic Reaction
 - b. Endothermic Reaction
 - c. Redox Reaction
 - d. Combustion Reaction
9. The World Health Organisation defines adolescence as the period of life between
 - a. 9 and 18 years of age
 - b. 11 and 18 years of age
 - c. 11 and 19 years of age
 - d. 13 and 19 years of age
10. What is Airlander 10?
 - a. Presently the Largest Flying Aircraft
 - b. Name of India's Manned Moon Mission
 - c. NASA's Mission for Pluto
 - d. None of the above

Directions for the following 4 (Four) items:

Examine carefully the following statements and answer four items that follow:

- (i) A and B play Football and Hockey
- (ii) C and D play Badminton and Cricket
- (iii) B and C play Cricket and Football
- (iv) A and D play Hockey and Badminton

11. One who plays Badminton, Football and Hockey

- (a) A (b) B
- (c) C (d) D

12. One who plays Badminton, Football and Cricket

- (a) A (b) B
- (c) C (d) D

13. One who plays Cricket, Football and Hockey

- (a) A (b) B
- (c) C (d) D

14. One who does not play cricket

- (a) A (b) B
- (c) C (d) D

15. For making ornaments and other usage, the Indus people used

- I. Gold II. Silver
- III. Ivory IV. Iron

Choose the correct.

- a. I, II and IV only
- b. I, II and III only
- c. I, III and IV only
- d. III and IV only

16. Find the Odd man out.

- a. Surendranath Banerjee
- b. Dadabai Naoroji
- c. Gopala Krishna Gokhale
- d. Bipin Chandra Pal

17. The Wood Furniture are coated with which chemical to protect from Termite destruction

- a. Copper sulphate
- b. Sodium Nitrate
- c. Plaster of Paris
- d. Zinc chloride

18. A train moves at a constant speed of 120 km/hr for 1 km and at 40 km/hr for the next 1 km. What is the average speed of the train.

- a. 48 kmph
- b. 50 kmph
- c. 80 kmph
- d. 60 kmph

19. The State which pioneered the Noon-meal scheme to achieve universal enrollment to schools is

- a. Andhra Pradesh
- b. Karnataka
- c. Gujarat
- d. Tamil Nadu

20. Which of the following singer was recognized recently by Guinness book and Asia book record for singing most number of songs in Indian languages?

- a. Lata Mangeshkar
- b. Susheela Mohan
- c. Janaki
- d. Asha Bhosle

21. What is the name of the Operation of the Indian Armed Forces to evacuate Indian Citizens from Yemen during 2015 Yemen Crisis?

- a. Operation Maitri
- b. Operation Meghdoot
- c. Operation Rahat
- d. Operation Poomalai

22. The longest river in the world is

- a. Brahmaputra
- b. Nile
- c. Amazon
- d. Tigris

23. Match the following Vitamins and their deficiency disease

- | | | |
|---------------------------|---|----------------|
| A. Vitamin A | - | 1. Beri - Beri |
| B. Vitamin K | - | 2. Scurvy |
| C. Vitamin B ₁ | - | 3. Haemorrhage |
| D. Vitamin C | - | 4. Nyctalopia |

- | | A | B | C | D |
|----|---|---|---|---|
| a. | 3 | 4 | 2 | 1 |
| b. | 4 | 3 | 2 | 1 |
| c. | 3 | 4 | 1 | 2 |
| d. | 4 | 3 | 1 | 2 |

24. The First Battle of Tarain (1191 A.D) was fought between Rajput ruler Prithviraj Chauhan and

- a. Mahmud of Ghazni
- b. Muhammad of Ghori
- c. Qutb-ud-din Aibak
- d. Babur

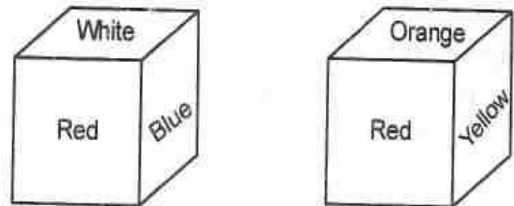
25. Recently in April 2016, Mary Kom was in news because

- a. Won a medal in Rio Olympics
- b. Broke her own World record
- c. Acted in her Biography film
- d. Was nominated as MP of Rajya Sabha

26. World's largest Solar Power Plant was recently inaugurated at

- a. Gujarat
- b. Tamil Nadu
- c. Kerala
- d. Rajasthan

27. In the following figures two six fold cubes are given. Each side of the cube is painted as shown in these figures. These sides are White, Yellow, Orange, Red, Blue. Studying the arrangement of colours tell when Blue colour is on top which colour will the bottom have?



- (a) Red
- (b) Green
- (c) Orange
- (d) Yellow

28. The followings are the Architectural styles of Pallava rulers except

- a. Rock Cut temples
- b. Monolithic Rathas and Mandapas
- c. The Structural Temples
- d. Vihara styles

29. The seventh India – Japan International Conference on Science and Technology was recently held in

- a. Bangalore
- b. Chennai
- c. Mumbai
- d. Mysore

30. In Rio Paralympics 2016, for Men's high jump event Thangavelu Mariappan from Tamil Nadu secured

- a. Gold Medal
- b. Silver Medal
- c. Bronze Medal
- d. He didn't get any medal

Directions: Q. No. 31 to 35: Study the following information carefully to answer these questions.

Six persons A, B, C, D, E and F are sitting in two rows, three in each. E is not at the end of any row. D is second to the left of F. C, the neighbor of E, is sitting diagonally opposite to D. B is the neighbor of F.

31. Which of the following are sitting diagonally opposite to each other?

- a. F and C
- b. D and A
- c. A and C
- d. A and F

32. Which of the following are in the same row?

- a. A and E
- b. E and D
- c. C and B
- d. A and B

33. Which of the following are in one of the two rows?

- a. FBC
- b. CEB
- c. DBF
- d. AEF

34. After Interchanging seat with E, who will be the neighbors of D in the new position?

- a. C and A
- b. F and B
- c. Only B
- d. Only A

35. Which of the following occupies the middle positions in both the rows?

- a. B and F
- b. A and C
- c. B and E
- d. E and C

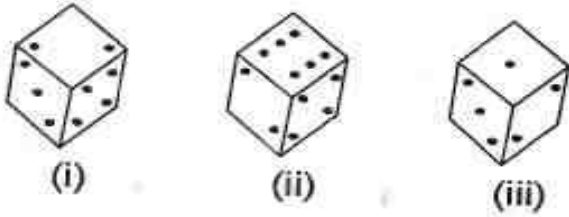
36. The Chola ruler who merged the Chalukya kingdom with the Chola Empire and started the Chalukya-Chola line of rulers was

- a. Kulothunga Chola
- b. Raja Raja Chola
- c. Rajendra Chola
- d. Vijayalaya Chola

37. The Majuli Island was recently declared as the Largest River Island in the World by Guinness World Records. This Island is located in the river

- a. Indus
- b. Ganga
- c. Yamuna
- d. Brahmaputra

38. Given below are three different positions of a dice. Find the number of dots on the face opposite the face bearing 3 dots.



- (a) 4
(b) 5
(c) 6
(d) Cannot be determined

39. What is the unit digit in the product $(3^{65} \times 6^{59} \times 7^{71})$?

- A. 1
B. 2
C. 4
D. 6

40. If the number $653xy$ is divisible by 90, then $(x + y) = ?$

- A. 2
B. 3
C. 4
D. 6

41. If the number $517*324$ is completely divisible by 3, then the smallest whole number in the place of * will be:

- A. 0
B. 1
C. 2
D. None of these

42. The famous Angkor wat (temple) in Cambodia was built by which of the following South Indian Ruler?

- a. Mahendravarman I
b. Suryavarman II
c. Yasovarman I
d. Narasimhavarman II

43. The Vaikom Satyagraha in Kerala was launched by

- a. C.Rajagopalachari
b. S.Satyamurthi
c. Subramanya Siva
d. Periyar E.V.R

44. The openings in the Leaves, through which the air and water comes out is called as

- a. Petiole
b. Stipules
c. Stomata
d. Vein

45. The Constitutional Amendment in which the voting age in the elections is reduced from 21 to 18

- a. 42nd amendment act of 1976
b. 61st amendment act of 1989
c. 69th amendment act of 1991
d. 76th amendment act of 1994

46. The NITI Aayog entrusted with the development of India was formed to replace

- a. Finance Commission
b. Planning Commission
c. National Development Council
d. None of the above

47. The Indian National Congress represented by Mahatma Gandhi attended the
- First Round Table Conference
 - Second Round Table Conference
 - Third Round Table Conference
 - Gandhi didn't attend any Round Table conferences.
48. What is the theme of World Water Day celebrated on 22nd March, 2016
- Water – Its safeguard
 - Water and its protection
 - Conservation of Water
 - Water and Jobs
49. The Green Revolution was first introduced for which crop
- Rice
 - Wheat
 - Maize
 - Sugarcane
50. A and B undertake to do a piece of work for Rs.100. A can do it in 5 days and B can do it in 10 days. With the help of C, they finish it in 2 days. How much should C be paid for his contribution?
- Rs.40
 - Rs. 20
 - Rs. 60
 - Rs. 30
51. First Green Rail Corridor was launched recently in Tamil Nadu between
- Tiruchirappalli to Chennai
 - Nagercoil to Madurai
 - Coimbatore to Nilgiris
 - Rameshwaram to Manamadurai
52. The Preamble of the Indian Constitution was
- Amended only one time
 - Amended twice once in 1951 and another in 1976
 - Amended Thrice
 - Was not amended at all
53. The 13th century Bakthi saint Ramanuja preached
- Dvaita
 - Jivatma
 - Vishistadvaita
 - None of the above
54. The largest desert in the World is
- Antarctica
 - Sahara
 - Gobi
 - Great Plain of North America
55. A can do a piece of work in 20 days and B can do it in 15 days and c can finish it in 25 days, then how long will they take to complete the work?
- 6(18/47) days
 - 12 days
 - 2(8/11) days
 - 47(6/18) days
56. A and B are married couple. X and Y are brothers. X is the brother of A. How is Y related to B?
- Brother-in-Law
 - Brother
 - Son-in-law
 - Cousin

57. The Chera ruler who founded the famous Pattini cult was

- a. Nedum Cheralathan
- b. Kulashekara Varma
- c. Rajashekara Varma
- d. Cheran Senguttavan

58. The instrument used to measure the altitude of an object is

- a. Ammeter
- b. Altimeter
- c. Anemometer
- d. Audiometer

59. The Power of the High Court to issue Writs when Fundamental Rights of an citizen is curtailed is given under

- a. Article 13
- b. Article 32
- c. Article 226
- d. Article 326

60. Cellular Respiration in plants takes place as

- a. Plant uses Oxygen and Produces Carbon dioxide
- b. Plant uses Carbon dioxide and Produces Oxygen
- c. Plant uses both Oxygen and Carbon dioxide and produces water
- d. None of the above

61. The First session of the Indian National Congress was held at

- a. Calcutta
- b. Nagpur
- c. Belgaum
- d. Bombay

Directions (Q.No. 62 - 64): The six winners – K, L, M, N, O and P – of a national science contest each won a college scholarship. The prizes for first through sixth place were \$30,000, \$25,000, \$20,000, \$15,000, \$10,000, and \$5,000. The following information concerning the winners was released:

O won the \$20,000 prize.

K won less money than L did.

The difference between the winnings of M and P was \$5,000.

The difference between the winnings of N and P was at least \$10,000

62. Which of the following could be the ranking, from sixth place through first place, of the six students?

- a. M, P, L, O, N, K
- b. N, P, M, O, K, L
- c. N, M, K, O, L, P
- d. M, P, K, O, N, L

63. If K won \$10,000, how much money in total did M and P win?

- a. \$15,000
- b. \$25,000
- c. \$35,000
- d. \$55,000

64. If L won \$25,000, which of the following must be true?

- a. N won \$30,000
- b. K won \$15,000
- c. P won \$15,000
- d. M won \$5,000

65. If

(i) M is brother of N;
 (ii) B is brother of N; and
 (iii) M is brother of D,
 then which of the following statements is definitely true?

- a. N is brother of B
- b. N is brother of D
- c. M is brother of B
- d. D is brother of M

66. Consider 'Thalophyta' in the classification of Plant Kingdom

- I. This is the largest group of the Plant Kingdom
- II. The body of the plants in this group are not differentiated into root, stem and leaves.

Choose the correct statement

- a. I only
- b. II Only
- c. I and II
- d. None

67. The presiding officer of the Lok Sabha is Speaker. Likewise, the presiding officer (chairman) of the Rajya Sabha is

- a. Speaker
- b. Vice President
- c. Attorney General
- d. Deputy Speaker of Lok Sabha

68. The First Five Year Plan period in India is

- a. 1947 – 1952
- b. 1950 – 1955
- c. 1951 – 1956
- d. 1955 – 1960

69. In Agricultural practices, the method of Irrigation in which the water is allowed to enter the field through channels made between the two rows of crops is known as

- a. Basin Irrigation
- b. Drip Irrigation
- c. Sprinkler Irrigation
- d. Furrow Irrigation

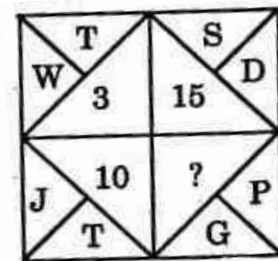
70. Nishu and Archana can do a piece of work in 10 days and Nishu alone can do it in 12 days. In how many days can Archana do it alone?

- a) 60 days
- b) 30 days
- c) 50 days
- d) 45 days

71. The Symbol of SI Unit for "Amount of Substance" is

- a. mol
- b. mole
- c. molecular
- d. Cd

72. What will come in the place of a question mark?



- (a) 5
- (b) 9
- (c) 11
- (d) 13

73. As a part of Swadeshi Movement in Tamil Nadu, V.O.Chidambaram Pillai launched the Swadeshi Steam Navigation Company in the year

- a. 1905
- b. 1906
- c. 1907
- d. 1908

74. The Upper House of Indian Parliament

- a. Have to be reconstituted every five years by fresh election
- b. Will be dissolved by the President every five years
- c. Will be dissolved by the Prime Minister every five years
- d. Cannot be dissolved

75. The Highest contribution to the Indian GDP (Gross Domestic Product) at present is from

- a. Primary Sector
- b. Secondary Sector
- c. Tertiary Sector
- d. None of the above

76. The World's first White Tiger Safari has been opened for public in

- a. Haryana
- b. Bangalore
- c. Sundarbans
- d. Madhya Pradesh

77. The point where the Earthquake waves first reaches in the surface of the Earth is known as

- a. Hypocenter
- b. Focus
- c. Epicenter
- d. None of the above

78. The State Animal of Tamil Nadu is

- a. Elephant
- b. Gaur bull
- c. Cow
- d. Nilgiri Tahr

79. Consider the following properties

- I. It is main source is combustion of fuels
- II. It reacts with hemoglobin in human blood and reduces the affinity of Oxygen with hemoglobin and this may lead to death.

Which Gas has the above properties?

- a. Carbon monoxide
- b. Carbon dioxide
- c. Nitrogen oxides
- d. Sulphur dioxide

80. The Constitution provides special status for the State of Jammu and Kashmir under

- a. Article 250
- b. Article 270
- c. Article 350
- d. Article 370

81. Which of the following Planet in the Solar System is nicknamed as 'Morning Star'?

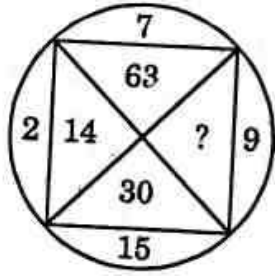
- a. Mercury
- b. Venus
- c. Earth
- d. Mars

82. The only surviving work of Second Sangam is

- a. Tolkappiyam
- b. Ettuthogai
- c. Pattupattu
- d. No works survived second Sangam as like first Sangam.

83. The 'Bose-Einstein condensate' State of Matter (5th state of matter) will be as
- Super heated gaseous
 - Normal heated gaseous
 - Super cooled solids
 - Normal cooled solids
84. According to Buoyant force, When object is immersed in a fluid (liquid or gas), it experiences an apparent loss of weight which is equal to the
- Weight of the Object itself
 - Weight of the Fluid
 - Combined weight of the Object and Fluid
 - None of the above
85. The GST includes
- All Goods Tax only
 - All Service Tax only
 - Goods and Service Tax
 - Only Value Added Tax
86. Mahatma Gandhi was the editor of which of the following
- Indian Opinion
 - Harijan
 - Young India
 - All of the above
87. The Strength of Tamil Nadu Legislative Assembly is
- 232
 - 234
 - 235
 - 236
88. What is MSP in terms of Agricultural economy?
- Maximum Scheduled Price
 - Minimum Scheduled Price
 - Maximum Support Price
 - Minimum Support Price
89. The recently launched book "Citizen and Society" was authored by
- Shri Narendra Modi
 - Shri Pranab Mukerji
 - Shri Rahul Gandhi
 - Shri Hamid Ansari
90. The present percentage of reservation for Women in the Local body elections in Tamil Nadu is
- 30 %
 - 33 %
 - 50 %
 - 80 %
91. In Rio Olympics 2016, P V Sindhu got Silver medal for Badminton women singles. The Gold medal for the same game was secured by
- Carolina Marin (Spain)
 - Nozomi Okuhara (Japan)
 - Jung Kyung-eun (South Korea)
 - Shin Seung-chan (South Korea)
92. The highest peak of Tamil Nadu is
- Doddabetta
 - Agastya mala
 - Anamudi (Anai mudi)
 - Mukurthi

93. What number should come in the place of question mark?



- (a) 18 (b) 33 (c) 135 (d) 145

94. In the context of administration of Mughal Empire, match the following

- A. Diwan-i-Wizarat - 1. Minister for Communication
 B. Diwan-i-Ariz - 2. Foreign Minister
 C. Diwan-i-Rasalat - 3. Revenue and Finance
 D. Diwan-i-Insha - 4. In Charge of Army

Choose the correct option

A B C D

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

95. The Home Rule League was established at Madras by Annie Besant in

- a. June 1916
 b. September 1916
 c. June 1917
 d. September 1917

96. The Number of Spokes in the Ashoka Chakra wheel of Indian Flag is

- a. 20
 b. 22
 c. 24
 d. 26

97. The minimum age required for a person (citizen) to be appointed as the President of India is

- a. Must have completed 25 years of age
 b. Must have completed 30 years of age
 c. Must have completed 35 years of age
 d. Must have completed 40 years of age

98. The Knight of the Order of Arts and Letters (Chevalier de L'Ordre Arts et Lettres) award by the French Government was honoured recently to which tamil actor?

- a. Rajinikanth
 b. Kamal Haasan
 c. Dhanush
 d. Madhavan

99. The Indo-Greek ruler Menander was converted to Buddhism by

- a. Badrabahu
 b. Nagasena
 c. Amogavarsha
 d. Vasumitra

100. The President of the Constituent Assembly which is forming the constitution of India is

- a. Dr.Rajendra Prasad
 b. Dr.B.R.Ambedhar
 c. Jwaharlal Nehru
 d. Dr.K.M.Munshi

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