SUITABILITY TEST FOR GRADUATE CATEGORY UNDER COMPASSIONATE GROUNDS APPOINTMENT
WRITTEN EXAMINATION

DATE : 10.05.23
Time: 14.00 hrs to 16.00 hrs

VENUE : Divisional Office/TPJ
Total Marks: 100

1. Candidates should write their Name, Roll Number etc. only in the space provided in the fly leaf and **NOT** in any other sheet.
2. The Question paper contains 100 questions
   Part I   - 35 questions   - General Knowledge
   Part II   - 25 questions   - General English
   Part III   - 40 questions   - Arithmetic
3. All questions are compulsory.
4. Each question carries 1 mark.
5. There shall be no negative marks for wrong answers.
6. No corrections / over writings are permitted. If found, the same will not be evaluated.

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PART I - GENERAL KNOWLEDGE

Q.1.   Who was India's first President?

(A) V.V.Giri   (B) Rajendra Prasad   (C) Radha Krishnan   (D) Zakhir Hussain

Q.2   Which river is known as Ganges of the South?
(A) The Godavari (B) Cauvery   (C) Krishna   (D) None of these

Q.3.   Which technology is used to squeeze water from the soaked clothes in the washing machine?
(A) Evaporation   (B) Fractional distillation (C) Centrifugation (D) Distillation

Q.4.   Fungi are plants that lack:
(A) Oxygen   (B) Carbon dioxide   (C) Chlorophyll   (D) None of these

Q.5.   Which organ of the body produces the fluid known as Saliva?
(A) Mouth   (B) Pancreas   (C) Gall bladder (D) Kidney

Q.6.   When is 'Kargil Vijay Diwas' celebrated every year across India?
(A) 26 July   (B) 23 Aug   (C) 25 June   (D) 27 May

Q.7   The Chola dynasty was an ancient Tamil Kingdom along the banks of the river
(A) Krishna   (B) Cauvery   (C) Godavari   (D) Mohanadi

Q.8.   Which Indian state is called as 'God's own country'?
(A) Kerala   (B) Rajasthan   (C) Arunachal Pradesh (D) Orissa

Q.9.   SAARC was formed in....
(A) 1982   (B) 1984   (C) 1985   (D) 1986

Q.10. Constitution of India came into effect from?

(A) 15 august 1947   (B) 15 January 1948

(C) 10 August 1950   (D) 26 January 1950

Q.11. A virus can spread through:

(A) Touch   (B) Contaminated food or water

(C) Coughing   (D) All the above

Q.12. Which organ of the body stores bile?
(A) Gall bladder   (B) Pancreas   (C) Mouth   (D) Kidney

Q.13. What is the head quarter of South East Central Railway.

(A) Gandhi Nagar   (B) Bilaspur   (C) Mangaluru   (D) Bangaluru

Q.14. Who hoists the flag on Independence Day at Red Fort?
(A) Prime Minister   (B) President   (C) Vice President   (D) Chief Justice

Q.15. Panchayati Raj comes under......
(A) Residual list   (B) Concurrent list   (C) State list   (D) Union list

Q.16. Which acid is secreted in stomach?
(A) Hydro Chloric acid   (B) Suphuric acid   (C) Carbolic acid   (D) Citric acid

Q.17. What is the average rate of the heart beats (per minute) in an adult?
(A) 60   (B) 72   (C) 84   (D) 96

Q.18. Which of the following was called as "Dandi of Tamil Nadu"
(A) Thirunelveli   (B) Vedaranyam   (C) Mahabalipuram   (D) Cuddalore

Q.19. Who was India's first Prime Minister?

(A) V.V.Giri   (B) Jawaharlal Nehru   (C) Radha Krishnan   (D) Zakhir Hussain

Q.20. What is the chemical name of cooking soda?

(A) Sodium   (B) Pottasium   (C) Calcium   (D) Sodium bi Carbonate

Q.21. Which is most populous city in India?
(A) Mumbai   (B) Kolkatta   (C) Chennai   (D) Delhi

Q.22. Where is the 2022 football world cup going to take place?
(A) Qatar   (B) China   (C) Greece   (D) France

Q.23. Maximum amount of gas found in air is
(A) Oxygen   (B) Carbon dioxide   (C) Hydrogen   (D) Nitrogen

Q.24. The curiosity rover built by National Aronautics and Space Administration (NASA) as a part of Astrobiology mission successfully landed on the planet.
(A) Mars   (B) Saturn   (C) Venus   (D) Mercury

Q.25. Who has won the Bronze medal in recent Olympic, Tokyo 2020 badminton?

(A) Sania Mirza   (B) Geeta Phogat   (C) P V Sindhu   (D) Sakshi Malik

Q.26. The government of which state has announced to make 'disaster management' a compulsory subject in the field of education?
(A) Odisha   (B) Meghalaya   (C) Assam   (D) Bihar

Q.27. Viruses can be seen through only
(A) Microscope   (B) Electron Microscope (C) Telescope   (D) Periscope

Q.28: Which is the capital of Manipur ?
(A) Ranchi   (B) Agartala   (C) Ganktok   (D) Imphal

Q.29. Who is Governor of Reserve Bank of India at present?
(A) C.Rengarajan (B) B.Y.Reddy   (C) Bimal Jalan   (D) Shaktikanta Das

Q.30: The first case of novel corona virus was identified in
A. China   B. India   C. Singapore   D. U.S.A

Q.31. The line that demarcates the boundary between India and Pakistan is
(A) McMahon Line   (B) Durand Line   (C) Radcliffe Line (D) None of these

Q.32. Which is the nearest planet to sun ?
(A) Mars   (B) Venus   (C) Earth   (D) Mercury

Q.33. The agency of United Nations that was set up to strengthen the international cooperation in the field of education and improve the standards of education is
(A) UNEP   (B) UNCTAD   (C) UNESCO   (D) UNDP

Q.34. The world record for the fastest double century in Test cricket is held by
(A) Sanath Jaisurya   (B) Nathan Astle   (C) Adam Gilchrist (D) Saeed Anwar

Q.35. Which of the following rays is NOT harmful?
(A) Ultraviolet rays   (B) X-rays   (C) Infrared rays   (D) Short Radio Waves

PART II - GENERAL ENGLISH

Direction: In the following questions out of the four alternatives, choose the one which best expresses the meaning of the given word as your answer.

Q.36: SOLE
(A) important   (B) immediate   (C) only   (D) principal

Q.37: ANNEXURE
(A) attachment   (B) development   (C) retirement   (D) commencement

Direction: In the following questions choose the word opposite in meaning to the given word.

Q.38: PERFECT
(A) defect   (B) complete   (C) imperfect   (D) ugly

Q.39: ARTISAN
(A) ignorant villager   (B) unskilled labour
(C) skilled sculptor   (D) learned person

Q.40: AMATEURISH

    (A) skilled   (B) professional   (C) seasoned   (D) trained

Fill in the Blanks with suitable words in the option:

Direction: Find in the blanks with correct Prepositions.

Q.41: My father will retire from service _____ a year.

    A. of   B. on   C. in   D. by

Q.42: Don't point —— his mistakes.

    A. in   B. at   C. out   D. for

Q.43: We shall meet you —— 6 o'clock.

    A. by   B. at   C. in   D. during

Q.44: Suganya writes —— her left hand.

    A. on   B. with   C. in   D. by

Q.45: Whom are you talking ——

    A. to   B. too   C. by   D. over

Q.46: My wife will retire from service _____ a year.

    A. of   B. on   C. in   D. by

Q.47: He will think _____ the matter.

    A. for   B. on   C. at   D. about

Q.48: He _____ pass this time as he has worked satisfactorily hard.

    A. may   B. can   C. will   D. shall

Q.49: I shall meet you _____ 6 o'clock.

    A. in   B. at   C. by   D. on

Q.50: Suganya writes _____ her left hand

    A. for   B. to   C. at   D. with

DIRECTIONS: find Odd word from options

Q.51: Select the odd one out

    A. Actor   B. Director   C. Cameraman   D. Teacher

Q.52: Select the odd one out

    A. Jhargand   B. Bihar   C. Ladak   D. Haryana

Q.53: Select the odd one out

    A. Cauveri   B. Godhavari   C. Ganges   D. Nile

Q.54: Select the odd one out
    A. Pakistan   B. Bangladesh   C. Philippines   D. Nepal

Q.55: Select the odd one out
    A. SBI   B. Indian Bank   C. Canara Bank   D. Axis Bank

DIRECTIONS : Select the proper suffix..

Q.56: King
    A. en   B. er   C. hood   D. dom

Q.57: Partner
    A. ship   B. for   C. ice   D. dom

Direction: Select the correct spelt word.

Q.58: A. Jurisdiction   B. Juresdiction   C. Jurisdection   D. Juriesdiction

Q.59: A. Encourage   B. Encorage   C. Incorage   D. Encurage

Q.60: A. Delinquescent   B. Deliquescent   C. Deliquecent   D. Delinquesent

Part – III ARITHMATIC

Q.61: How many 3 digit numbers are completely divisible by 6 ?
    (A) 149   (B) 150   (C) 151   (D) 166

Q.62: $(1^2 + 2^2 + 3^2 + \ldots\ldots + 10^2) =$
    (A) 330   (B) 345   (C) 365   (D) 385

Q.63: Find the highest common factor of 36 and 84.
    (A) 4   (B) 6   (C) 12   (D) 18

Q.64: Find the lowest common multiple of 24, 36 and 40.
    (A) 120   (B) 240   (C) 360   (D) 480

Q.65: The greatest number that exactly divides 105, 1001 and 2436 is :
    (A) 3   (B) 7   (C) 11   (D) 21

Q.66: $0.002 \times 0.5 = ?$
    (A) 0.0001   (B) 0.001   (C) 0.01   (D) 0.1

Q.67: $0.009 / ? = 0.01$
    (A) 0.0009   (B) 0.09   (C) 0.9   (D) 9

Q.68: The rational number for the recurring decimal 0.125125 …….. is
    (A) 63/487   (B) 119/993   (C) 125/999   (D) None of these

Q.69: $11 / 4 = 77 / ?$
    (A) 28   (B) 77/28   (C) 44   (D) 308

Q.70: 3640 ÷ 14 × 16 + 340 = ?
(A) 0.70   (B) 3525   (C) 4480   (D) None of these

Q.71: (4 + 4 × 18 – 6 - 8) / (123 × 6 – 146 × 5)= ?
(A) 1   (B) 2   (C) 6.65   (D) 7.75

Q.72: The value of √0.000441 is :
(A) 0.00021   (B) 0.0021   (C) 0.021   (D) 0.21

Q.73: The value of √0.01 + √0.81 + √1.21 + √0.0009 is :
(A) 2.03   (B) 2.1   (C) 2.11   (D) 2.13

Q.74. If 52/x = √(169/289), the value of x is :
(A) 52   (B) 58   (C) 68   (D) 62

Q.75. The average of first 50 natural numbers is :
(A) 12.25   (B) 21.25   (C) 25   (D) 25.5

Q.76. The average age of the boys in a class is 16 years and that of the girls is 15 years. The average age for the whole class is ?
(A) 15 years   (B) 15.5 years   (C) 16 years   (D) None

Q.77: If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55 and 60, then the average marks of all the students is :
(A) 53.33   (B) 54.68   (C) 55   (D) None of these

Q.78: The ratio between the present ages of A and B is 5 : 3 respectively. The ratio between A's age 4 years ago and B's age 4 years hence is 1 : 1. What is the ratio between A's age 4 years hence and B's age 4 years ago ?
(A) 1 : 3   (B) 2 : 1   (C) 3 : 1   (D) 4 : 1

Q.79: A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of the son is :
(A) 14 years   (B) 18 years   (C) 20 years   (D) 22 years

Q.80: Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 50 years, what is definitely the difference between R and Q's age ?
(A) 1 year   (B) 2 years   (C) 25 years   (D) None of these

Q.81: The sum of the ages of a father and his son is 45 years. Five years ago, the product of their ages was 34. The ages of the son and the father are respectively :
(A) 6 and 39   (B) 7 and 38   (C) 9 and 36   (D) 11 and 34

Q.82: What is 15 percent of Rs. 34 ?
(A) Rs 3.40   (B) Rs. 3.75   (C) Rs. 4.50   (D) Rs. 5.10

Q.83: 60 % of 264 is the same as :
(A) 10% of 44   (B) 15% of 1056   (C) 30% of 132   (D) None

Q.84: 30% of 28% of 480 is the same as :

(A) 15% of 56% of 240   (B) 60% of 28% of 240

(C) 60% of 56% of 240   (D) None of these

Q.85: ? % of 932 + 30 = 309.6
(A) 30   (B) 25   (C) 35   (D) 40

Q 86: Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit ?
(A) 3.5   (B) 4.5   (C) 5.0   (D) 5.6

Q 87: A trader buys a chair for Rs. 600 and sells it for Rs.765 at a credit of 4 months. Reckoning money worth 6% p.a., his gain percent is :
(A) 20%   (B) 22.5%   (C) 25%   (D) 27.5%

Q 88: The ratio of the cost price and the selling price is 4 : 5. The profit percent is :
(A) 10%   (B) 25%   (C) 30%   (D) 35%

Q.89: If the cost price of 12 pens is equal to the selling price of 8 pens, the gain percent is:
(A) 25%   (B) 33.33%   (C) 50%   (D) 66.66%

Q.90: Two whole numbers whose sum is 72 cannot be in the ratio :
(A) 5 : 7   (B) 3 : 5   (C) 3 : 4   (D) 4 : 5

Q.91: The ratio of third proportional to 12 and 30 and the mean proportional between 9 and 25 is :

(A) 2 : 1   (B) 5 : 1   (C) 7 : 15   (D) 9 : 14

Q.92: An alloy is to contain copper and zinc in the ratio 9 : 4. The zinc required to be melted with 24kg of copper is ?
(A) 10.66kg   (B) 10.33kg   (C) 9.66kg   (D) 9kg

Q.93: A man can do a piece of work in 5 days, but with help of his son, he can do it in 3 days. In what time can the son do it alone ?
(A) 6.5 days   (B) 7 days   (C) 7.5 days   (D) 8 days

Q.94 Two workers A and B are engaged to do a work. A working alone takes 8 hours more to complete the job than if both worked together. If B worked alone, he would need 4.5 hours more to complete the job than they both working together. What time would they take to do the work together ?
(A) 4 hours   (B) 6 hours   (C) 7 hours   (D) 8 hours

Q.95 A can finish a work in 24 days, B in 9 days and C in 12 days. B and C start the work but are forced to leave after 3 days. The remaining work was done by A in :
(A) 5 days   (B) 6 days   (C) 10 days   (D) 10.5 days

Q.96: A car is running at a speed of 108kmph. What distance will it cover in 15 seconds ?
(A) 45 metres   (B) 55 metres   (C) 450 metres   (D) None of these

Q.97: The ratio between the speeds of two trains is 7 : 8. If the second train runs 400kms in 4 hours, then the speed of the first train is :
(A) 70 km/hr(B) 75 km/hr   (C) 84 km/hr   (D) 87.5 km/hr

Q.98: A salesman travels a distance of 50km in 2 hours and 30 minutes. How much faster in Kilometres per hour, on an average, must he travel to make such a trip in 5/6 hour less time?
(A) 10   (B) 20   (C) 30   (D) None of these

Q.99: A man on tour travels first 160km at 64km/hr and the next 160km at 80 km/hr. The average speed for the first 320 km of the tour is :
(A) 35.55 km/hr   (B) 36 km/hr   (C) 71.11 km/hr   (D) 71 km/hr

Q.100: A train 110 metres long is running with a speed of 60 kmph. In what time will it pass a man who is running at 6 kmph in the direction opposite to that in which the train is going ?
(A) 5 sec   (B) 6 sec   (C) 7 sec   (D) 10 sec

S.R.

THE KEY

FOR THE QUESTION SET FOR THE WRITTEN EXAMINATION FOR SUITABILITY TEST FOR GRADUATE CATEGORY UNDER COMPASSIONATE GROUNDS APPOINTMENT HELD ON 10.05.23

S.NO	ANSWER	S.NO	ANSWER	S.NO	ANSWER
GENERAL KNOWLEDGE		GENERAL ENGLISH		ARITHMATIC	
1.	B	36.	C	61.	B
2.	B	37.	A	62.	D
3.	C	38.	C	63.	C
4.	C	39.	B	64.	C
5.	A	40.	B	65.	B
6.	A	41.	C	66.	B
7.	B	42.	C	67.	C
8.	A	43.	B	68.	C
9.	C	44.	B	69.	A
10.	D	45.	A	70.	D
11.	D	46.	C	71.	D
12.	A	47.	D	72.	C
13.	B	48.	A	73.	D
14.	A	49.	B	74.	C
15.	C	50.	D	75.	D
16.	A	51.	D	76.	D
17.	B	52.	C	77.	B
18.	B	53.	D	78.	C
19.	B	54.	C	79.	D
20.	D	55.	D	80.	D
21.	A	56.	D	81.	A
22.	A	57.	A	82.	D
23.	D	58.	A	83.	B
24.	A	59.	A	84.	B
25.	C	60.	B	85.	A
26.	C			86.	D
27.	B			87.	C
28.	D			88.	B
29.	D			89.	C
30.	A			90.	C
31.	C			91.	B
32.	D			92.	A
33.	C			93.	C
34.	C			94.	B
35.	D			95.	C
				96.	C
				97.	A
				98.	A
				99.	C
				100.	B

(R.SARAVANAN)
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