

**SUITABILITY TEST FOR GRADUATE CATEGORY UNDER  
COMPASSIONATE GROUNDS APPOINTMENT  
WRITTEN EXAMINATION**

**DATE: 14.02.2024**

**Time: 10.00hrs to 12.00hrs**

**VENUE: Divisional Office/TPJ**

**Total Marks: 100**

**Instructions to Candidates**

1. Question paper contains 100 objective questions for which candidates shall choose the best answer. The written examination will be conducted with OMR Answer Sheets. There will be four options of answers A, B, C, & D to each question, out of which one option has to be chosen as the answer.
2. The Question paper contains 100 Questions:
  - a. Part I - General Knowledge
  - b. Part II - General English
  - c. Part III - Simple Arithmetic
3. All questions are compulsory.
4. All questions carries 1 mark.
5. There shall be No Negative marks for wrong answers.
6. Since there are only objective questions, no corrections of any type is permitted, i.e. cutting, overwriting, erasing, scoring off a shaded answer in multiple-choice and shading another answer. In case, any correction/overwriting is made, the answer shall not be evaluated at all.
7. The question paper consists of 9 pages. Candidates should check whether all pages are available before answering.
8. Candidates are instructed not to write his Name, Roll No etc. in any portion of the answer sheet other than the space provided in the answer sheet. If the name of the candidate or roll number found in any other place other than the specified space, the answer sheet will not be valued.
9. Candidates are allowed to take the question papers with them after examination.

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**PART I - GENERAL KNOWLEDGE**

- Q.1. Which is the largest electricity producing state in India ?  
(A) Uttar Pradesh (B) Tamil Nadu (C) Kerala (D) Maharashtra
- Q.2. Which of the following is the largest and deepest ocean of the world ?  
(A) Arctic (B) Atlantic (C) Pacific (D) Indian
- Q.3. Which of the following is not the member of the European Union?  
(A) Greece (B) Norway (C) Finland (D) United Kingdom
- Q.4. Decimal coinage was introduced in India in the year...  
(A) 1978 (B) 1980 (C) 1957 (D) 1955
- Q.5. The line that demarcates the boundary between India and Pakistan is...  
(A) Macmahon Line (B) Durand Line (C) None of these (D) Radcliffe Line
- Q.6. South Western Railway is headquartered at....  
(A) Mumbai (B) Kolkata (C) Hubballi (D) Geology
- Q.7. Constitution of India came into effect from?  
(A) 15 august 1947 (B) 15 January 1948  
(C) 10 August 1950 (D) 26 January 1950



Q.8. Reserve Bank of India was nationalized in the year...

- (A) 1949 (B) 1950 (C) 1965 (D) 1969

Q.9. Who declares the Credit Policy of India?

- (A) RBI (B) SBI (C) NSDL (D) UTI

Q.10. When is the Commonwealth Day Celebrated ?

- (A) 02<sup>nd</sup> February (B) 02<sup>nd</sup> January (C) 3<sup>rd</sup> October (D) 3<sup>rd</sup> March

Q.11. When is the World Population Day Celebrated ?

- (A) 15<sup>th</sup> September (B) 11<sup>th</sup> July (C) 17<sup>th</sup> May (D) 24<sup>th</sup> April

Q.12. Which one of the following river flows between Vindhyan and Satpura ranges?

- (A) Ganges (B) Mahanadi (C) Narmada (D) Netravati

Q.13. Patanjali is well known for the compilation of –

- (A) Yoga Sutra (B) Panchatantra (C) Brahma Sutra (D) Ayurveda

Q.14. The world record for fastest double century in test cricket is held by...

- (A) Sanath Jaisurya (B) Nathan Astle (C) Adam Gilchrist (D) Saeed Anwar

Q.15. The country that has the highest in Barley Production?

- (A) China (B) India (C) Russia (D) France

Q.16. Tsunamis are not caused by....

- (A) Hurricanes (B) Earthquakes (C) Undersea Landslides (D) Volcanic eruptions

Q.17. Chambal river is a part of....

- (A) Sabarmati basin (B) Ganga basin (C) Narmada basin (D) Godavari basin

Q.18. Volcanic eruption do not occur in the....

- (A) Baltic sea (B) Black sea (C) Caribbean sea (D) Caspian sea

Q.19. Where was the electricity supply first introduced in India...

- (A) Mumbai (B) Dehradun (C) Darjeeling (D) Chennai

Q.20. Which one of the following ports is the oldest port in India?

- (A) Mumbai Port (B) Chennai Port (C) Kolkata Port (D) Vishakhapatnam Port

Q.21. Galileo was an Italian astronomer who....

- (A) Developed the telescope (B) Discovered four satellites of Jupiter  
(C) Discovered that the movement of pendulum produces a regular time measurement  
(D) All of the above

Q.22. How many members are there in the Rajya Sabha ?

- (A) 534 (B) 524 (C) 250 (D) 234

Q.23. Which is the religion for which the Fire temple is the place of worship?

- (A) Hinduism (B) Jainism (C) Zoroastrianism (D) Buddhism

Q.24. The United Nations Organization has its Headquarters at...

- (A) Bali (B) Hague (C) New York, USA (D) Washington DC

Q.25. Dr. V. Kurien is famous in the field of \_\_\_\_\_.

- (A) Atomic power (B) Dairy development (C) Economic reforms (D) Poultry farms



- Q.26. The 'Lady with the Lamp' was the name given to?  
 (A) Vijayalakshmi Pandit (B) Queen Elizabeth  
 (C) Florence Nightingale (D) Princess Diana
- Q.27. Which is the country which has the Great Barrier Reef?  
 (A) London (B) Australia (C) Ireland (D) New Zealand
- Q.28. In which country G20 summit is held in 2023?  
 (A) Berlin (B) Paris (C) London (D) India
- Q.29. White rust is an important fungal disease of....  
 (A) Wheat (B) Mustard (C) Rice (D) Bajra
- Q.30. Which organ of the human body does the Alzheimer's disease affect?  
 (A) Ear (B) Eye (C) Brain (D) Stomach
- Q.31. Which of the following flight infection in the body?  
 (A) RBC (B) WBC (C) Blood Plasma (D) Hemoglobin
- Q.32. Antlophobia is fear of which of the following?  
 (A) Boss (B) Fire (C) Floods (D) Dogs
- Q.33. Deficiency of which of the following vitamins causes the disease of slow blood clotting?  
 (A) Vitamin C (B) Vitamin D (C) Vitamin E (D) Vitamin K
- Q.34. Telephone was invented by...  
 (A) J.L. Baird (B) Alexander Graham Bell  
 (C) K. Macmillan (D) None of the above
- Q.35. \_\_\_\_\_ is known as 'The Light of Asia'  
 (A) Rumi (B) Buddha (C) Gandhi (D) Swami Vivekananda

### **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: MUTE  
 (A) Loud (B) immediate (C) Speechless (D) principal
- Q.37: IMITATE  
 (A) Pretend (B) Act (C) Dance (D) Repeat

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

- Q.38: PRUDENT  
 (A) Intelligent (B) Clever (C) Unwise (D) Ugly
- Q.39: SCARCITY  
 (A) Less (B) Abundance (C) Little (D) Big
- Q.40: AMATEURISH  
 (A) Skilled (B) Professional (C) Seasoned (D) Trained



**Direction: Find in the blanks with correct Prepositions.**

Q.41: Jeeva works — the Corporation office

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

Q.42: He shall meet you — 6 o'clock.

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

Q.43: Rajan will retire from service — a year.

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

Q.44: Sheela 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: Siva is interested — reading novels.

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

Q.47: Don't point — his mistakes.

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

Q.48: She will think — the matter.

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

Q.49: They came to live here — 1992.

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

Q.50: He is angry — my sister.

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

**DIRECTIONS: find Odd word from options**

Q.51: A. Hardware                      B. Keyboard                      C. Pen                      D. Monitor

Q.52: A. Actor                      B. Driver                      C. Camera man                      D. Director

Q.53: A. Oranges                      B. lemon                      C. Lime                      D. Avacado

Q.54: A. Giraffe                      B. Lion                      C. Tiger                      D. Leopard

Q.55: A. Nepal                      B. Bhutan                      C. Pakistan                      D. Russia

**Note: Find the Mis-Spelt Word of the following (Q.56 – Q.60)**

Q.56. (A) Admirer                      (B) Governor                      (C) Bearer                      (D) Conquerer

Q.57. (A) Grammer                      (B) Hammer                      (C) Familiar                      (D) Simmer

Q.58. (A) Proprietor                      (B) Jailor                      (C) Inspector                      (D) Admiror

Q.59. (A) Sureptitious                      (B) Surveillance                      (C) Survey                      (D) Surround

Q.60. (A) Accentuate                      (B) Abscess                      (C) Aberration                      (D) Abnormalty



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:  $(1^2 + 2^2 + 3^2 + \dots + 10^2) =$   
(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:  $3640 \div 14 \times 16 + 340 = ?$   
(A) 0.70 (B) 3525 (C) 4480 (D) None of these
- Q.71:  $(4 + 4 \times 18 - 6 - 8) / (123 \times 6 - 146 \times 5) = ?$   
(A) 1 (B) 2 (C) 6.65 (D) 7.75
- Q.72: The value of  $\sqrt{0.000441}$  is :  
(A) 0.00021 (B) 0.0021 (C) 0.021 (D) 0.21
- Q.73: The value of  $\sqrt{0.01} + \sqrt{0.81} + \sqrt{1.21} + \sqrt{0.0009}$  is :  
(A) 2.03 (B) 2.1 (C) 2.11 (D) 2.13
- Q.74: If  $52/x = \sqrt{(169/289)}$ , the value of x is :  
(A) 52 (B) 58 (C) 68 (D) 68
- 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 of the above



- 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 of these
- 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) 25 (B) 30 (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) 5.6 (D) 6.5
- 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) 20% (B) 10% (C) 30% (D) 25%
- 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) 5 hours                      (C) 6 hours                      (D) 7 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

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## THE KEY

FOR THE QUESTION SET FOR THE WRITTEN EXAMINATION FOR SUITABILITY TEST FOR GRADUATE  
CATEGORY UNDER COMPASSIONATE GROUNDS APPOINTMENT HELD ON 14.02.2024.

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